



## FLUVANNA COUNTY BOARD OF SUPERVISORS

### REGULAR MEETING AGENDA

Circuit Courtroom, Fluvanna Courts Building

February 20, 2019

Budget Work Session 4:00pm

Regular Meeting 7:00 pm

TAB	AGENDA ITEMS
<b>A</b>	<b>CALL TO ORDER</b>
<b>B</b>	<b>PLEDGE OF ALLEGIANCE AND MOMENT OF SILENCE</b>
<b>C</b>	<b>FLUVANNA COUNTY SCHOOLS BUDGET DISCUSSION</b>
<b>E</b>	<b>CLOSED MEETING AND DINNER RECESS</b>
	<b>RECESS – DINNER BREAK</b>
	<b>RECONVENE @ 7:00pm</b>
TAB	AGENDA ITEMS
<b>1</b>	<b>CALL TO ORDER</b>
<b>2</b>	<b>PLEDGE OF ALLEGIANCE AND MOMENT OF SILENCE</b>
<b>3</b>	<b>ADOPTION OF AGENDA</b>
<b>4</b>	<b>COUNTY ADMINISTRATOR'S REPORT</b>
<b>5</b>	<b>PUBLIC COMMENTS #1</b> (5 minutes each)
<b>6</b>	<b>PUBLIC HEARING</b>
	None.
<b>7</b>	<b>ACTION MATTERS</b>
A	Vehicle License Fees Code Change Public Hearing Authorization—Steven M. Nichols, County Administrator
<b>7A</b>	<b>APPOINTMENTS</b>
	None.
<b>8</b>	<b>PRESENTATIONS</b> (normally not to exceed 10 minutes each)
B	Pleasant Grove Park 25 <sup>th</sup> Anniversary – Aaron Spitzer, Parks and Recreation Director
<b>9</b>	<b>CONSENT AGENDA</b>
C	Minutes of February 6, 2019—Kelly Belanger Harris, Clerk to the Board
D	Minutes of February 13, 2019—Kelly Belanger Harris, Clerk to the Board
E	Accounts Payable Report, January 2019—Eric Dahl, Deputy County Administrator/Finance Director
R	Fluvanna Fire Engine Build Agreement—Cyndi Toler, Purchasing Officer
G	Temporary Staff Compensation for Additional Duties - Payne—Aaron Spitzer, Director of Parks and Recreation
H	Dewberry Engineers Inc. – Project Agreement 1—Cyndi Toler, Purchasing Officer

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I Deputy Sheriff- Sergeant: Position Description Update—Jessica Rice, Human Resources Manager

J Parks and Recreation Position Description Updates—Jessica Rice, Human Resources Manager

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**10 – UNFINISHED BUSINESS**

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TBD

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**11 – NEW BUSINESS**

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TBD

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**12 – PUBLIC COMMENTS #2 (5 minutes each)**

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**13 – CLOSED MEETING**

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TBD

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**14 – ADJOURN**

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Digitally signed by Steven M.  
Nichols  
Date: 2019.02.14 14:51:22 -05'00'

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County Administrator Review

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*For the Hearing-Impaired – Listening device available in the Board of Supervisors Room upon request. TTY access number is 711 to make arrangements.  
For Persons with Disabilities – If you have special needs, please contact the County Administrator's Office at 591-1910.*

## **PLEDGE OF ALLEGIANCE**

I pledge allegiance, to the flag,  
of the United States of America,  
and to the Republic for which it stands,  
one nation, under God, indivisible,  
with liberty and justice for all.

## **GENERAL RULES OF ORDER**

1. It shall be the duty of the Chairman to maintain order and decorum at meetings. The Chairman shall speak to points of order in preference to all other members.
2. In maintaining decorum and propriety of conduct, the Chairman shall not be challenged and no debate shall be allowed until after the Chairman declares that order has been restored. In the event the Board wishes to debate the matter of the disorder or the bringing of order; the regular business may be suspended by vote of the Board to discuss the matter.
3. No member or citizen shall be allowed to use defamatory or abusive language directed at any member of the Board or other person, to create excessive noise, or in any way incite persons to use such tactics. The Chair shall be the judge of such breaches, however, the Board may by majority vote of the Board members present and voting to overrule the judgment of the Chair.
4. When a person engages in such breaches, the Chairman shall order the person's removal from the building, or may order the person to stand silent, or may, if necessary, order the person removed from the County property.

## **RULES OF PROCEDURE FOR PUBLIC HEARINGS**

1. PURPOSE
  - The purpose of a public hearing is to receive testimony from the public on certain resolutions, ordinances or amendments prior to taking action.
  - A hearing is not a dialogue or debate. Its express purpose is to receive additional facts, comments and opinion on subject items.
2. SPEAKERS
  - Speakers should approach the lectern so they may be visible and audible to the Board.
  - Each speaker should clearly state his/her name and address.
  - All comments should be directed to the Board.
  - All questions should be directed to the Chairman. Members of the Board are not expected to respond to questions, and response to questions shall be made at the Chairman's discretion.
  - Speakers are encouraged to contact staff regarding unresolved concerns or to receive additional information.
  - Speakers with questions are encouraged to call County staff prior to the public hearing.
  - Speakers should be brief and avoid repetition of previously presented comments.
3. ACTION
  - At the conclusion of the public hearing on each item, the Chairman will close the public hearing.
  - The Board will proceed with its deliberation and will act on or formally postpone action on such item prior to proceeding to other agenda items.
  - Further public comment after the public hearing has been closed generally will not be permitted.

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# COUNTY OF FLUVANNA

*"Responsive & Responsible Government"*

P.O. Box 540  
 Palmyra, VA 22963  
 (434) 591-1910  
 Fax (434) 591-1911  
[www.fluvannacounty.org](http://www.fluvannacounty.org)

## 2018-2019 STRATEGIC INITIATIVES AND ACTIONS

A SERVICE DELIVERY	
A1	Work with FRA to identify support options for Fire and Rescue volunteers.
A2	Continue to research and evaluate county-wide broadband expansion opportunities.
A3	Hold review meeting on ordinance enforcement (trash, buildings, vehicles) with Health Dept., Planning, Building Inspections, Public Works, and County Attorney.
A4	Perform strategic review of existing and needed partnerships with local area support and other non-profit groups. (Needed? Effective? Consolidate resource contributions?)
A5	Improve partnership with the school system for shared use of county and school owned facilities.
A6	Identify and assess resident concerns about roadway and public safety issues, and coordinate with VDOT for appropriate actions.
A7	Initiate comprehensive review of the Hwy 53 corridor from Lake Monticello Road to Ruritan Lake Road (e.g., Safety improvements at LM Monish Gate; 3-way stoplight at Food Lion; sight improvement at Ruritan Lake Road and Hwy 53; etc.)
B COMMUNICATION	
B1	Assess options to communicate more efficiently, effectively, and economically with Fluvanna residents.
B2	Marketing campaign to let residents know about accomplishments and where their tax dollars go.
B3	Meet with local Pastors to discuss effective communications and community support.
B4	Promote tax due dates, public hearings, etc., in FAN Mail.
B5	Expand County Website to receive, answer, and post questions from residents.
B6	Hold an Elected Official's Breakfast for our State Representatives in Fall of 2018
B7	Hold an Elected Official's Breakfast for our State Representatives in Fall of 2019
B8	Conduct 2019 Fluvanna County Residents Survey and analyze results.
C PROJECT MANAGEMENT	
C1	Continue Columbia area renewal efforts including improved enforcement of County/State codes and Health Department regulations.
C2	Complete a Master Water and Sewer (Plan Phase I) to identify sources for the county's long-term water needs; particularly for each of its community planning areas.
C3	Incorporate well-drilling logs provided by the Fluvanna Health Dept. into the county's geographic information system (GIS).
C4	Create master report and marketing plan regarding County tower assets and rental options.
C5	Investigate the use of Overlay Zones for the Zion Crossroads Community Planning Area to support economic development.

<b>C6</b>	Create a County-wide overlay map showing utilities and other key features that support business growth and development.
<b>C7</b>	Review and pursue opportunities and options for a Palmyra Village Streetscape project to improve safety, parking, walkability, and overall appearance.
<b>C8</b>	Successfully oversee and manage Fluvanna County aspects of the James River Water Project.
<b>C9</b>	Successfully oversee and manage the design and construction of the Zion Crossroads water and sewer system.
<b>C10</b>	Pursue Phase II of Fork Union streetscape project.
<b>D</b>	<b>ECONOMIC DEVELOPMENT AND TOURISM</b>
<b>D1</b>	Draft and adopt a formal County-wide economic development and tourism strategy inclusive of an implementation schedule.
<b>D2</b>	Develop a “This is Fluvanna County” video message to be shared with county citizens and businesses as well as use with county economic development initiatives.
<b>D3</b>	Coordinate development activity at Fluvanna’s northern border with Louisa County, including possible natural gas line along 250 and discussing “shared” parcels.
<b>D4</b>	Conduct 2018 local Business Climate Survey and analyze results.
<b>D5</b>	Hold an Economic Development Discussion Forum for local businesses with planning, zoning, building inspections, infrastructure components.
<b>D6</b>	Investigate and pursue with State offices the installation of select Boat Ramps along the Rivanna and James Rivers to support additional recreational and tourism opportunities.
<b>D7</b>	Investigate opportunities for park expansion or Rivanna River access points to support expanded recreational activities
<b>D8</b>	Investigate allowing large lot subdivisions in A-1 as alternative to current cluster subdivisions. (Amend the zoning and subdivision ordinances to allow for varying lot sizes, from small clustered lots to large parcels suitable for continued farming and rural living.)
<b>D9</b>	Review higher density options between PDA and R4.
<b>D10</b>	Review options, pros, cons, costs, etc., of creating a “teaching farm” at PG Park,
<b>E</b>	<b>FINANCIAL STEWARDSHIP AND EFFICIENCY</b>
<b>E1</b>	Review local business license/registration options and pros/cons.
<b>E2</b>	Reduce the County’s reliance on creating and mailing paper checks for payments and implement expanded ACH/EFT transaction options.
<b>E3</b>	Create monthly Treasurer’s Report for BOS Package and quarterly in-person briefing on the data.
<b>E4</b>	Implement credit card payment option for citizen at all County funds collection points through MUNIS Cashiering process.
<b>E5</b>	Expand Fluvanna County Website Data Dashboard with key metrics.
<b>E6</b>	Implement easy to access electronic format code of ordinances (MuniCode or similar).

**FLUVANNA COUNTY BOARD OF SUPERVISORS  
AGENDA ITEM STAFF REPORT**

<b>MEETING DATE:</b>	February 20, 2019				
<b>AGENDA TITLE:</b>	Vehicle License Fees Code Change Public Hearing Authorization				
<b>MOTION(s):</b>	<b>I move that the Fluvanna County Board of Supervisors direct staff to initiate a County Code Amendment to amend and reenact "CHAPTER 15, ARTICLE 2, SECTION 15-2-3 OF THE FLUVANNA COUNTY CODE REGARDING EXEMPTIONS FROM LICENSE FEES FOR CERTAIN VEHICLES," and to schedule a future public hearing for the Board of Supervisors.</b>				
<b>STRATEGIC INITIATIVE?</b>	Yes	No	<b>If yes, list initiative(s):</b>		
		X			
<b>AGENDA CATEGORY:</b>	Public Hearing	Action Matter	Presentation	Consent Agenda	Other
		XX			
<b>STAFF CONTACT(S):</b>	Steve Nichols, County Administrator				
<b>PRESENTER(S):</b>	Steve Nichols, County Administrator				
<b>RECOMMENDATION:</b>	Approve				
<b>TIMING:</b>	Routine				
<b>DISCUSSION:</b>	<p>As directed by the Board, the attached draft amendment to Chapter 15, Article 2, Section 15-2-3 of the Fluvanna County Code Regarding Exemptions From License Fees for Certain Vehicles reflects a desire to <b>add an exemption for vehicles owned by volunteer deputies of the Sheriff during the continuation of their volunteer service.</b></p> <p>This is currently the case for active and retired Fluvanna firefighters and rescue personnel.</p>				
<b>FISCAL IMPACT:</b>	Based on 15-20 volunteer Reserve Deputies and the current vehicle license fee charge of \$33 per year, the loss of annual revenue would be \$495 to \$660.				
<b>POLICY IMPACT:</b>	As stated				
<b>LEGISLATIVE HISTORY:</b>	N/A				
<b>ENCLOSURES:</b>	Draft Amendment				
<b>REVIEWS COMPLETED:</b>	Legal	Finance	Purchasing	HR	Other
	X	X			





**AN ORDINANCE TO AMEND AND REENACT CHAPTER 15, ARTICLE 2, SECTION 15-2-3 OF THE FLUVANNA COUNTY CODE REGARDING EXEMPTIONS FROM LICENSE FEES FOR CERTAIN VEHICLES**

**BE IT ORDAINED BY THE BOARD OF SUPERVISORS OF FLUVANNA COUNTY** that Chapter 15, Article 2, Section 15-2-3 of the County Code be, and it is hereby, AMENDED as follows:

**Sec. 15-2-3. Amount of fee; when fee due and payable; collection; exemptions.** ~~Effective until January 1, 2019)~~

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The license fee on every motorcycle shall be eighteen dollars (\$18) per year, on every trailer and semi-trailer shall be eighteen dollars (\$18) and on every other type of motor vehicle shall be thirty-three dollars (\$33) per year, payable to the treasurer of this county. Such license fee shall be due and payable on June 5 in each year. If any license fee owed pursuant to this article is not paid on or before its due date, then the treasurer may add the cost of any fee incurred by the county pursuant to section 46.2-752(J) of the Virginia Code to the license fee due and owing to the county. The treasurer shall, after the due date of any license fee required by this section, collect such license fee in accordance with the provisions of section 58.1-3919 of the Virginia Code and any other applicable law. Additionally, the treasurer shall have the authority to take action as authorized by section 46.2-752(J) of the Virginia Code. The foregoing notwithstanding, the license fee provided for by this Chapter shall not be assessed on vehicles owned by active members of volunteer rescue squads and active members of volunteer fire companies located in the county (at one vehicle per such member); and for the following who served at least ten (10) years in the county: former members of volunteer rescue squads and former members of volunteer fire companies located in the county (at one vehicle per such former member). In addition to the foregoing, effective January 1, 2020, the license fee provided for this Chapter shall not be assessed on vehicles owned by volunteer reserve deputies of the Sheriff (at one vehicle per such member) during the continuation of their volunteer service.

7 (Ord. 10-9-61; Ord. 3-15-73; Min. Bk. 7, pp. 141-144; Comp. 1974, ch. 16; Ord. 5-4-81; Min. Bk. 10, p. 82; Ord. 10-3-88; Ord. 5-21-97; Ord. 12-20-06; Ord. 4-20-11; Ord. 4-18-18)



**FLUVANNA COUNTY BOARD OF SUPERVISORS  
AGENDA ITEM STAFF REPORT**

<b>MEETING DATE:</b>	February 20, 2019				
<b>AGENDA TITLE:</b>	Celebrating Pleasant Grove Park's 25 <sup>th</sup> Anniversary				
<b>MOTION(s):</b>	N/A				
<b>STRATEGIC INITIATIVE?</b>	Yes	No	<b>If yes, list initiative(s):</b>		
		x			
<b>AGENDA CATEGORY:</b>	Public Hearing	Action Matter	Presentation	Consent Agenda	Other
			x		
<b>STAFF CONTACT(S):</b>	Aaron Spitzer, Director of Parks and Recreation				
<b>PRESENTER(S):</b>	Aaron Spitzer				
<b>RECOMMENDATION:</b>	Direction				
<b>TIMING:</b>	Current				
<b>DISCUSSION:</b>	<ul style="list-style-type: none"> <li>This presentation is to get direction from the Board of Supervisors on how to proceed towards a Pleasant Grove Park 25<sup>th</sup> Anniversary event on September 7, 2019. The event will take multiple months to plan and execute which is why I am asking for direction now instead of waiting until FY20's budget approval. I would like to provide multiple events that shows the main uses of the park and invite various groups to "sponsor" one of the day's events.</li> </ul>				
<b>FISCAL IMPACT:</b>	\$6,000.00				
<b>POLICY IMPACT:</b>	N/A				
<b>LEGISLATIVE HISTORY:</b>	N/A				
<b>ENCLOSURES:</b>	N/A				
<b>REVIEWS COMPLETED:</b>	Legal	Finance	Purchasing	HR	Other
					x





# **CELEBRATING PLEASANT GROVE PARK'S 25TH ANNIVERSARY!**

**Aaron Spitzer**

**Parks & Recreation Director**

**Feb 20, 2019**

*A great place to live, learn, work, and play!*



# Pleasant Grove Park Event

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- **Pleasant Grove Park turns 25 in September 2019**
- **Propose:**
  - 25th Anniversary Celebration
  - Saturday, Sep 7, 2019, from 10am - 3pm
  - Community Safety Day, Music, Adult and children's games, 5k race, etc.
- **Lead up events:**
  - County Fair (August 14 - 17)
  - Disc Golf Tournament (August 31)



## Pleasant Grove Park Event (cont.)

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- **Plan to collaborate with:**
  - Sheriff's Department, EDTAC, Chamber of Commerce, FCHS, Scouts, and Old Farm Day Committee
- **Support funds (\$6,000) requested in FY20 Budget Proposal**



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# **BOARD DISCUSSION AND DIRECTION**



**FLUVANNA COUNTY BOARD OF SUPERVISORS  
AGENDA ITEM STAFF REPORT**

<b>MEETING DATE:</b>	Feb 20, 2019				
<b>AGENDA TITLE:</b>	Adoption of the Fluvanna County Board of Supervisors February 6, 2019 Meeting Minutes.				
<b>MOTION(s):</b>	<b>I move the meeting minutes of the Fluvanna County Board of Supervisors Regular Meeting on Wednesday, February 6, 2019, be adopted.</b>				
<b>STRATEGIC INITIATIVE?</b>	Yes	No	<b>If yes, list initiative(s):</b>		
		X			
<b>AGENDA CATEGORY:</b>	Public Hearing	Action Matter	Presentation	Consent Agenda	Other
				XX	
<b>STAFF CONTACT(S):</b>	Kelly Belanger Harris, Clerk to the Board				
<b>PRESENTER(S):</b>	Steven M. Nichols, County Administrator				
<b>RECOMMENDATION:</b>	Approve				
<b>TIMING:</b>	Routine				
<b>DISCUSSION:</b>	None.				
<b>FISCAL IMPACT:</b>	N/A				
<b>POLICY IMPACT:</b>	N/A				
<b>LEGISLATIVE HISTORY:</b>	None				
<b>ENCLOSURES:</b>	Draft Minutes for February 6, 2019				
<b>REVIEWS COMPLETED:</b>	Legal	Finance	Purchasing	HR	Other



**FLUVANNA COUNTY BOARD OF SUPERVISORS  
REGULAR MEETING MINUTES  
Circuit Court Room  
February 6, 2019  
Regular Meeting 4:00pm  
Budget Work Session 7:00pm**

**MEMBERS PRESENT:**

John M. (Mike) Sheridan, Columbia District, Chair  
Mozell Booker, Fork Union District, Vice Chair  
Patricia Eager, Palmyra District  
Tony O'Brien, Rivanna District (*Arrived at 4:11pm*)  
Donald W. Weaver, Cunningham District

**ABSENT:**

None.

**ALSO PRESENT:**

Steven M. Nichols, County Administrator  
Fred Payne, County Attorney  
Kelly Belanger Harris, Clerk for the Board of Supervisors

**1 - CALL TO ORDER, PLEDGE OF ALLEGIANCE, & MOMENT OF SILENCE**

At 4:03pm Chair Sheridan called to order the Regular Meeting of February 6, 2019. After the recitation of the Pledge of Allegiance, a moment of silence was observed.

**3 - ADOPTION OF AGENDA**

Mr. Nichols noted an inclusion of New Business: *Resolution Recognizing Devon Shifflett Eagle Scout* and also noted that Tab A: *Zion Crossroads Water & Sewer Capital Budget Project Carryover* and Tab B: *Zion Crossroads Water & Sewer Project - AG Dillard Contract* were transposed on the Agenda. Accordingly, Tab B: *Zion Crossroads Water & Sewer Project - AG Dillard Contract* will be considered first.

**MOTION**

Mr. Weaver moved to accept the Agenda, as amended, for the February 6, 2019 Regular Meeting of the Board of Supervisors. Mrs. Booker seconded and the Agenda was adopted by a vote of 4-0. AYES: Sheridan, Booker, Eager, & Weaver. NAYS: None. ABSENT: O'Brien.

**4 - COUNTY ADMINISTRATOR'S REPORT**

Mr. Nichols reported on the following topics:

- Announcements and Updates
  - Fluvanna County is sponsoring "Landlord/Tenant Rights and Responsibilities Workshops"; two dates, Weekend and weeknight
  - Dedication of Emancipation Proclamation Memorial - Tuesday, February 12<sup>th</sup>, 3:00 pm, Civil War Park, Palmyra
  - Fluvanna Farm Heritage Museum Set to Open in Spring of 2019, Old Farm Day – Saturday, May 4
  - Fluvanna County Water Supply Plan update, Accepted by DEQ, Next update scheduled for 2023
  - New Public Works Director onboard - Calvin Hickman began work on Jan 28th
- Upcoming Meetings

Day	Date	Time	Purpose	Location
Wed	Feb 13	7:00 PM	Budget Work Session – Constitutional Officers	Morris Room
Wed	Feb 20	4:00 PM 7:00 PM	FCPS FY20 Adopted Budget Work Session Regular Meeting	Courtroom
Wed	Feb 27	7:00 PM	Budget Work Session – Agency Briefs <i>Set Maximum RE Tax Rate for Advertising</i>	Morris Room

**5 - PUBLIC COMMENTS #1**

At 4:11pm Chair Sheridan opened the first round of Public Comments.

With no one wishing to speak, Chair Sheridan closed the first round of Public Comments at 4:11pm.

**6 - PUBLIC HEARING**

None.

**7 - ACTION MATTERS**

*Zion Crossroads Water & Sewer Project - AG Dillard Contract*—Cyndi Toler, Purchasing Officer requested approval of an agreement with A.G. Dillard, Inc., to construct the Zion Crossroads Water and Sewer System. Mrs. Toler provided background on the project:

- May 2018: IFB's issued for Construction
  - Bid Opening on October 9, 2018 at the Fluvanna Community Center
  - Bids Received

- 2018-03 Water and Sewer System- 6 Bids
- 2018-04 Elevated Water Tank- 4 Bids
- 2018-05 Water Booster Station and Wastewater Pump Station- 6 Bids
- Low bids have all been reviewed and approved by both Dewberry Engineers and the County Attorney’s office.

CONSTRUCTION CATEGORY	Estimated Construction Cost	Final Low Bid	Bidder	Bid to Estimate Difference
Water Main (DOC east to 250/15)	\$2,567,000			
Water Main (DOC west to Memory Lane)	\$549,000			
Wastewater Force Main	\$2,965,000			
<b>Water &amp; Wastewater Main Subtotal</b>	<b>\$6,081,000</b>	<b>\$4,993,625</b>	<b>AG Dillard</b>	<b>(\$1,087,375)</b>

- AG Dillard, Inc. is locally owned and operated since 1966; Headquartered in Fluvanna County
  - Has worked extensively with Fluvanna County and other surrounding counties on prior projects
  - Their corporate headquarters are located on the water service line; they have a vested interest in completing high quality work
- Budgeted in the ZXR Water system project

With no discussion,

**MOTION**

Mrs. Eager moved the Board of Supervisors approve the Zion Crossroads Water and Sewer Line Contract with AG Dillard, Inc., in the amount of \$4,993,625.44, and authorize the County Administrator to execute the Agreement, subject to approval as to form by the County Attorney. Mrs. Booker gave second and the motion passed 5-0. AYE: Sheridan, O’Brien, Booker, Eager, & Weaver. NAY: None. ABSENT: None.

*Zion Crossroads Water & Sewer Capital Budget Project Carryover*—Eric Dahl, Deputy County Administrator & Finance Director requested the carry-over of unexpended FY18 Zion Crossroads Capital Budget to the FY19 Zion Crossroads Capital Budget. Mr. Dahl reiterated that this is a not a request for new County funds.

- At the end of FY18, the remaining Zion Crossroads Water and Sewer Capital Budget available was \$8,650,551.82.
- It is necessary to carry-over the budget, as the proceeds are restricted and taken out for the benefit of Zion Crossroads Water and Sewer project.

Category	FY18 Beginning Budget	FY18 Expended	FY18 Available Budget
Design / Build Construction	\$ 6,132,000.00		6,132,000.00
Professional Services	288,733.19		288,733.19
Legal - Real Estate Acquisition Services	50,000.00		50,000.00
Land / Right of Way Acquisition	150,000.00		150,000.00
Wetland Mitigation Credits	4,000.00		4,000.00
Consulting	500,000.00		500,000.00
Legal - Costs of Issuance	107,526.20	107,526.20	-
Local Costs of Issuance	35,000.00	33,234.47	1,765.53
Contingency	1,524,053.10		1,524,053.10
<b>TOTALS</b>	<b>\$ 8,791,312.49</b>	<b>\$ 140,760.67</b>	<b>\$ 8,650,551.82</b>

With no discussion,

**MOTION**

Mr. O’Brien moved the Board of Supervisors approve the carry-over of the unexpended FY18 Zion Crossroads Water and Sewer Fund Capital Budget in the amount of \$8,650,551.82 and reappropriate that amount to the FY19 Zion Crossroads Water and Sewer Fund Capital Budget. Mr. Weaver gave second and the motion passed 5-0. AYE: Sheridan, O’Brien, Booker, Eager, & Weaver. NAY: None. ABSENT: None.

**7A – BOARDS AND COMMISSIONS**

None.

**8 – PRESENTATIONS**

*Shelter for Help in Emergency FY20 Budget Appeal*—Shaniece Bradford, Shelter for Help in Emergency, provided an annual report of activities in support of their FY20 Budget request.

**9 - CONSENT AGENDA**

The following items were discussed before approval:

*First Amendment to Water Tower Lease Agreement*

*Consent to Modify Equipment on Water Tower*

The following items were approved under the Consent Agenda for February 6, 2019:

*Minutes of January 23, 2019*—Kelly Belanger Harris, Clerk to the Board

*First Amendment to Water Tower Lease Agreement*—Cyndi Toler, Purchasing Officer

*Consent to Modify Equipment on Water Tower*—Cyndi Toler, Purchasing Officer

*2nd Amendment to Project Agreement # 4 - Bowman*—Cyndi Toler, Purchasing Officer

**MOTION**

Mr. Weaver moved to approved the consent agenda, for the February 6, 2019 Board of Supervisors meeting. Mrs. Booker seconded and the motion passed 5-0. AYE: Sheridan, Booker, Eager, O'Brien, & Weaver. NAY: None. ABSENT: None.

**10 - UNFINISHED BUSINESS**

None.

**11 - NEW BUSINESS**

*Resolution Recognizing Devon Shifflett Eagle Scout*—Steven M. Nichols, County Administrator requested adoption of a "Resolution Recognizing Devon Shifflett Eagle Scout." Mrs. Eager agreed to present the Resolution to Mr. Shifflett at his Court of Honor.

With no discussion,

**MOTION**

Mr. O'Brien moved the Fluvanna County Board of Supervisors adopt the resolution entitled "Recognizing Devon Shifflett for Award of Eagle Scout Status." On a second by Mrs. Eager, the motion passed 5-0. AYE: Sheridan, O'Brien, Booker, Eager, & Weaver. NAY: None. ABSENT: None.

Mr. O'Brien requested a review of current policy that grants personal property exemptions for First Responders serving the County. Mr. O'Brien reports a suggestion from Mr. Bob Dorsey, Rivanna District Citizen, to extend that same exemption to the Sheriff's Office reserve deputies. The Board directed staff to complete the review and report back on options and costs.

**12 - PUBLIC COMMENTS #2**

At 4:33pm Chair Sheridan opened the second round of Public Comments.

With no one else wishing to speak, Chair Sheridan closed the second round of Public Comments at 4:33pm.

**RECESS FOR DINNER AND CLOSED SESSION****13 - CLOSED MEETING****MOTION TO ENTER INTO A CLOSED MEETING**

At 4:33pm, Mr. O'Brien moved the Fluvanna County Board of Supervisors enter into a closed meeting, pursuant to the provisions of Section 2.2-3711 A.1, A.3, A.6, & A.7 of the Code of Virginia, 1950, as amended, for the purpose of discussing Personnel, Real Estate, Investment of Funds, and Legal Matters. Mr. Weaver seconded. The motion carried, with a vote of 5-0. AYE: Sheridan, Booker, Eager, O'Brien, and Weaver. NAY: None. ABSENT: None.

**MOTION TO EXIT A CLOSED MEETING & RECONVENE IN OPEN SESSION**

At 7:02pm, Mr. O'Brien moved that the Closed Meeting be adjourned and the Fluvanna County Board of Supervisors convene again in open session and "BE IT RESOLVED, the Board of Supervisors does hereby certify to the best of each member's knowledge (i) only public business matters lawfully exempted from open meeting requirements under Section 2.2-3711-A of the Code of Virginia, 1950, as amended, and (ii) only such public business matters as were identified in the motion by which the closed meeting was convened were heard, discussed, or considered in the meeting." Mr. Weaver seconded. The motion carried, with a roll call vote, of 5-0. AYES: Sheridan, Booker, Eager, O'Brien, and Weaver. NAYS: None. ABSENT: None.

*Settlement of Ward v. Board of Supervisors, Case no. 18 CL 8*—Steven M. Nichols, County Administrator O'Brien, Eager 5-0

**MOTION**

Mr. O'Brien moved that the Board of Supervisors approve the settlement of the case now pending in the circuit court of Fluvanna County having a style of Ward v. Board of Supervisors, Case No. 18 CL 58, as memorialized in a memorandum of settlement, dated February 4, 2019, a true copy of which is attached to this motion and incorporated herein by reference; and I further move that the County Administrator and the County Attorney be authorized to implement and perform the terms of the said settlement in due course. On a second by Mrs. Eager, the motion passed 5-0. AYE: Sheridan, O'Brien, Booker, Eager, & Weaver. NAY: None. ABSENT: None.

**BUDGET WORK SESSION**

County Administrator’s FY20 Budget Proposal and FY21-24 Projected Budgets (The Five-Year Financial Plan) – Steve Nichols, County Administrator

**FY20 Combined Budget Proposal Highlights**

- Budget totals \$80,567,727
  - Real Estate tax rate of \$0.923 (FY18 - \$0.939)
    - Results in a tax increase of 3.35% for the average homeowner above the \$0.893 equalized tax rate based on our recent reassessment.
  - No change to the Personal Property tax rate (Remains at \$4.35 per \$100 of assessed value)
  - No change to the Business and Public Utility Personal Property tax rates (Remains at \$2.90 per \$100 of assessed value)
  - No change to the Machinery & Tools tax rate (Remains at \$1.90)
- Increases overall County expenditures by \$1.78 million, a 2.2% increase from the FY19 amended budget
  - Reduction of almost \$4.3 million from the FY20 departmental budget requests.
- Maintains essential services,
- Supports the County’s core human service needs,
- Makes a small investment in the County's infrastructure,
- Maintains cultural and recreation activities,
- Provides funding for support organizations valued by our residents, and
- Adds funding for key staff positions, including: a County-wide Fire and Rescue Chief, a Director of Public Utilities, and the Assistant County Administrator role.

**Additional Budget Notes**

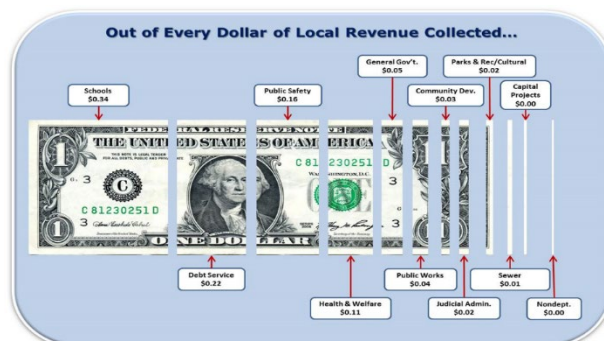
- Population levels are beginning to slowly rise; Fluvanna County’s population increased by 1,001 residents from 2010 to 2018, a 3.9% increase.
- Permits for new home construction increased from 91 to 121 between 2017 and 2018.
- Business and industrial building construction permits remained very low over the same period.
- Overall, the value of all facilities related to approved permits was more than \$37 million in 2018, an increase of almost \$9 million over 2017.
- The most recent reassessment, effective on January 1, 2019, resulted in ~4.0% increase in real estate values.
- Fluvanna County has an appropriately conservative, reserve restricted Fund Balance of \$8.7 million
- County also has ~\$6M in unassigned fund balance
- BOS will have some flexibility during this budget year to make decisions for funding special projects or other important one-time expenditures.
- Staff will present various fund balance and debt financing alternatives and options to most efficiently accomplish County priorities.

**Revenue Highlights**

- Budget maintains projected tax collection rates from the prior year:
  - Real Estate - 97.5%, and Personal Property - 93.5% (potential for adjustment?)
- Projected General Fund revenues will increase by \$1.7 million above the FY 2019 amended budget amount. The most significant contributing factors are:
  - Overall \$1.1 million increase in tax revenue.
  - \$200,000 increase in Schools revenue.
  - \$560,000 use of Fund Balance to fund CIP projects.

Revenue Category	FY19 Budget (Amended)	FY20 COAD Proposed	Percent Change
GENERAL FUND OPERATING REVENUE	\$48,890,507	\$50,035,960	2.3%
SCHOOLS	\$23,940,963	\$24,170,989	1.0%
SOCIAL SERVICES	\$1,735,137	\$1,713,219	-1.3%
DEBT SERVICE	\$238,362	\$224,746	-98.7%
CIP	\$1,960,930	\$2,421,610	23.5%
ENTERPRISE	\$2,056,340	\$1,997,703	-2.9%
<b>REVENUES TOTAL</b>	<b>\$78,822,239</b>	<b>\$80,564,227</b>	<b>2.2%</b>

Where does the revenue go?



Expenditure Highlights

- Department and agency budgets are lean, but adequately cover day-to-day operational requirements.
  - School System funding requirements still need to be addressed.
- Expenditure increases in the FY20 Budget are primarily the result of:
  - \$250,000 increase in Public Safety operating costs.
  - \$375,000 for broadband expansion incentives.
  - \$800,000 for additional CIP projects and equipment.

Expenditure Category	FY18 Budget (Amended)	FY19 COAD Proposed	Percent Change
GENERAL GOVERNMENT	\$2,887,948	\$2,904,402	0.6%
JUDICIAL ADMINISTRATION	\$1,186,044	\$1,182,080	-0.3%
PUBLIC SAFETY	\$8,264,633	\$8,516,422	3.0%
PUBLIC WORKS	\$2,333,829	\$2,380,078	2.0%
HEALTH AND WELFARE	\$5,949,648	\$5,998,320	0.8%
PARKS, RECREATION & CULTURAL	\$965,931	\$962,598	-0.3%
COMMUNITY DEVELOPMENT	\$1,338,562	\$1,308,808	-2.2%
NON-DEPARTMENTAL	\$470,335	\$945,066	100.9%
SCHOOLS	\$41,368,542	\$41,585,586	0.5%
DEBT SERVICE	\$9,118,593	\$9,077,684	-0.4%
CIP	\$2,110,930	\$2,921,610	38.4%
ENTERPRISE	\$2,792,678	\$2,781,573	-0.4%
<b>EXPENDITURES TOTAL</b>	<b>\$78,787,673</b>	<b>\$80,564,227</b>	<b>2.3%</b>

Capital Projects Fund

- Difficult decisions were made to recommend only a very few essential capital project items for funding next year.
  - Many requested projects of less urgency were delayed until later fiscal years to avoid affecting the tax rates or debt service funding requirements.
- Recommended capital expenditures are higher than the amount approved in FY19 and include funding for:
  - Essential and ongoing County and School building maintenance
  - School bus and student transport vehicle replacements
  - Sheriff’s Office, Social Services, and County vehicle replacements
  - Fire & Rescue Self-Contained Breathing Apparatus (SCBA) and Heart Monitor replacements
- Many other items are important, but not yet critical, and not included in FY20 funding.
  - Cannot continue to defer essential maintenance, equipment, and vehicles; before long they will be beyond effective life, potentially compromise safety, or fail at a critical time of use.
  - Debt service financing may be required to maintain adequate and safe service levels for the community.

Employee Pay and Benefits Plan

- Budget proposal includes funds for a modest 1% cost of living increase.
  - Previous 2% COLA started Jul 1, 2018
  - Need to look at potential targeted raises for those at the lower pay scales.
- Health Benefits Plan – Premiums expected to rise
  - Budget includes \$200,000 to partially cover the potential increases to lessen the adverse impact on employees.
  - Continuing to assess potential options to accommodate cost increases.

Staffing Needs

INCLUDED FY20 Budget Proposal			NOT INCLUDED FY20 Budget Proposal		
Fire & Rescue Chief	Emergency Mgmt	New FT Position	Deputy Sheriff	Sheriff’s Office	New FT Position
Asst County Administrator	County Admin	New FT Position	Deputy Sheriff	Sheriff’s Office	New FT Position
Public Utilities Director	Public Utilities	New FT (eff. Jan 2020)	Family Services Supervisor	DSS	New FT Position
CSA Coordinator	Finance	Position Upgrade	Fraud Investigator	DSS	New PT Position
Board of Supervisors	Pay Increase	Last increase 2008	Kitchen Worker	P&R	New PT Position
CVRJ Jail Board	Pay Increase	Last increase 2014	Maintenance Worker	P&R	New PT Temp
Social Services Board	Pay Increase	Last increase 2014	Chief Deputy Sheriff	Sheriff’s Office	Position Upgrade
Planning Commission	Pay Increase	Last increase 2014	Principal Planner	Planning	Position Upgrade
Board of Zoning Appeals	Pay Increase	Last increase 2014	Library Clerk	Library	Add'l PT hours
			Summer Internship	Human Resources	Temporary

Future Years Budget Planning (FY20-23)

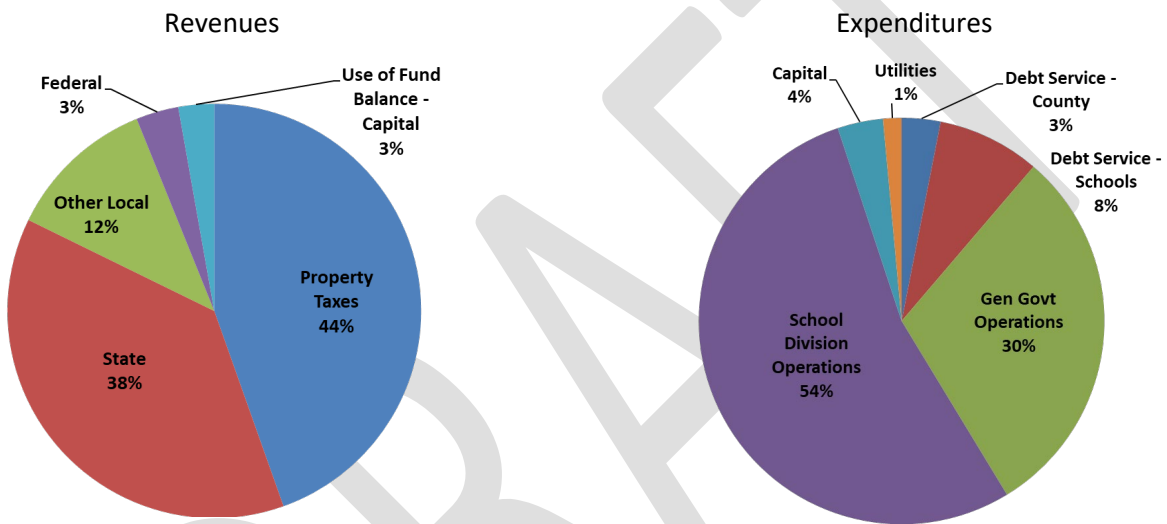
- Economic trends and conditions are also factored into assumptions used in developing expenditure and revenue projections.
  - Forecasts for subsequent years rely on previous year expenditures and revenues as a starting point.
  - Increases and decreases are itemized for specific, known changes, and summarized with inflation factors for the majority of normal operational spending.
- When reviewing the plan, it is important to remember that only the first year is adopted and appropriated by the Board of Supervisors.
  - Remaining plan years are based on current programmatic and financial conditions.
  - Dollar totals or positions in the plan are likely to change, but, if current needs and conditions remain relatively constant, the overall direction and emphasis reflected in the plan should remain consistent.

New Revenue Sources

- Staff continues to review and investigate other potential new revenue sources for discussion during the budget process. These include:
  - Business license/registration requirement
  - Business Equipment Depreciation Schedule revision
  - Vehicle License Fee revisions
  - Building inspections, development, and other service fees revisions

FY20 Revenues and Expenditures – Eric Dahl, DCA / Finance Director

FY20 COAD Proposed Budget - \$80,564,227



General Fund Revenue Summary – FY18-20

A	B	C	D	E	F
Revenue Source	FY18 Actual	FY19 Amended Budget	FY20 COAD	Over/(Under) Budget	FY19 to FY20 Inc/Dec
				(D-C)	(D-C)/C
General Property Taxes	\$34,771,214	\$35,429,304	\$36,329,748	\$900,444	2.5%
Other local taxes	\$3,639,617	\$4,209,500	\$4,416,500	\$207,000	4.9%
Permits and fees	\$325,260	\$271,100	\$293,600	\$22,500	8.3%
Fines and forfeitures	\$55,563	\$46,000	\$61,500	\$15,500	33.7%
Use of money	\$103,468	\$84,986	\$178,000	\$93,014	109.4%
Charges for services	\$906,672	\$810,300	\$825,125	\$14,825	1.8%
Miscellaneous	\$568,690	\$159,463	\$149,654	-\$9,809	-6.2%
Recovered Cost	\$142,951	\$112,570	\$120,950	\$8,380	7.4%
Commonwealth	\$8,435,417	\$7,742,379	\$7,795,246	\$52,867	0.7%
Federal	\$1,530,782	\$1,338,406	\$1,428,602	\$90,196	6.7%
<b>Total</b>	<b>\$50,479,634</b>	<b>\$50,204,008</b>	<b>\$51,598,925</b>	<b>\$1,394,917</b>	<b>2.78%</b>

Top 4 Local Revenue Sources

A	B	C	D	E	F
Revenue Source	FY18 Actual	FY19 Amended Budget	FY20 COAD	Over/(Under) Budget	FY19 to FY20 Inc/Dec
				(D-C)	(D-C)/C
Real Estate Taxes	\$22,614,196	\$22,711,714	\$23,635,674	\$923,960	4.1%
Personal Property Taxes	\$6,204,439	\$6,209,365	\$6,209,356	(\$9)	0.0%
Public Service Corporation	\$5,363,122	\$5,053,429	\$4,967,813	(\$85,616)	-1.7%
Local Sales Taxes	\$1,783,287	\$1,700,000	\$1,750,000	\$50,000	2.9%



Commonwealth of VA Revenue

PPTRA	\$2,996,570
Compensation Board	\$1,878,470
CSA	\$1,867,931
Social Services	\$600,896
Miscellaneous	\$451,379
<b>TOTAL</b>	<b>\$7,795,246</b>

Real Estate Tax

#	Category	FY20 Residential	FY20 Commercial	Final Date
1	Total Assessed Real Estate Value	\$3,166,600,900	\$116,879,800	Supplements thru Oct.
2	Non-Taxable Real Estate Value	-\$314,478,800	\$0	
3	Total Taxable Real Estate Value	\$2,852,122,100	\$116,879,800	Supplements thru Oct.
4	Land Use, Conservation Easements, and Open Space Agreements (Est.)	-\$298,581,100	N/A	April
5	Tax Relief for Elderly/Veterans (Est.)	-\$46,161,637	N/A	April 1
6	Revised Taxable Real Estate Value	\$2,507,379,363	\$116,879,800	
7	Divided By	100	100	
8	Times Tax Rate	\$0.923	\$0.923	
9	Taxable Real Estate Revenue	\$23,143,112	\$1,078,801	
10	Collection Rate	97.5%	97.5%	
11	FY19 Budget Real Estate Tax	\$22,564,534	\$1,051,831	

Real Estate Penny Calculation

Real Estate (Residential) Value/100	\$25,073,794
Real Estate (Commercial) Value/100	\$1,168,798
Public Utilities Value/100	\$5,350,986
Mobile Homes Value/100	\$21,456
<b>Total Value/100</b>	<b>\$31,615,034</b>
Times \$0.01	\$0.01
<b>Revenue generated by each \$0.01 increase in tax rate (100% Collection Rate)</b>	<b>\$316,150</b>
<b>Per Penny Amount (Collection Rates: 97.5% Real Estate, 100% Public Utilities, and 97.5% Mobile Homes)</b>	<b>\$309,584</b>

General Fund Expenditure Summary – FY18-20

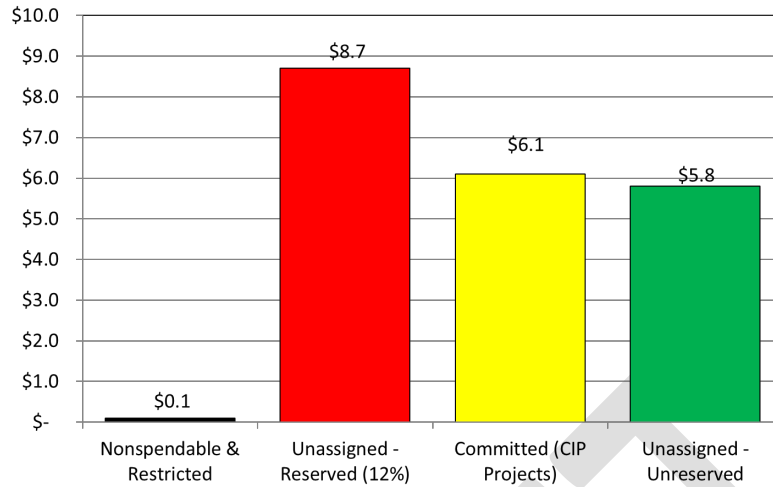
A	B	C	D	E	F
Expenditure	FY18 Actual	FY19 Amended Budget	FY20 COAD	Over/(Under) Budget (D-C)	FY19 to FY20 Inc/Dec (D-C)/C
General Govt	\$2,568,564	\$2,887,949	\$2,904,402	\$16,453	0.57%
Judicial Admin	1,160,743	1,186,044	1,182,080	(\$3,964)	-0.33%
Public Safety	7,921,285	8,264,632	8,516,422	\$251,790	3.05%
Public Works	2,173,731	2,333,847	2,380,078	\$46,231	1.98%
Health & Welfare	6,094,617	5,949,648	5,998,320	\$48,672	0.82%
Education	16,905,395	17,427,579	17,414,597	(\$12,982)	-0.07%
Parks, Rec. & Library	836,080	965,931	962,598	(\$3,333)	-0.35%
Comm. Development	768,397	1,338,562	1,308,809	(\$29,753)	-2.22%
Non-departmental	109,625	470,335	945,065	\$474,730	100.93%
Debt Service	8,861,883	9,118,593	9,077,684	(\$40,909)	-0.45%
<b>Total</b>	<b>\$47,400,320</b>	<b>\$49,943,120</b>	<b>\$50,690,055</b>	<b>\$746,935</b>	<b>1.50%</b>

FY20 Debt Service

County Projects - includes E911 Radio and Energy Project (with Schools Portion)	\$2,488,673
School Projects	\$6,589,011
<b>FY20 Debt Service (Non-Enterprise)</b>	<b>\$9,077,684</b>
Enterprise Funds (FUSD, Sewer & ZXR)	\$680,386
<b>Total FY20 Debt Service (Inc. Enterprise Funds)</b>	<b>\$9,758,070</b>

Fund Balance Overview

- General Fund Balance (\$M) – as of June 30, 2018



- Fund Balance

<b>FY18 Year End Audited Total Fund Balance:</b>	<b>\$20,773,827</b>
Nonspendable & Restricted	\$138,126
Unassigned – Reserved (12%)	\$8,687,777
Committed (CIP Projects)	\$6,103,010
<b>Unassigned Fund Balance – Excess Above Policy Target:</b>	<b>\$5,844,914</b>
Less: FY19 Abrams Abatement – 09.19.18	- \$72,001
Less: FY19 Fire Hydrant Installation (JRWA) – 10.17.18	- \$142,500
Less: FY18-19 Various Carryover Requests – 11.20.18	- \$240,700
<b>Current Unassigned – Unreserved Fund Balance (as of Feb 6, 2019)</b>	<b>\$5,389,713</b>

- Fund Balance Options

Considerations	Expenditure	Available Fund Balance
		<b>\$5,389,713</b>
VPSA Escrow Earnings	\$311,000	\$5,700,713
E911 System Core Cost (Louisa)	\$380,000	\$6,080,713
FY20 CIP	(\$1,873,640)	\$4,207,073
EDA/ CVEC	(\$375,000)	\$3,832,073
ZXR	(\$3,000,000)	\$832,073
Burn Building - Possible costs above grant	(\$200,000)	\$632,073
Add'l JRWA Costs (Estimate)	(\$1,000,000)	(\$367,927)

**MOTION TO EXTEND**

MOTION

At 8:06pm, Mr. O'Brien moved to extend the meeting to 9:00pm. On a second by Mr. Weaver the motion passed 5-0. AYE: Sheridan, O'Brien, Booker, Eager, & Weaver. NAY: None. ABSENT: None.

**14 - ADJOURN**

MOTION:

At 8:07pm Mrs. Booker moved to adjourn the regular meeting of Wednesday, February 6, 2019. Mr. O'Brien seconded and the motion carried with a vote of 5-0. AYES: Sheridan, Booker, Eager, O'Brien, & Weaver. NAYS: None. ABSENT: None.

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Kelly Belanger Harris  
Clerk to the Board

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John M. Sheridan  
Chair

DRAFT



**FLUVANNA COUNTY BOARD OF SUPERVISORS  
AGENDA ITEM STAFF REPORT**

<b>MEETING DATE:</b>	Feb 20, 2019				
<b>AGENDA TITLE:</b>	Adoption of the Fluvanna County Board of Supervisors February 13, 2019 Meeting Minutes.				
<b>MOTION(s):</b>	<b>I move the meeting minutes of the Fluvanna County Board of Supervisors Special Meeting and Budget Work Session on Wednesday, February 13, 2019, be adopted.</b>				
<b>STRATEGIC INITIATIVE?</b>	Yes	No	<b>If yes, list initiative(s):</b>		
		X			
<b>AGENDA CATEGORY:</b>	Public Hearing	Action Matter	Presentation	Consent Agenda	Other
				XX	
<b>STAFF CONTACT(S):</b>	Kelly Belanger Harris, Clerk to the Board				
<b>PRESENTER(S):</b>	Steven M. Nichols, County Administrator				
<b>RECOMMENDATION:</b>	Approve				
<b>TIMING:</b>	Routine				
<b>DISCUSSION:</b>	None.				
<b>FISCAL IMPACT:</b>	N/A				
<b>POLICY IMPACT:</b>	N/A				
<b>LEGISLATIVE HISTORY:</b>	None				
<b>ENCLOSURES:</b>	Draft Minutes for February 13, 2019				
<b>REVIEWS COMPLETED:</b>	Legal	Finance	Purchasing	HR	Other



**FLUVANNA COUNTY BOARD OF SUPERVISORS  
REGULAR MEETING MINUTES  
Circuit Court Room  
February 13, 2019  
Special Meeting 5:00pm  
Budget Work Session 7:00pm**

**MEMBERS PRESENT:** John M. (Mike) Sheridan, Columbia District, Chair  
Tony O'Brien, Rivanna District, Vice Chair  
Mozell Booker, Fork Union District  
Patricia Eager, Palmyra District  
Donald W. Weaver, Cunningham District

**ABSENT:** None.

**ALSO PRESENT:** Steven M. Nichols, County Administrator  
Fred Payne, County Attorney  
Kelly Belanger Harris, Clerk for the Board of Supervisors

**1 - CALL TO ORDER, PLEDGE OF ALLEGIANCE, & MOMENT OF SILENCE**

At 5:01pm Chair Sheridan called to order the Regular Meeting of February 13, 2019. After the recitation of the Pledge of Allegiance, a moment of silence was observed.

**13 - CLOSED MEETING**

**MOTION TO ENTER INTO A CLOSED MEETING**

At 5:01pm, Mr. O'Brien moved the Fluvanna County Board of Supervisors enter into a closed meeting, pursuant to the provisions of Section 2.2-3711 A.1, A.5, A.6, & A.7 of the Code of Virginia, 1950, as amended, for the purpose of discussing Personnel, Prospective Industry, Investment of Funds, and Litigation. Mr. Weaver seconded. The motion carried, with a vote of 5-0. AYE: Sheridan, O'Brien, Booker, Eager, and Weaver. NAY: None. ABSENT: None.

**MOTION TO EXIT A CLOSED MEETING & RECONVENE IN OPEN SESSION**

At 6:58pm, Mr. O'Brien moved that the Closed Meeting be adjourned and the Fluvanna County Board of Supervisors convene again in open session and "BE IT RESOLVED, the Board of Supervisors does hereby certify to the best of each member's knowledge (i) only public business matters lawfully exempted from open meeting requirements under Section 2.2-3711-A of the Code of Virginia, 1950, as amended, and (ii) only such public business matters as were identified in the motion by which the closed meeting was convened were heard, discussed, or considered in the meeting." Mr. Weaver seconded. The motion carried, with a roll call vote, of 5-0. AYES: Sheridan, O'Brien, Booker, Eager, & Weaver. NAYS: None. ABSENT: None.

**RECONVENE FOR BUDGET WORK SESSION**

At 7:00pm, Chair Sheridan called the Work Session Meeting of February 14, 2018 to order. After the recitation of the Pledge of Allegiance, a moment of silence was observed.

**BUDGET PRESENTATIONS**

*Treasurer* – Linda Lenherr, Treasurer provided brief remarks in support of the FY20 Budget Request. Mrs. Lenherr appealed to the Board to continue their care of and concern for County Employees during the budgeting process. Mrs. Lenherr highlighted real estate collections, collaborations with Constitutional Officers, other County Staff and Departments, and complimented and thanked her staff for the high quality of work they are able to accomplish.

*Commissioner of the Revenue* – Andrew (Mel) Sheridan, Commissioner of the Revenue spoke in support of the FY20 Budget Request.

- Mr. Sheridan focused on the following:
  - Great Office Staff
    - All Deputies in Career Development Program
    - 4 are certified to date (Ms. Brown rec's certificate 7/1/19)
    - 1 will become certified in 2019
  - Smooth transition to new offices
    - Transitioned office entirely to electronic forms (paper still available to public)
    - All IT work now done by office staff (with excellent support of IT Dept)
  - Operations Total:   **2019** -\$38,991           **2020** -\$40,095

Mr. Sheridan thanked the Board for:

- Consistent funding
- Both operational and personnel
- Excellent Support from all County staff
- Solid team environment
- New Remodeled Office

*Clerk of the Circuit Court* – Tristana Pace Treadway, Clerk to the Circuit Court presented an overview of FY19 projects in support of the FY20 Budget request. Mrs. Treadway reported that several members of her staff are enrolled in a career development program. Mrs. Treadway noted that the FY20 Budget Request is \$2500 more than FY19.

Highlights included:

- By the numbers:
 

• Criminal Cases Commenced	369	• Assumed Names	87
• Civil Actions Commenced	297	• Marriage Licenses	100
• Wills & Estate initiated	173	• Notary Qualified	64
• Judgments/Financing Statements	701	• Passports	1076
• Deed Recorded	4014	• Restitution	378
• Concealed Handgun Permits	573		
- Changes/Improvements
  - Window tinting in Courtroom & throughout records room
  - Marriage license back scanning project complete
  - New audio system in Courtroom/Audio cabinet upgrade
  - 2019 Circuit Court Clerk's Office goes file-less
  - Voluntary Management Analysis completed 1/2019
  - APA financial audit completed 2/2019
  - Front Counter privacy/safety enhancements
  - Law Library Shelving
  - Heating/AC Unit Enclosure in Records Room
- Preservation
  - 3 Books Preserved & Returned
  - 6 Books Currently Out for Preservation
  - Information for New Grant Cycle Just Released

*Sheriff* – Sheriff Eric Hess provided comprehensive overview of Sheriff's Office activities in support of FY20 Budget Request.

Highlights included:

- CIP Project to install security cameras at Public Safety Building completed in FY19
- FCSO Pillars of 21st Century Policing
  - Building Trust and Legitimacy
  - Policy and Oversight
  - Technology and Social Media
  - Community Policing and Crime Reduction
  - Training and Education
  - Officer Wellness
- Safe Community Initiatives
  - Business Watch
  - Project Lifesaver
  - Fluvanna Child ID
  - Safe Exchange Program
  - Community Event Notification
- Business Watch
  - Increase communication between law enforcement, business owners, managers, and supervisors
  - Help build a safer environment for both the employee and your consumers
  - Built around three different elements
- Community Event Notifications – web-based form to inform the Sheriff's Office of events that may warrant additional resources and awareness
- Increased Calls for Service; little increase in Emergency Calls
- Work load increases
  - Arrests
  - Court Summons
  - Civil Process and Enforcement
- Judicial Case Load Increasing
  - State Compensation Board Request – 2 new deputy positions
  - Due to the amount of local case load courts have added additional courts days in each court.
  - Circuit Court will be adding a new judge.
  - Need to the two deputies requested to mitigate staffing gaps with the changes and increase to workload, as State Compensation Board assessed.
- Maintaining a balanced fleet for calls for service

*Commonwealth's Attorney* – Jeff Haislip, Commonwealth's Attorney gave brief synopsis of the work of the Commonwealth's Attorney's office.

Mr. Haislip reported on the following:

- The collaborative nature of the work, with the Clerk's Office and the Sheriff's Office
- Assistant Commonwealth's Attorney Todd Shockley is seeking to begin the Career Prosecutor Program.
- The nature and number of types of cases



- Implementation of Drug Court Program for Fluvanna County
- FY20 Budget request is \$290 above FY19 budget

Following the presentations, Mr. Nichols recognized Ms. Karen Davis, CFO, JAUNT, and noted that meetings between the County and JAUNT will soon be scheduled in order to discuss current trends in ridership and funding. Ms. Davis spoke to the willingness of JAUNT to partner with localities to find the best options for each locality. Mr. Nichols suggested community dialogue meetings with Board members, citizens, and involved agencies.

**14 - ADJOURN**

**MOTION:**

At 8:23pm Mr. O'Brien moved to adjourn the Special Meeting and the Budget Work Session of Wednesday, February 13, 2019. Mrs. Booker seconded and the motion carried with a vote of 5-0. AYES: Sheridan, O'Brien, Booker, Eager, & Weaver. NAYS: None. ABSENT: None.

ATTEST:

FLUVANNA COUNTY BOARD OF SUPERVISORS

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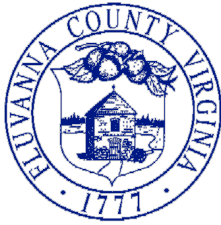
Kelly Belanger Harris  
Clerk to the Board

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John M. Sheridan  
Chair

DRAFT





# COUNTY OF FLUVANNA

*"Responsive & Responsible Government"*

P.O. Box 540  
Palmyra, VA 22963  
(434) 591-1910  
Fax (434) 591-1911  
www.fluvannacounty.org

## MEMORANDUM

**Date:** February 20, 2019  
**From:** Finance Department  
**To:** Board of Supervisors  
**Subject:** **Accounts Payable Report for January 2019**

1. Staff recommends that the Board of Supervisors ratify the expenditures in the attached report and summarized below.

<b>CATEGORY</b>	<b>AMOUNT</b>
General	\$1,497,797.58
Capital Improvements	\$134,562.12
Debt Service	\$1,024,454.56
Sewer	\$785.46
Fork Union Sanitary District	\$24,007.45
Zion Crossroads Water & Sewer	\$46,834.77
<b>TOTAL AP EXPENDITURES</b>	<b>\$2,728,441.94</b>
Payroll	\$881,571.64
<b>TOTAL</b>	<b>\$3,610,013.58</b>

## **MOTION**

I move the Accounts Payable and Payroll be ratified for **January 2019** in the amount of **\$3,610,013.58**.

Encl:  
AP Report



	A	B	C	D	F	G	H	J
1	<b>County of Fluvanna</b>		<b>From Date: 1/1/2019</b>					
2	<b>Accounts Payable List</b>		<b>To Date: 1/31/2019</b>					
3								
5	<b>Vendor Name</b>	<b>Charge To</b>	<b>Description</b>	<b>Invoice Number</b>	<b>Invoice Date</b>	<b>Check Date</b>	<b>Check Amount</b>	
6	<b>Fund # - 100 GENERAL FUND</b>							
7	<b>GENERAL FUND</b>							
8	LOUISA COUNTY, TREASURER	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 011119	000000066991	1/10/2019	1/30/2019	82.00	
9	LOUISA COUNTY, TREASURER	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 012519	67509	1/25/2019	1/30/2019	82.00	
10	MINNESOTA LIFE INS. CO	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 122818	000000066821	12/27/2018	1/4/2019	171.16	
11	MINNESOTA LIFE INS. CO	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 121418	000000066614	12/17/2018	1/4/2019	171.80	
12	MINNESOTA LIFE INS. CO	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 012519	67507	1/25/2019	1/30/2019	161.46	
13	MINNESOTA LIFE INS. CO	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 011119	000000066989	1/10/2019	1/30/2019	174.10	
14	VACORP	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 121418	000000066615	12/17/2018	1/4/2019	586.43	
15	VACORP	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 122818	000000066822	12/27/2018	1/4/2019	600.46	
16	VACORP	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 012519	67508	1/25/2019	1/30/2019	567.92	
17	VACORP	CLEARING ACCOUNT-	Payroll Run 1 - Warrant 011119	000000066990	1/10/2019	1/30/2019	583.24	
18								
19							<b>Total:</b>	<b>\$3,180.57</b>
20	<b>REAL ESTATE TAXES</b>							
21	BATES, JAMES & KAVIN	R E 2018 - 1ST	RE 2018 39-A-56	66831	12/28/2018	1/4/2019	641.33	
22	HUEHN, SCOTT A	R E 2018 - 1ST	RE 2018 18A-6-189	66982	1/8/2019	1/10/2019	930.00	
23	INNSBROOK LAW GROUP	R E 2015 - 1ST	RE 2015 40-A-42	66981	1/8/2019	1/10/2019	9,719.16	
24	MAIR, JACOB A	R E 2018 - 1ST	RE 2018 18A-9-47	66832	12/28/2018	1/4/2019	1,089.71	
25							<b>Total:</b>	<b>\$12,380.20</b>
26								
27	<b>OTHER LOCAL TAXES</b>							
28	CARPENTER, JOHN WILLIAM	ADMIN FEE VEHICLE	PP 2018 440	66983	1/8/2019	1/10/2019	5.94	
29	CARR, BRYSON MARKEITH ANTHONY	ADMIN FEE VEHICLE	PP 2018 219690	66984	1/8/2019	1/10/2019	10.00	
30	HARLOW, KELSEY NICOLE	ADMIN FEE VEHICLE	PP 2018 13477	66833	12/28/2018	1/4/2019	193.60	
31	HOSPODAR, MATTHEW EDWARD	ADMIN FEE VEHICLE	PP 2018 1305	66834	12/28/2018	1/4/2019	7.37	
32	HOWARD, ARTIEA MARIE	ADMIN FEE VEHICLE	PP 2018 6846	66836	12/28/2018	1/4/2019	45.00	
33	JOHNSON, ERIC MICHAEL	ADMIN FEE VEHICLE	PP 2018 205188	66835	12/28/2018	1/4/2019	20.69	
34	LYON, AMBER JEAN	ADMIN FEE VEHICLE	PP 2018 10361	66837	12/28/2018	1/4/2019	25.85	
35	SCHROEDER, EDWIN	ADMIN FEE VEHICLE	PP 2018 210292	66838	12/28/2018	1/4/2019	23.62	
36	SOLIS, WILLIAM CURTIS	ADMIN FEE VEHICLE	PP 2018 2559	66839	12/28/2018	1/4/2019	3.47	
37	WERLEY, CHARLES SCOTT	ADMIN FEE VEHICLE	PP 2018 2914	66840	12/28/2018	1/4/2019	28.04	
38							<b>Total:</b>	<b>\$363.58</b>
39								
40	<b>PERMITS/FEES/LICENSES</b>							
41	BETHEL BUILDERS, LLC	BUILDING PERMITS	PERMIT REFUND (-25% ADMINISTRATIVE	592	1/15/2019	1/25/2019	832.95	
42	JES	BUILDING PERMITS	PERMIT REFUNDS (-25% ADMINISTRATIVE	INV-00000352	1/15/2019	1/25/2019	103.27	
43							<b>Total:</b>	<b>\$936.22</b>
44								



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3								
5	<b>Vendor Name</b>	<b>Charge To</b>	<b>Description</b>	<b>Invoice Number</b>	<b>Invoice Date</b>	<b>Check Date</b>	<b>Check Amount</b>	
45	<b>CHARGES FOR SERVICES</b>							
46	EMS MANAGEMENT & CONSULTANTS,	EMS COST RECOVERY	NPP LETTERS - CUST 0343	034977	12/31/2018	1/16/2019	(\$2,258.33)	
47						<b>Total:</b>	<b>(\$2,258.33)</b>	
48								
49	<b>BOARD OF SUPERVISORS</b>							
50	BANK OF AMERICA	OTHER OPERATING	P-CARD	123118	12/31/2018	1/16/2019	68.94	
51	BANK OF AMERICA	OTHER OPERATING	P-CARD	123118	12/31/2018	1/16/2019	73.03	
52	BANK OF AMERICA	OTHER OPERATING	P-CARD	123118	12/31/2018	1/16/2019	94.44	
53	E.W. THOMAS	OTHER OPERATING	BOARD DINNERS	1022 110718	1/11/2019	1/16/2019	84.23	
54	MOZELL H. BOOKER	MILEAGE ALLOWANCES	MILEAGE REIMBURSEMENT	123118	12/31/2018	1/4/2019	470.34	
55						<b>Total:</b>	<b>\$790.98</b>	
56								
57	<b>COUNTY ADMINISTRATOR</b>							
58	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19499977	12/13/2018	1/4/2019	223.00	
59	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19610423	1/13/2019	1/25/2019	223.00	
60	FLUVANNA REVIEW	ADVERTISING	COMMUNITY VOLUNTEER COORDINATOR	011319	1/16/2019	1/16/2019	2,332.00	
61	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	01515654 121818	12/18/2018	1/4/2019	10.15	
62	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	OFFICE SUPPLIES & FURNITURE	8052743791	1/5/2019	1/25/2019	193.21	
63	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	22.24	
64						<b>Total:</b>	<b>\$3,003.60</b>	
65								
66	<b>COUNTY ATTORNEY</b>							
67	PAYNE & HODOUS, LLP.	COUNTY ATTY LEGAL-	LEGAL FEES	134376	1/8/2019	1/16/2019	10,000.00	
68	PAYNE & HODOUS, LLP.	COUNTY ATTY LEGAL-	LEGAL FEES	134376	1/8/2019	1/16/2019	2,832.72	
69	PAYNE & HODOUS, LLP.	COUNTY ATTY LEGAL-	LEGAL FEES	134376	1/8/2019	1/16/2019	1,039.00	
70						<b>Total:</b>	<b>\$13,871.72</b>	
71								
72	<b>COMMISSIONER OF THE REVENUE</b>							
73	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	31.04	
74	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	58.34	
75	CAITLIN SOLIS	VEHICLE FUEL	COUNTY CAR FUEL	010919	1/9/2019	1/14/2019	24.71	
76	NADA USED CAR GUIDE	PROFESSIONAL SERVICES	NADA ONLINE LICENSE (1/1/2019 -	000709634	12/26/2018	1/14/2019	1,060.00	
77	PITNEY BOWES INC	POSTAL SERVICES	RED INK CARTRIDGE	1010834155	1/3/2019	1/16/2019	113.04	
78	STONEWALL TECHNOLOGIES	PROFESSIONAL SERVICES	VAMANET MEMBERSHIP FEE - PUBLIC	9169	12/31/2018	1/14/2019	300.00	
79	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	27.33	
80	VIRGINIA DEPT. OF MOTOR VEHICLES	PROFESSIONAL SERVICES	REPLACEMENT TOKEN EXPIRING JAN 19 -	19015045	1/15/2019	1/25/2019	65.00	
81						<b>Total:</b>	<b>\$1,679.46</b>	
82								
83	<b>REASSESSMENT</b>							



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3								
5	<b>Vendor Name</b>	<b>Charge To</b>	<b>Description</b>	<b>Invoice Number</b>	<b>Invoice Date</b>	<b>Check Date</b>	<b>Check Amount</b>	
84	PEARSON'S APPRAISAL SERVICE INC	PROFESSIONAL SERVICES	NEW CONSTRUCTION APPRAISALS	2 1/8/19	1/8/2019	1/14/2019	1,600.00	
85	STONEWALL TECHNOLOGIES	PROFESSIONAL SERVICES	ASSIST WITH GENERAL REASSESSMENT	9168	12/31/2018	1/14/2019	150.00	
86						<b>Total:</b>	<b>\$1,750.00</b>	
87								
88	<b>TREASURER</b>							
89	BMS DIRECT	POSTAL SERVICES	POSTCARD MAILING DOG TAGS -	131435P	1/9/2019	1/14/2019	570.70	
90	BMS DIRECT	POSTAL SERVICES	REAL ESTATE DELINQUENT 2018	131935P	1/24/2019	1/25/2019	428.00	
91	BMS DIRECT	POSTAL SERVICES	PERSONAL PROPERTY DELINQUENT	131934P	1/24/2019	1/25/2019	2,696.40	
92	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19499977	12/13/2018	1/4/2019	125.00	
93	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19610423	1/13/2019	1/25/2019	125.00	
94	MECHUMS RIVER SECURITY	LEASE/RENT	QUARTERLY MONITORING (265-5958)	15115	1/1/2019	1/14/2019	60.00	
95	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	0981-8795 120718	12/7/2018	1/14/2019	300.00	
96	QUILL	OFFICE SUPPLIES	CALENDAR, HAND SANTIZER	3637927	12/19/2018	1/14/2019	69.87	
97	QUILL	OFFICE SUPPLIES	FOLDERS, PAPER, PENS	4121436	1/10/2019	1/25/2019	102.85	
98	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	OFFICE SUPPLIES & FURNITURE	8052743791	1/5/2019	1/25/2019	161.94	
99	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	3.43	
100	VIRGINIA DEPT. OF MOTOR VEHICLES	DMV-ONLINE	DMV STOPS	546001282025 010919	1/9/2019	1/16/2019	2,100.00	
101	WAGNER'S MOBILE GLASS & MIRROR	EDP EQUIPMENT	QUILT DISPLAY CASE	5377	12/28/2018	1/14/2019	745.00	
102						<b>Total:</b>	<b>\$7,488.19</b>	
103								
104	<b>INFORMATION TECHNOLOGY</b>							
105	BANK OF AMERICA	ADP SERVICES	P-CARD	123118	12/31/2018	1/16/2019	14.86	
106	BANK OF AMERICA	ADP SERVICES	P-CARD	123118	12/31/2018	1/16/2019	25.00	
107	BANK OF AMERICA	ADP SERVICES	P-CARD	123118	12/31/2018	1/16/2019	119.98	
108	BANK OF AMERICA	ADP SERVICES	P-CARD	123118	12/31/2018	1/16/2019	280.34	
109	BANK OF AMERICA	ADP SERVICES	P-CARD	123118	12/31/2018	1/16/2019	480.87	
110	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19499977	12/13/2018	1/4/2019	57.00	
111	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19610423	1/13/2019	1/25/2019	57.00	
112	DELL MARKETING, L.P.	ADP SUPPLIES	DOCKING STATIONS	10292899475	1/17/2019	1/25/2019	554.37	
113	DELL MARKETING, L.P.	EDP EQUIPMENT	SERVER RESTOCKING FEE	10285889911	12/11/2018	1/25/2019	370.19	
114	STAPLES CONTRACT & COMMERCIAL,	FURNITURE & FIXTURES	OFFICE SUPPLIES & FURNITURE	8052743791	1/5/2019	1/25/2019	693.21	
115	TYLER TECHNOLOGIES	ADP SERVICES	APPLICATION SERVICES 01/01/19 -	045-249126	1/1/2019	1/16/2019	40,662.00	
116	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	2,140.27	
117						<b>Total:</b>	<b>\$45,455.09</b>	
118								
119	<b>FINANCE</b>							
120	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	49.99	
121	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	788.35	
122	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19499977	12/13/2018	1/4/2019	223.00	



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123	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19610423	1/13/2019	1/25/2019	223.00	
124	EMS MANAGEMENT & CONSULTANTS,	CONTRACT SERVICES	NPP LETTERS - CUST 0343	034977	12/31/2018	1/16/2019	3,069.86	
125	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	01515654 121818	12/18/2018	1/4/2019	164.05	
126	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	OFFICE SUPPLIES & FURNITURE	8052743791	1/5/2019	1/25/2019	43.84	
127	THE ARTINA GROUP, INC.	OFFICE SUPPLIES	1096 & 1099-MISC SHEETS	27971	1/11/2019	1/25/2019	97.22	
128	THE ARTINA GROUP, INC.	OFFICE SUPPLIES	W2 & 1099M FORMS	28252	1/16/2019	1/25/2019	232.59	
129	THE ARTINA GROUP, INC.	OFFICE SUPPLIES	TAX BLANK & 1095C IRS COPY	28052	1/14/2019	1/25/2019	267.25	
130	TYLER TECHNOLOGIES	PROFESSIONAL SERVICES	YEAR END IMPLEMENTATION	045-250246	1/16/2019	1/25/2019	640.00	
131	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	9.18	
132								
133								
134	<b>REGISTRAR/ELECTORAL BOARD</b>							
135	AUTOMATED OFFICE SYSTEMS	LEASE/RENT	COPIER MONTHLY CHARGES	084345	12/27/2018	1/4/2019	155.00	
136	BANK OF AMERICA	CONTRACT SERVICES	P-CARD	123118	12/31/2018	1/16/2019	14.74	
137	ELECTION CENTER	CONVENTION AND	BLUE MEMBERSHIP	194876001	1/2/2019	1/4/2019	200.00	
138	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	8.25	
139								
140								
141	<b>HUMAN RESOURCES</b>							
142	BANK OF AMERICA	RECRUITMENT	P-CARD	123118	12/31/2018	1/16/2019	12.28	
143	BANK OF AMERICA	RECRUITMENT	P-CARD	123118	12/31/2018	1/16/2019	15.53	
144	BANK OF AMERICA	RECRUITMENT	P-CARD	123118	12/31/2018	1/16/2019	156.64	
145	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19499977	12/13/2018	1/4/2019	54.35	
146	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19610423	1/13/2019	1/25/2019	54.35	
147	MCLAUGHLIN YOUNG EMPLOYEE	PROFESSIONAL SERVICES	EAP FOR FEBRUARY 2019	51412	1/15/2019	1/16/2019	251.22	
148	PIERCE GROUP BENEFITS	PROFESSIONAL SERVICES	BENSELECT ENROLLMENT	31 FLUVANNA	1/1/2019	1/16/2019	1,348.00	
149								
150								
151	<b>GENERAL DISTRICT COURT</b>							
152	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19499977	12/13/2018	1/4/2019	134.00	
153	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19610423	1/13/2019	1/25/2019	134.00	
154	CENTURYLINK	TELECOMMUNICATIONS	MONTHLY CHARGES	309871364 121618	12/16/2018	1/4/2019	234.49	
155	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	11.06	
156	VIRGINIA BUSINESS SYSTEMS	MAINTENANCE CONTRACTS	KONICA 284e MONTHLY CHARGES	23943385	12/24/2018	1/16/2019	161.51	
157								
158								
159	<b>COURT SERVICE UNIT</b>							
160	DENNIS CRONIN	MILEAGE ALLOWANCES	MILEAGE FOR DECEMBER 2018	011019	1/10/2019	1/16/2019	63.77	
161	DENNIS CRONIN	OFFICE SUPPLIES	REIMBURSEMENT/PURCHASE 2 WHITE	011019 A	12/18/2018	1/16/2019	39.58	





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3								
5	<b>Vendor Name</b>	<b>Charge To</b>	<b>Description</b>	<b>Invoice Number</b>	<b>Invoice Date</b>	<b>Check Date</b>	<b>Check Amount</b>	
162	CECILIA GOMEZ-BROWN	CONVENTION AND	REIMBURSEMENT - GRAVE	121718	12/17/2018	1/4/2019	48.27	
163	RECTOR & VISITORS OF THE	CONVENTION AND	ASSESSING RISK FOR VIOLENCE WITH	5595	1/14/2019	1/16/2019	80.00	
164	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	7.87	
165								
166						<b>Total:</b>	<b>\$239.49</b>	
167	<b>CLERK OF THE CIRCUIT COURT</b>							
168	LOGAN SYSTEMS, INC.	PROFESSIONAL SERVICES	PROFESSIONAL SERVICES PER	51890	1/15/2019	1/16/2019	2,541.67	
169	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	OFFICE SUPPLIES & FURNITURE	8052743791	1/5/2019	1/25/2019	307.46	
170	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	13.01	
171	VIRGINIA BUSINESS SYSTEMS	LEASE/RENT	KONICA BIZHUB MONTHLY CHARGES	23890524	12/14/2018	1/4/2019	236.68	
172	VIRGINIA BUSINESS SYSTEMS	LEASE/RENT	KONICA MILNOTA BIZHUB MONTHLY	24062069	1/14/2019	1/25/2019	203.98	
173								
174						<b>Total:</b>	<b>\$3,302.80</b>	
175	<b>CIRCUIT COURT JUDGE</b>							
176	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	16.67	
177	CABINETS BY DESIGN	FURNITURE & FIXTURES	CABINETS & INSTALLATION	122718	12/27/2018	1/4/2019	1,933.00	
178	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	0.27	
179								
180						<b>Total:</b>	<b>\$1,949.94</b>	
181	<b>COMMONWEALTH ATTY</b>							
182	BANK OF AMERICA	SUBSISTENCE & LODGING	P-CARD	123118	12/31/2018	1/16/2019	107.85	
183	BANK OF AMERICA	SUBSISTENCE & LODGING	P-CARD	123118	12/31/2018	1/16/2019	203.36	
184	JEFF HAISLIP	MILEAGE ALLOWANCES	2018 EXECUTIVE PROGRAM	011519	1/15/2019	1/25/2019	127.53	
185	JEFF HAISLIP	SUBSISTENCE & LODGING	2018 EXECUTIVE PROGRAM	011519	1/15/2019	1/25/2019	128.00	
186	MATTHEW BENDER & CO INC	MAINTENANCE CONTRACTS	LEXIS NEXIS (DECEMBER 2018)	3091818577	12/31/2018	1/14/2019	136.00	
187	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE SUPPLIES	0994-8667 121618	12/16/2018	1/14/2019	122.64	
188	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	OFFICE SUPPLIES & FURNITURE	8052743791	1/5/2019	1/25/2019	37.34	
189	STAPLES CONTRACT & COMMERCIAL,	OTHER OPERATING	OFFICE SUPPLIES & FURNITURE	8052743791	1/5/2019	1/25/2019	423.97	
190	TODD SHOCKLEY	MILEAGE ALLOWANCES	2018 EXECUTIVE PROGRAM	011519	1/15/2019	1/25/2019	127.53	
191	TODD SHOCKLEY	SUBSISTENCE & LODGING	2018 EXECUTIVE PROGRAM	011519	1/15/2019	1/25/2019	128.00	
192	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	7.11	
193	VIRGINIA VICTIM ASSISTANCE	OTHER OPERATING	MEMBERSHIP FEE RENEWAL	01381	12/18/2018	1/16/2019	100.00	
194	WEST PAYMENT CENTER	BOOKS/PUBLICATIONS	VA PRACTICE SRS V7/V5 CRIM	839618021	1/4/2019	1/16/2019	592.00	
195								
196						<b>Total:</b>	<b>\$2,241.33</b>	
197	<b>SHERIFF</b>							
198	ADVANCE AUTO PARTS	VEHICLE/POWER EQUIP	MINI BULB - LONG LIFE 2 PACK	7306900124856	1/1/2019	1/14/2019	4.89	
199	ADVANCE AUTO PARTS	VEHICLE/POWER EQUIP	ANTIFREEZE	7306901139557	1/11/2019	1/25/2019	28.48	
200	ADVANCE AUTO PARTS	VEHICLE/POWER EQUIP	OIL FILTER AND OIL	7306901539749	1/15/2019	1/25/2019	90.03	



	A	B	C	D	F	G	H	J
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201	AMERICAN UNIFORM SALES, INC	POLICE SUPPLIES	PEPPER SPRAY	52939	1/11/2019	1/25/2019	379.50	
202	AMERICAN UNIFORM SALES, INC	UNIFORM/WEARING	UNIFORMS & PATCHES	52835	12/19/2018	1/14/2019	274.67	
203	ANGELA MELTON	POLICE SUPPLIES	VETERANS DAY WREATH	000208	1/1/2019	1/14/2019	45.00	
204	AT&T 286-3642	TELECOMMUNICATIONS	LONG DISTANCE MONTHLY CHARGES	7305055828001 010619	1/6/2019	1/25/2019	65.39	
205	AT&T MOBILITY	TELECOMMUNICATIONS	MONTHLY CHARGES	28728440627X122618	12/26/2018	1/14/2019	2.00	
206	AXON ENTERPRISES INC	POLICE SUPPLIES	TASERS	SI-1568682	12/27/2018	1/16/2019	1,800.00	
207	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD	123118	12/31/2018	1/16/2019	72.94	
208	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD	123118	12/31/2018	1/16/2019	84.18	
209	BANK OF AMERICA	COMMUNITY EDUCATION	P-CARD	123118	12/31/2018	1/16/2019	50.94	
210	BANK OF AMERICA	COMMUNITY EDUCATION	P-CARD	123118	12/31/2018	1/16/2019	91.23	
211	BANK OF AMERICA	CONVENTION AND	P-CARD	123118	12/31/2018	1/16/2019	19.42	
212	BANK OF AMERICA	INVESTIGATIVE SERVICES	P-CARD	123118	12/31/2018	1/16/2019	23.88	
213	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	12.51	
214	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	37.88	
215	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	41.83	
216	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	99.00	
217	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	129.30	
218	BANK OF AMERICA	POLICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	28.19	
219	BANK OF AMERICA	POLICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	51.99	
220	BANK OF AMERICA	POLICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	211.71	
221	BANK OF AMERICA	VEHICLE/POWER EQUIP	P-CARD	123118	12/31/2018	1/16/2019	250.00	
222	BANK OF AMERICA	VEHICLES REP & MAINT	P-CARD	123118	12/31/2018	1/16/2019	77.74	
223	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT	TIRE REPAIR	122618	12/26/2018	1/14/2019	15.00	
224	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT	TIRE & DISPOSAL	122018	12/20/2018	1/14/2019	24.00	
225	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT	4 TIRES AND DISPOSAL	010219	1/2/2019	1/16/2019	96.00	
226	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT	4 TIRES AND DISPOSAL	122818	12/28/2018	1/16/2019	96.00	
227	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT	FOUR TIRES & DISPOSAL	011119	1/11/2019	1/25/2019	96.00	
228	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19499977	12/13/2018	1/4/2019	80.95	
229	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19610423	1/13/2019	1/25/2019	80.95	
230	CENTURYLINK	TELECOMMUNICATIONS	SHERIFF'S OFFICE MONTHLY CHARGES	309797542 121618	12/16/2018	1/14/2019	166.55	
231	CENTURYLINK	TELECOMMUNICATIONS	SHERIFFS OFFICE MONTHLY CHARGES	310191749 121618	12/16/2018	1/14/2019	864.16	
232	CENTURYLINK	TELECOMMUNICATIONS	MONTHLY CHARGES	309903768 010719	1/7/2019	1/25/2019	154.50	
233	CLEAR COMMUNICATIONS AND	VEHICLES REP & MAINT	TUNING FORK CERTIFICATION	118269	1/15/2019	1/25/2019	36.00	
234	CMI, INC.	VEHICLE/POWER EQUIP	INTOX 500 KIT W/CASE	8019271	12/21/2018	1/14/2019	598.00	
235	EAST COAST EMERGENCY VEHICLES	VEHICLES REP & MAINT	PUSH BUMPERS AND LIGHTS	13034	12/31/2018	1/14/2019	1,766.36	
236	FLUVANNA SPCA	CONTRACT SERVICES	ANIMAL SHELTERING SVCS: FY19 3RD	10119	1/1/2019	1/7/2019	50,318.50	
237	GALLS, LLC.	POLICE SUPPLIES	CHARGER HOLDERS, AC PLUG	011684440	1/9/2019	1/25/2019	122.01	
238	GALLS, LLC.	UNIFORM/WEARING	UNIFORMS, CHARGERS & PLUGS	011587188	12/26/2018	1/14/2019	760.00	
239	GALLS, LLC.	UNIFORM/WEARING	DOUBLE DUTY JACKETS	011716303	1/14/2019	1/25/2019	498.00	



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240	HENRY SCOTT FIELDING	CONVENTION AND	VALET PARKING REIMBURSEMENT -	010819	1/8/2019	1/16/2019	27.00	
241	JAMES RIVER SOLUTIONS	VEHICLE FUEL	FUEL	010319	1/3/2019	1/16/2019	5,649.09	
242	KUSTOM SIGNALS, INC.	POLICE SUPPLIES	SPD EXT WAR 3RD YR-POST ORG S	554277	1/10/2019	1/16/2019	225.00	
243	LACORIE STEPPE	SUBSISTENCE & LODGING	MEAL REIMBURSEMENT - TDO	011319A	1/13/2019	1/25/2019	8.23	
244	LACORIE STEPPE	SUBSISTENCE & LODGING	MEAL REIMBURSEMENT - TDO	011319	1/13/2019	1/25/2019	8.51	
245	MANSFIELD OIL COMPANY OF	VEHICLE FUEL	FUELS INVOICE 01/01/19 - 01/15/19	SQLCD-477603	1/17/2019	1/25/2019	15.88	
246	MEDEXPRESS URGENT CARE	PROFESSIONAL SERVICES	EMPLOYMENT PHYSICALS -	1178425C3908	1/3/2019	1/16/2019	170.00	
247	NATIONAL SHERIFF'S ASSOCIATION	DUES OR ASSOCIATION	NSA MEMBERSHIP DUES THROUGH	279586 121918	12/19/2018	1/16/2019	115.00	
248	PALMYRA AUTOMOTIVE, INC.	VEHICLES REP & MAINT	OIL CHANGE & LUBE	77443	1/18/2019	1/25/2019	35.73	
249	SHERIDAN FUNERAL HOME, INC.	PROFESSIONAL SERVICES	DIRECT CREMATION	18-8226	10/9/2018	1/16/2019	1,502.65	
250	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	OIL CHANGE	10019319	12/21/2018	1/14/2019	14.00	
251	SHULL'S AUTOMOTIVE, INC.	VEHICLES REP & MAINT	TOW SHERIFF TO BONE YARD	10019320	12/28/2018	1/16/2019	100.00	
252	SPRINT	TELECOMMUNICATIONS	MONTHLY CHARGES	313771602-008	12/26/2018	1/14/2019	3,200.83	
253	TREASURER OF VIRGINIA	CONTRACT SERVICES	DANGEROUS DOG REGISTRY	299970	12/18/2018	1/16/2019	125.00	
254	TRIPP VMD LLC	CONTRACT SERVICES	EMERGENCY PHYSICAL EXAM	46044	1/6/2019	1/16/2019	152.60	
255	UNIVERSITY OF VIRGINIA POLICE	CONTRACT SERVICES	CRISIS INTERVENTION TEAM	010319	1/3/2019	1/14/2019	770.00	
256	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	229.30	
257	VALLEY OFFICE MACHINES, INC.	MAINTENANCE CONTRACTS	KONICA/C308 MONTHLY CHARGES	556104	1/8/2019	1/16/2019	41.99	
258	VALLEY OFFICE MACHINES, INC.	MAINTENANCE CONTRACTS	KONICA/C258 MONTHLY CHARGES	556103	1/8/2019	1/16/2019	42.47	
259	VALLEY OFFICE MACHINES, INC.	MAINTENANCE CONTRACTS	CANON/1435IF MONTHLY CHARGES	555373	1/7/2019	1/16/2019	309.29	
260	VERIZON BUSINESS/MCI COMM	TELECOMMUNICATIONS	MONTHLY CHARGES	06011414	12/25/2018	1/14/2019	18.26	
261	VIRGINIA WHOLESALE TIRE	VEHICLE/POWER EQUIP	FOUR TIRES	3003033	1/8/2019	1/16/2019	523.36	
262	WELLS FARGO VENDOR FIN SERV	MAINTENANCE CONTRACTS	KONICA MINOLTA COPIER MONTHLY	69201171	1/9/2019	1/25/2019	289.90	
263	WEST RIVER AUTO	VEHICLES REP & MAINT	OIL FILTER, TRANSMISSION FLUID	35744	12/26/2018	1/14/2019	28.40	
264	WEST RIVER AUTO	VEHICLES REP & MAINT	REPLACED THERMOSTAT, HOSE	35806	1/19/2019	1/25/2019	133.40	
265								
266								
267	<b>E911</b>							
268	BANK OF AMERICA	DUES OR ASSOCIATION	P-CARD	123118	12/31/2018	1/16/2019	85.00	
269	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	82.42	
270	BANK OF AMERICA	TELECOMMUNICATIONS	P-CARD	123118	12/31/2018	1/16/2019	25.00	
271	BANK OF AMERICA	TELECOMMUNICATIONS	P-CARD	123118	12/31/2018	1/16/2019	30.00	
272	BANK OF AMERICA	TELECOMMUNICATIONS	P-CARD	123118	12/31/2018	1/16/2019	196.00	
273	BANK OF AMERICA	TELECOMMUNICATIONS	P-CARD	123118	12/31/2018	1/16/2019	518.35	
274	BANK OF AMERICA	TELECOMMUNICATIONS	P-CARD	123118	12/31/2018	1/16/2019	644.40	
275	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19499977	12/13/2018	1/4/2019	80.95	
276	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19610423	1/13/2019	1/25/2019	80.95	
277	CENTURYLINK	TELECOMMUNICATIONS	E911 MONTHLY CHARGES	310214091 121918	12/19/2018	1/14/2019	144.21	
278	CENTURYLINK	TELECOMMUNICATIONS	WIRELINE BILLING	310042302 011019	1/10/2019	1/25/2019	2,695.00	



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279	COMCAST CORPORATION	TELECOMMUNICATIONS	MONTHLY CHARGES	0046933 010319	1/3/2019	1/16/2019	97.51	
280	COMPUTER PROJECTS OF ILLINOIS	MAINTENANCE CONTRACTS	OPENFOX MESSENGER LICENSE AND	18-12-127ME	12/28/2018	1/14/2019	838.10	
281	DELL MARKETING, L.P.	IT SERVICES	E911 COMPUTERS	10288058673	12/13/2018	1/14/2019	10,446.43	
282	ESRI INC	MAINTENANCE CONTRACTS	ARCGIS MAINTENANCE	25882854	12/31/2018	1/14/2019	3,250.00	
283	GEO-COMM, INC.	MAINTENANCE CONTRACTS	GEOLYNX/GIS MAINTENANCE & SUPPORT	5712	1/10/2019	1/16/2019	12,802.60	
284	NEWEGG BUSINESS INC.	MAINTENANCE CONTRACTS	E911 SERVER	1301766081	12/19/2018	1/14/2019	883.99	
285	NEWEGG BUSINESS INC.	MAINTENANCE CONTRACTS	E911 SERVER	1301766082	12/19/2018	1/14/2019	883.99	
286	NEWEGG BUSINESS INC.	MAINTENANCE CONTRACTS	E911 SERVER	1301766083	12/19/2018	1/14/2019	6,359.88	
287	NWG SOLUTIONS, LLC.	IT SERVICES	MANAGED SERVICES	46044	12/31/2018	1/14/2019	1,275.00	
288	NWG SOLUTIONS, LLC.	IT SERVICES	ON-SITE SVC HOURS	46218	12/31/2018	1/14/2019	2,500.00	
289	NWG SOLUTIONS, LLC.	IT SERVICES	MONTHLY BILLING FOR NOVEMBER	45763	11/30/2018	1/16/2019	1,275.00	
290	NWG SOLUTIONS, LLC.	MAINTENANCE CONTRACTS	DATTO MONTHLY SERVICE	46046	12/31/2018	1/14/2019	1,103.70	
291	NWG SOLUTIONS, LLC.	MAINTENANCE CONTRACTS	DATTO MONTHLY SERVICE/SUPPORT	45767	11/30/2018	1/16/2019	1,103.70	
292	SPRINT	TELECOMMUNICATIONS	MONTHLY CHARGES	313771602-008	12/26/2018	1/14/2019	3,887.70	
293	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	OFFICE SUPPLIES & FURNITURE	8052743791	1/5/2019	1/25/2019	165.07	
294	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	229.30	
295	VIRGINIA BUSINESS SYSTEMS	LEASE/RENT	STANDARD HARD DRIVE REPLACEMENT	O1899-HDRemove	1/3/2019	1/16/2019	370.00	
296								
297								
298	<b>FIRE AND RESCUE SQUAD</b>							
299	CHRISTOPHER ACREE	CONVENTION AND	LIVE BURN COURSE	434-19043	1/23/2019	1/25/2019	175.00	
300	DANA CAMPBELL	CONVENTION AND	LIVE BURN COURSE	434-19043	1/23/2019	1/25/2019	200.00	
301	FLUVANNA COUNTY RESCUE SQUAD	FIRE & RESCUE ASSN	RESCUE SQUAD QUARTERLY	FR3 FY19	1/1/2019	1/14/2019	25,800.00	
302	FLUVANNA COUNTY VOLUNTEER FIRE	FIRE & RESCUE ASSN	FCFD (QUARTERLY)	FF3 FY19	1/1/2019	1/14/2019	33,800.00	
303	IMAGETREND, INC	CONTRACT SERVICES	ELITE RESCUE ANNUAL RECURRING FEE	114779	1/2/2019	1/14/2019	20,500.00	
304	JASON D'ANTUONO	CONVENTION AND	FIRE CONTROL, FIRE HOSE & LIVE BURN	434-19043	1/23/2019	1/25/2019	400.00	
305	JEAN F. CAMPBELL	CONVENTION AND	FIREFIGHTER 2 COURSE	434-19043	1/23/2019	1/25/2019	1,000.00	
306	LAKE MONTICELLO FIRE & RESCUE	FIRE & RESCUE ASSN	LM FIRE (QUARTERLY)	LM3 FY19	1/1/2019	1/14/2019	77,500.00	
307	LAKE MONTICELLO FIRE & RESCUE	FIRE & RESCUE CAPITAL	LM FIRE & RESCUE EXPANSION PROJECT	LMEXP 010119	1/1/2019	1/14/2019	65,000.00	
308	MARK NOVAK	CONVENTION AND	VEHICLE EXTRICATION & LIVE BURN	434-19043	1/23/2019	1/25/2019	400.00	
309	ROGER WILKINS	CONVENTION AND	FIREFIGHTER 2 COURSE	434-19043	1/23/2019	1/25/2019	1,287.50	
310								
311								
312	<b>CORRECTION AND DETENTION</b>							
313	CENTRAL VIRGINIA REGIONAL JAIL	CVRJ COST OF PRISONERS	OPERATIONAL COSTS, FY 18/19, 3RD	010119F	1/1/2019	1/4/2019	310,587.25	
314	COUNTY OF ALBEMARLE, VIRGINIA	CONFINEMENT - BRJDC	BILLING FOR JUVENILE DETENTION CTR -	FY2019-00000556	1/1/2019	1/14/2019	14,002.50	
315								
316								
317	<b>BUILDING INSPECTIONS</b>							



	A	B	C	D	F	G	H	I	J
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318	BANK OF AMERICA	SUBSISTENCE & LODGING	P-CARD	123118	12/31/2018	1/16/2019	29.36		
319	JAMES RIVER SOLUTIONS	VEHICLE FUEL	FUEL	010319	1/3/2019	1/16/2019	64.33		
320	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	01515654 121818	12/18/2018	1/4/2019	4.02		
321	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	0.38		
322								<b>Total:</b>	<b>\$98.09</b>
323									
324	<b>EMERGENCY MANAGEMENT</b>								
325	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19499977	12/13/2018	1/4/2019	57.00		
326	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19610423	1/13/2019	1/25/2019	57.00		
327	DELTA RESPONSE TEAM LLC	CONTRACT SERVICES	DECEMBER 2018 EMS STAFFING	201901001	1/1/2019	1/4/2019	36,500.00		
328	JAMES RIVER SOLUTIONS	VEHICLE FUEL	FUEL	010319	1/3/2019	1/16/2019	44.65		
329								<b>Total:</b>	<b>\$36,658.65</b>
330									
331	<b>FACILITIES</b>								
332	BAKER ROOFING COMPANY	BLDGS EQUIP REP & MAINT	ROOF REPAIRS TO 197 MAIN ST	902216214	12/27/2018	1/14/2019	810.00		
333	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD	123118	12/31/2018	1/16/2019	60.80		
334	BANK OF AMERICA	BLDGS EQUIP REP & MAINT	P-CARD	123118	12/31/2018	1/16/2019	351.25		
335	BANK OF AMERICA	GENERAL MATERIALS AND	P-CARD	123118	12/31/2018	1/16/2019	24.82		
336	BANK OF AMERICA	GENERAL MATERIALS AND	P-CARD	123118	12/31/2018	1/16/2019	93.46		
337	BANK OF AMERICA	GENERAL MATERIALS AND	P-CARD	123118	12/31/2018	1/16/2019	323.48		
338	BANK OF AMERICA	VEHICLE/POWER EQUIP	P-CARD	123118	12/31/2018	1/16/2019	(\$503.61)		
339	BANK OF AMERICA	VEHICLE/POWER EQUIP	P-CARD	123118	12/31/2018	1/16/2019	(\$386.77)		
340	BANK OF AMERICA	VEHICLE/POWER EQUIP	P-CARD	123118	12/31/2018	1/16/2019	324.32		
341	BANK OF AMERICA	VEHICLE/POWER EQUIP	P-CARD	123118	12/31/2018	1/16/2019	326.65		
342	BANK OF AMERICA	VEHICLE/POWER EQUIP	P-CARD	123118	12/31/2018	1/16/2019	386.77		
343	BANK OF AMERICA	VEHICLE/POWER EQUIP	P-CARD	123118	12/31/2018	1/16/2019	445.96		
344	BANK OF AMERICA	VEHICLE/POWER EQUIP	P-CARD	123118	12/31/2018	1/16/2019	503.61		
345	BANK OF AMERICA	VEHICLE/POWER EQUIP	P-CARD	123118	12/31/2018	1/16/2019	1,100.00		
346	BANK OF AMERICA	VEHICLES REP & MAINT	P-CARD	123118	12/31/2018	1/16/2019	34.88		
347	BARRETT TREE SERVICE, INC.	BLDGS EQUIP REP & MAINT	TREES REMOVED FROM PUMP HOUSE IN	011619	1/16/2019	1/25/2019	1,200.00		
348	BESLEY IMPLEMENTS	VEHICLE/POWER EQUIP	AIR FILTER	79306	12/31/2018	1/14/2019	18.60		
349	BEVERAGE TRACTOR & EQUIPMENT,	MACHINERY AND	POWER BRUSH	01-121433	1/11/2019	1/25/2019	3,525.00		
350	BRAME SPECIALTY COMPANY, INC.	JANITORIAL SUPPLIES	CLEANING SUPPLIES	7374563	1/9/2019	1/16/2019	860.74		
351	BRAME SPECIALTY COMPANY, INC.	JANITORIAL SUPPLIES	HAND SOAP, DUST MOP	7377329	1/17/2019	1/25/2019	50.90		
352	BRAME SPECIALTY COMPANY, INC.	JANITORIAL SUPPLIES	TRASH BAGS, FLOOR FINISH	7376492	1/17/2019	1/25/2019	566.25		
353	BROWN MOTOR PARTS, INC.	VEHICLES REP & MAINT	CABLES & SWITCHES	96530,96660	12/31/2018	1/14/2019	126.24		
354	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT	WIPER BLADES	121718	12/17/2018	1/4/2019	36.00		
355	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT	TIRE	121818	12/18/2018	1/4/2019	41.29		
356	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT	TUBE & LABOR	122718	12/27/2018	1/14/2019	80.90		



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357	CAMPBELL EQUIPMENT, INC.	VEHICLES REP & MAINT	4 TIRES & DISPOSAL	010819	1/8/2019	1/16/2019	366.00	
358	CAPITAL LIGHTING & SUPPLY, LLC	BLDGS EQUIP REP & MAINT	COMPACT FLOUR LAMP - 10	S035351841.001	1/9/2019	1/16/2019	54.40	
359	CAPITAL TRISTATE	BLDGS EQUIP REP & MAINT	COMPACT FLOUR LAMP	S035351841.001	1/9/2019	1/25/2019	54.40	
360	CII SERVICE	BLDGS EQUIP REP & MAINT	FLUVANNA GYM BOILER #1 REPAIRS	44318	12/18/2018	1/4/2019	227.30	
361	CII SERVICE	BLDGS EQUIP REP & MAINT	LIBRARY PUMP REPAIRS	44317	12/18/2018	1/4/2019	1,147.02	
362	CII SERVICE	BLDGS EQUIP REP & MAINT	COMMUNITY CENTER - HP#4 REPAIR	44348	12/31/2018	1/14/2019	170.48	
363	CII SERVICE	BLDGS EQUIP REP & MAINT	LIBRARY HP#6 REPAIRS	44331	12/26/2018	1/14/2019	217.30	
364	CII SERVICE	BLDGS EQUIP REP & MAINT	STONE JAIL - REPAIRS TO UNIT #1	44323	12/26/2018	1/14/2019	284.18	
365	CII SERVICE	BLDGS EQUIP REP & MAINT	FLUVANNA GYM INSTALLED	44328	12/26/2018	1/14/2019	688.66	
366	CII SERVICE	BLDGS EQUIP REP & MAINT	FLUVANNA GYM BOILER REPAIRS	44339	12/31/2018	1/14/2019	2,168.96	
367	CII SERVICE	BLDGS EQUIP REP & MAINT	PALMYRA FIRE HOUSE WATER HEATER	44404	12/31/2018	1/16/2019	757.67	
368	CII SERVICE	BLDGS EQUIP REP & MAINT	SOCIAL SERVICES HP#24 REPAIRS	44401	12/31/2018	1/16/2019	910.37	
369	CII SERVICE	BLDGS EQUIP REP & MAINT	NEW COURT BOILER #2 REPAIR	44405	12/31/2018	1/16/2019	8,684.44	
370	CII SERVICE	BLDGS EQUIP REP & MAINT	COURTHOUSE - CHECKED HEAT FOR VAV	44416	12/31/2018	1/25/2019	461.43	
371	CII SERVICE	BLDGS EQUIP REP & MAINT	COURTHOUSE - REPLACED CO2	19569	1/18/2019	1/25/2019	1,038.00	
372	CII SERVICE	BLDGS EQUIP REP & MAINT	OLD COURTHOUSE - LENNOX HP3	44414	12/31/2018	1/25/2019	7,016.42	
373	CINTAS	LAUNDRY AND DRY	DRY CLEANING & MATS	394274349	12/27/2018	1/4/2019	320.91	
374	CINTAS	LAUNDRY AND DRY	DRY CLEANING & MATS	394276213	1/3/2019	1/14/2019	108.44	
375	CINTAS	LAUNDRY AND DRY	DRY CLEANING & MATS	394278069	1/10/2019	1/16/2019	331.64	
376	CINTAS	LAUNDRY AND DRY	DRY CLEANING & MATS	394279929	1/17/2019	1/25/2019	123.05	
377	CINTAS	PROFESSIONAL SERVICES	DRY CLEANING & MATS	394274349	12/27/2018	1/4/2019	4.63	
378	CINTAS	PROFESSIONAL SERVICES	DRY CLEANING & MATS	394276213	1/3/2019	1/14/2019	4.63	
379	CINTAS	PROFESSIONAL SERVICES	DRY CLEANING & MATS	394278069	1/10/2019	1/16/2019	4.63	
380	COMMONWEALTH INTERIORS	BLDGS EQUIP REP & MAINT	ACOUSTICAL CEILING REPAIRS IN	2019-006	1/2/2019	1/14/2019	293.00	
381	COMMONWEALTH INTERIORS	BLDGS EQUIP REP & MAINT	WALL TILE	2019-017	1/14/2019	1/25/2019	23.64	
382	COMMUNITY INTERFACE	AGRICULTURAL SUPPLIES	TOPSOIL	010918	1/9/2019	1/25/2019	150.00	
383	DODSON GLASS & MIRROR INC	BLDGS EQUIP REP & MAINT	ADMIN BLDG - THRESHOLD, DOOR SWEEP	JP067168	1/2/2019	1/16/2019	125.00	
384	DODSON GLASS & MIRROR INC	BLDGS EQUIP REP & MAINT	HOLLOW METAL DOOR, FRAME AND	JP066386	11/19/2018	1/16/2019	876.32	
385	DODSON GLASS & MIRROR INC	BLDGS EQUIP REP & MAINT	AWNING	JP 066149	1/3/2019	1/25/2019	1,595.20	
386	ELECTRICAL CONTROLS &	BLDGS EQUIP REP & MAINT	RECORDS ROOM DOOR REPAIR	5597	7/27/2018	1/4/2019	237.50	
387	FERGUSON ENTERPRISES, INC	BLDGS EQUIP REP & MAINT	18 COR MTL END SEC	5354200-1	12/13/2018	1/4/2019	319.02	
388	FLUVANNA ACE HARDWARE	GENERAL MATERIALS AND	ASST. SUPPLIES	123118	12/31/2018	1/14/2019	152.92	
389	FLUVANNA ACE HARDWARE	VEHICLE/POWER EQUIP	ASST. SUPPLIES	123118	12/31/2018	1/14/2019	98.94	
390	GARY OSTEEEN PLUMBING	BLDGS EQUIP REP & MAINT	REPLACE URINALS AT LIBRARY	122118	12/21/2018	1/4/2019	3,470.00	
391	GARY OSTEEEN PLUMBING	BLDGS EQUIP REP & MAINT	WATER HEATER FOR SOLAR ROOM, NEW	01719	1/7/2019	1/14/2019	2,010.00	
392	JAMES RIVER SOLUTIONS	VEHICLE FUEL	FUEL	010319	1/3/2019	1/16/2019	1,174.79	
393	JONES AUTOMOTIVE/ALL STAR AUTO	GENERAL MATERIALS AND	AUTO SUPPLIES	604232 - 605265	12/31/2018	1/14/2019	533.24	
394	JONES AUTOMOTIVE/ALL STAR AUTO	VEHICLE/POWER EQUIP	AUTO SUPPLIES	604232 - 605265	12/31/2018	1/14/2019	451.60	
395	JONES AUTOMOTIVE/ALL STAR AUTO	VEHICLES REP & MAINT	AUTO SUPPLIES	604232 - 605265	12/31/2018	1/14/2019	117.10	



	A	B	C	D	F	G	H	J
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396	KOREN DIVERSIFIED HOLDINGS LLC	VEHICLE/POWER EQUIP	EXHAUST GASKET, MUFFLER	73907	1/22/2019	1/25/2019	415.64	
397	LANDSCAPE SUPPLY, INC.	AGRICULTURAL SUPPLIES	LANDSCAPE SUPPLIES	0686545-IN	1/10/2019	1/25/2019	204.00	
398	LOWE'S	BLDGS EQUIP REP & MAINT	ASST. SUPPLIES	9900 033038 3 122518	12/25/2018	1/14/2019	1,584.98	
399	LOWE'S	GENERAL MATERIALS AND	ASST. SUPPLIES	9900 033038 3 122518	12/25/2018	1/14/2019	1,917.46	
400	MAC'S SERVICE CENTER	VEHICLES REP & MAINT	MICH 22 PRO	0035385	5/7/2018	1/4/2019	61.27	
401	MAPP'S AC EQUIPMENT, LLC	VEHICLE/POWER EQUIP	LIFT CARRIAGE REPLACEMENT	14380	11/2/2018	1/14/2019	817.00	
402	Michael Chenail	BLDGS EQUIP REP & MAINT	LASER CUT COLOR SIGN	3081	1/10/2019	1/16/2019	32.00	
403	MIDWEST MOTOR SUPPLY CO. INC.	GENERAL MATERIALS AND	INFRARED LASER SIGHTED	6813850	12/19/2018	1/4/2019	93.00	
404	MIDWEST MOTOR SUPPLY CO. INC.	GENERAL MATERIALS AND	SAFETY VESTS	6829719	12/31/2018	1/4/2019	189.31	
405	MIDWEST MOTOR SUPPLY CO. INC.	GENERAL MATERIALS AND	DISPENSER	6856724	1/15/2019	1/25/2019	73.08	
406	MIDWEST MOTOR SUPPLY CO. INC.	VEHICLES REP & MAINT	TERMINALS	6810314	12/18/2018	1/4/2019	73.00	
407	MSDSOONLINE INC	CONTRACT SERVICES	ENVIRONMENTAL, HEALTH, SAFETY	193754	1/18/2019	1/25/2019	2,600.00	
408	PARRISH FORD	VEHICLES REP & MAINT	STARTER MOTOR	5021110	12/26/2018	1/4/2019	166.60	
409	PETER WELCH	MILEAGE ALLOWANCES	MILEAGE REIMBURSEMENT	010919	1/15/2019	1/25/2019	76.56	
410	PETER WELCH	MILEAGE ALLOWANCES	MILEAGE REIMBURSEMENT	060818	1/15/2019	1/25/2019	81.21	
411	PLEASANT VALLEY CONSTRUCTION	BLDGS EQUIP REP & MAINT	FLUVANNA LANDFILL SHELTER	010419	1/4/2019	1/14/2019	5,500.00	
412	PRICE AUTOMOTIVE	VEHICLES REP & MAINT	RADIO SCREEN REPAIR	6153258/1	12/17/2018	1/16/2019	63.69	
413	QUALITY WELDING, INC	BLDGS EQUIP REP & MAINT	STEEL TUBING	42281	1/11/2019	1/16/2019	114.80	
414	RAFALY ELECTRICAL CONTRACTORS,	BLDGS EQUIP REP & MAINT	PALMYRA FIRE - LIGHT REPAIR	8195	12/19/2018	1/4/2019	75.00	
415	RAFALY ELECTRICAL CONTRACTORS,	BLDGS EQUIP REP & MAINT	TREASURERE BUILDING - REPAIR WALL	8184	12/19/2018	1/4/2019	333.00	
416	RAFALY ELECTRICAL CONTRACTORS,	BLDGS EQUIP REP & MAINT	LANDFILL - LIGHTS	8196	12/19/2018	1/4/2019	1,910.00	
417	RAFALY ELECTRICAL CONTRACTORS,	BLDGS EQUIP REP & MAINT	FORK UNION POLE LIGHT	8167	12/21/2018	1/4/2019	4,429.25	
418	RICH MASONRY, INC.	BLDGS EQUIP REP & MAINT	LIGHT POLE REPLACEMENT	727	1/6/2019	1/14/2019	3,500.00	
419	THE HARBOR SALES COMPANY INC	BLDGS EQUIP REP & MAINT	PVC ROUND FINIAL CAP	2373917	1/8/2019	1/16/2019	22.44	
420	THE SUPPLY ROOM	GENERAL MATERIALS AND	ICE MELT	3531525-0	12/18/2018	1/4/2019	899.00	
421	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	10.12	
422	W & H RESOURCES, INC	BLDGS EQUIP REP & MAINT	ADMINISTRATION BLDG ELEVATOR	18451	1/4/2019	1/25/2019	487.50	
423	WAGNER'S WRECKER SERVICE	VEHICLES REP & MAINT	DUMP TRUCK TOW	15430	1/17/2019	1/25/2019	125.00	
424						<b>Total:</b>	<b>\$73,029.68</b>	
425								
426	<b>GENERAL SERVICES</b>							
427	AQUA VIRGINIA, INC.	WATER SERVICES	REGISTRARS OFFICE	0556855 010819	1/8/2019	1/16/2019	19.39	
428	AQUA VIRGINIA, INC.	WATER SERVICES	COMMONWEALTH ATTORNEY	0550900 010819	1/8/2019	1/16/2019	22.42	
429	AQUA VIRGINIA, INC.	WATER SERVICES	PUBLIC WORKS	0552932 010819	1/8/2019	1/16/2019	33.81	
430	AQUA VIRGINIA, INC.	WATER SERVICES	NORTH GREEN - HISTORIC COURTHOUSE	0552931 010819	1/8/2019	1/16/2019	40.61	
431	AQUA VIRGINIA, INC.	WATER SERVICES	ADMINISTRATIVE OFFICE	0540828 010819	1/8/2019	1/16/2019	86.77	
432	BFPE INTERNATIONAL	MAINTENANCE CONTRACTS	FIRE ALARM MONITORING (ANNUAL) -	2295666	1/8/2019	1/14/2019	390.00	
433	BFPE INTERNATIONAL	MAINTENANCE CONTRACTS	FIRE ALARM MONITORING (ANNUAL) -	2295667	1/8/2019	1/14/2019	390.00	
434	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE SIGN	105221-009 121718	12/17/2018	1/4/2019	10.49	



	A	B	C	D	F	G	H	J
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435	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE	105221-006 121718	12/17/2018	1/4/2019	30.40	
436	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE POLE BARN	275904-006 121718	12/17/2018	1/4/2019	30.40	
437	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE 200A FOR USE BY	105221-002 121718	12/17/2018	1/4/2019	32.40	
438	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	271 PLEASANT GROVE DRIVE	105221-007 121718	12/17/2018	1/4/2019	32.40	
439	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	271 PLEASANT GROVE DRIVE	105221-008 121718	12/17/2018	1/4/2019	33.57	
440	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	OUTLETS BEHIND PUBLIC SAFETY	085473-003 121718	12/17/2018	1/4/2019	34.18	
441	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE 400A FOR USE BY	105221-003 121718	12/17/2018	1/4/2019	34.63	
442	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE SOCCER FIELD	105221-004 121718	12/17/2018	1/4/2019	36.85	
443	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	DOG KENNEL	275904-008 121718	12/17/2018	1/4/2019	127.63	
444	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	E911 TOWER - 2977 RIVER ROAD	275904-010 121718	12/17/2018	1/4/2019	159.22	
445	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	E911 TOWER - LANDFILL	085473-005 121718	12/17/2018	1/4/2019	203.38	
446	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	E911 TOWER - COLUMBIA SCHOOL	085473-006 121718	12/17/2018	1/4/2019	207.57	
447	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	CONVENIENCE CENTER	275904-002 121718	12/17/2018	1/4/2019	308.14	
448	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	E911 TOWER - PUBLIC SAFETY BUILDING	275904-009 121718	12/17/2018	1/4/2019	331.27	
449	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE HOUSE	275904-004 121718	12/17/2018	1/4/2019	847.67	
450	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	FIRE STATION - KENTS STORE	275907-002 010319	1/3/2019	1/14/2019	485.20	
451	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	LIBRARY	275906-001 122918	12/29/2018	1/14/2019	2,343.48	
452	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PUBLIC SAFETY BLDG	85473-002 122918	12/29/2018	1/14/2019	3,066.84	
453	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE - ELEC SERVICE	105221-006 011719	1/17/2019	1/25/2019	30.40	
454	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE - POLE BARN	275904-006 011719	1/17/2019	1/25/2019	30.40	
455	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE - 200A- FOR USE BY	105221-002 011719	1/17/2019	1/25/2019	32.40	
456	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE - ELEC SERVICE - 271	105221-007 011719	1/17/2019	1/25/2019	32.40	
457	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE - ELEC SERVICE - SIGN	105221-009 011719	1/17/2019	1/25/2019	32.40	
458	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE - ELEC SERVICE - 271	105221-008 011719	1/17/2019	1/25/2019	33.58	
459	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE - 400A - FOR USE BY	105221-003 011719	1/17/2019	1/25/2019	34.79	
460	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	OUTLETS BEIHDN PUBLIC SAFETY BLDG	085473-003 011719	1/17/2019	1/25/2019	35.91	
461	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE - SOCCER FIELD -	105221-004 011719	1/17/2019	1/25/2019	37.60	
462	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	DOG KENNEL - W. RIVER ROAD	275904-008 011719	1/17/2019	1/25/2019	102.37	
463	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	E911 TOWER - VFW HALL	275904-010 011719	1/17/2019	1/25/2019	172.26	
464	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	E911 TOWER - COLUMBIA SCHOOL	085473-006 011719	1/17/2019	1/25/2019	215.59	
465	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	E911 TOWER - LANDFILL	085473-005 011719	1/17/2019	1/25/2019	222.76	
466	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	CONVENIENCE CENTER - LANDFILL -	275904-002 011719	1/17/2019	1/25/2019	334.64	
467	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	E911 TOWER - PUBLIC SAFETY BLDG	275904-009 011719	1/17/2019	1/25/2019	365.96	
468	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE HOUSE - 271	275904-004 011719	1/17/2019	1/25/2019	925.55	
469	CENTRAL VA ELECTRIC COOP	STREET LIGHTS	STREET LIGHTS NEAR PUBLIC SAFETY	085473-001 121718	12/17/2018	1/4/2019	81.74	
470	CENTRAL VA ELECTRIC COOP	STREET LIGHTS	STREET LIGHTS NEAR PUBLIC SAFETY	085473-001 011719	1/17/2019	1/25/2019	88.56	
471	CENTURYLINK 589-8525	TELECOMMUNICATIONS	PAYPHONE	A422534	12/26/2018	1/14/2019	50.00	
472	CENTURYLINK	TELECOMMUNICATIONS	FACILITIES MONTHLY CHARGES	309428096 121618	12/16/2018	1/4/2019	43.43	
473	CENTURYLINK	TELECOMMUNICATIONS	FACILITIES MONTHLY CHARGES	309697981 121618	12/16/2018	1/4/2019	52.33	





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474	CENTURYLINK	TELECOMMUNICATIONS	FACILITIES MONTHLY CHARGES	309898636 121618	12/16/2018	1/4/2019	106.89	
475	CENTURYLINK	TELECOMMUNICATIONS	PALMYRA RESCUE SQUAD MONTHLY	310110229 121618	12/16/2018	1/4/2019	186.77	
476	CENTURYLINK	TELECOMMUNICATIONS	MONTHLY CHARGES	309762613 121618	12/16/2018	1/4/2019	193.21	
477	CENTURYLINK	TELECOMMUNICATIONS	FACILITIES MONTHLY CHARGES	309363296 121618	12/16/2018	1/4/2019	546.40	
478	CENTURYLINK	TELECOMMUNICATIONS	MONTHLY CHARGES	309762613 121618	12/16/2018	1/4/2019	675.07	
479	CENTURYLINK	TELECOMMUNICATIONS	CIRCUIT COURT CLERK MONTHLY	310338742 121618	12/16/2018	1/14/2019	54.07	
480	CENTURYLINK	TELECOMMUNICATIONS	FACILITIES	309428096 011619	1/16/2019	1/25/2019	43.43	
481	CENTURYLINK	TELECOMMUNICATIONS	FACILITIES	309697981 011619	1/16/2019	1/25/2019	52.33	
482	CENTURYLINK	TELECOMMUNICATIONS	PERFORMING ARTS	309898636 011619	1/16/2019	1/25/2019	106.89	
483	CENTURYLINK	TELECOMMUNICATIONS	CIRCUIT COURT CLERK	310338742 011619	1/16/2019	1/25/2019	115.48	
484	CENTURYLINK	TELECOMMUNICATIONS	FACILITIES	309363296 011619	1/16/2019	1/25/2019	546.40	
485	CII SERVICE	MAINTENANCE CONTRACTS	SERVICE CONTRACT DECEMBER	44281	12/17/2018	1/4/2019	3,756.00	
486	CII SERVICE	MAINTENANCE CONTRACTS	SERVICE CONTRACT - JANUARY	44421	1/13/2019	1/25/2019	3,756.00	
487	COUNTY WASTE, LLC	MAINTENANCE CONTRACTS	FLUVANNA RESCUE TRASH SVC	06-0001753 7 121318	12/13/2018	1/14/2019	21.00	
488	COUNTY WASTE, LLC	MAINTENANCE CONTRACTS	FLUVANNA RESCUE TRASH SVC	06-0001753 7 011419	1/14/2019	1/25/2019	20.00	
489	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	CELL TOWER AT FIRE STATION	5699060132 123118	12/31/2018	1/14/2019	8.36	
490	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	SMALL BALLFIELD - CONCESSIONS &	0274195007 123118	12/31/2018	1/14/2019	19.28	
491	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	51 COURT SQUARE	1114097502 123118	12/31/2018	1/14/2019	26.85	
492	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	SOCIAL SERVICES	7048771633 123118	12/31/2018	1/14/2019	43.92	
493	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	LARGE BALLFIELD - LIGHTS	3023889169 122618	12/26/2018	1/14/2019	49.47	
494	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	HOUSING OFFICE - 222 MAIN ST	1134080009 123118	12/31/2018	1/14/2019	52.28	
495	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	LARGE BALLFIELD CONCESSIONS	0692200942 123118	12/31/2018	1/14/2019	53.01	
496	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	REGISTRAR'S OFFICE	1284152509 123118	12/31/2018	1/14/2019	83.34	
497	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	CELL TOWER @ 1038 BREMO RD	6260822157 123118	12/31/2018	1/14/2019	105.97	
498	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	PUBLIC WORKS BUILDING	1304130006 123118	12/31/2018	1/14/2019	114.94	
499	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	WEAVER BUILDING	1124090000 123118	12/31/2018	1/14/2019	196.61	
500	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	PUBLIC WORKS MAINTENANCE SHOP	2554330007 123118	12/31/2018	1/14/2019	220.67	
501	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	CARYSBROOK GYM (INCLUDES PUMP	0084297506 122618	12/26/2018	1/14/2019	237.19	
502	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	PALMYRA FIRE STATION	1005898992 122618	12/26/2018	1/14/2019	279.86	
503	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	OLD STONE JAIL	1424085007 122618	12/26/2018	1/14/2019	309.79	
504	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	COMMONWEALTHS ATTORNEY	6274752663 123118	12/31/2018	1/14/2019	341.82	
505	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	PALMYRA RESCUE SQUAD	4894115007	12/26/2018	1/14/2019	392.80	
506	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	FORK UNION FIRE STATION	4834680458 122718	12/27/2018	1/14/2019	405.97	
507	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	FUSD OFFICE	8866300000 123118	12/31/2018	1/14/2019	413.11	
508	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	PERFORMING ARTS CENTER	4144237502 122618	12/26/2018	1/14/2019	632.19	
509	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	HISTORIC COURTHOUSE	1144090006 122618	12/26/2018	1/14/2019	695.97	
510	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	TREASURER'S OFFICE	1024205005 122618	12/26/2018	1/14/2019	751.41	
511	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	ADMINISTRATION BUILDING	1404067504 122618	12/26/2018	1/14/2019	1,244.28	
512	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	SOCIAL SERVICES BUILDING	0074032509 122618	12/26/2018	1/14/2019	1,411.87	



	A	B	C	D	F	G	H	J
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513	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	COURTS BUILDING	8895892548 122618	12/26/2018	1/14/2019	1,623.30	
514	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	COMMUNITY CTR & EXTENSION OFFICE	4331888158 122718	12/28/2018	1/14/2019	1,708.27	
515	DOMINION VIRGINIA POWER	STREET LIGHTS	FORK UNION STREET LIGHTS	7080078962 123118	12/31/2018	1/14/2019	84.90	
516	DOMINION VIRGINIA POWER	STREET LIGHTS	FORK UNION STREET LIGHTS	9609027314 123118	12/31/2018	1/14/2019	96.73	
517	DOMINION VIRGINIA POWER	STREET LIGHTS	COLUMBIA STREET LIGHTS	4210122349 122818	12/28/2018	1/14/2019	207.82	
518	DOMINION VIRGINIA POWER	STREET LIGHTS	PALMYRA VILLAGE - STREET LIGHTING	3595578927 122818	12/28/2018	1/14/2019	485.32	
519	INTRASTATE PEST	MAINTENANCE CONTRACTS	PEST CONTROL PALMYRA FIRE STATION	1034171	12/14/2018	1/4/2019	152.57	
520	NATIONAL COMMUNICATION	LEASE/RENT	VFW TOWER - FLUVANNA ANNUAL RENT	020119	1/8/2019	1/14/2019	19,096.20	
521	REPUBLIC SERVICES #410	MAINTENANCE CONTRACTS	WASTE CONTAINER PICK UP	0410-000668303	12/31/2018	1/16/2019	1,946.10	
522	SHRED-IT USA LLC	LEASE/RENT	MONTHLY SHREDDING CHARGES	8126386953	1/7/2019	1/14/2019	150.00	
523	SHRED-IT USA LLC	LEASE/RENT	MONTHLY SHREDDING CHARGES	8126179533	12/7/2018	1/14/2019	300.00	
524	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	REGISTRAR'S OFFICE - PROPANE	5673520	12/27/2018	1/4/2019	185.49	
525	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	FUSD OFFICE - PROPANE	5585632	12/21/2018	1/4/2019	1,046.88	
526	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	KENTS STORE FIRE HOUSE - PROPANE	5812353	1/10/2019	1/16/2019	1,266.74	
527	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	FUSD OFFICE - PROPANE	5913871	1/18/2019	1/25/2019	739.85	
528	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	FORK UNION FIRE - PROPANE	5913843	1/18/2019	1/25/2019	889.06	
529	THE BLOSSMAN COMPANIES, INC.	HEATING SERVICES	PALMYRA FIRE - PROPANE	5888595	1/14/2019	1/25/2019	2,307.24	
530	TIGER FUEL COMPANY	HEATING SERVICES	222 MAIN ST - HEATING OIL	865923	12/27/2018	1/4/2019	255.98	
531	TIGER FUEL COMPANY	HEATING SERVICES	CARYSBROOK MAINTENANCE SHOP -	866219	12/27/2018	1/4/2019	322.39	
532	TIGER FUEL COMPANY	HEATING SERVICES	CARYSBROOK GYM - HEATING OIL	866210	12/27/2018	1/4/2019	1,130.79	
533	TIGER FUEL COMPANY	HEATING SERVICES	NEW COURTHOUSE - HEATING OIL	865938	12/27/2018	1/4/2019	1,420.15	
534	TIGER FUEL COMPANY	HEATING SERVICES	CARYSBROOK MAINTENANCE SHOP -	882708	1/12/2019	1/16/2019	600.76	
535	TIGER FUEL COMPANY	HEATING SERVICES	CARYSBROOK GYM - HEATING OIL	882655	1/12/2019	1/16/2019	1,590.92	
536	TIGER FUEL COMPANY	HEATING SERVICES	CARYSBROOK MAINTENANCE SHOP	888844	1/19/2019	1/25/2019	416.68	
537	TIGER FUEL COMPANY	HEATING SERVICES	CARYSBROOK GYM - HEATING OIL	888836	1/19/2019	1/25/2019	1,028.17	
538	VERTIV SERVICES INC	MAINTENANCE CONTRACTS	LIEBERT UPS/POWER/BATTERY	57658320	1/1/2019	1/14/2019	17,262.85	
539	W & H RESOURCES, INC	MAINTENANCE CONTRACTS	CENTRALIZED MAINTENANCE FOR	18284	1/1/2019	1/25/2019	1,725.00	
540								
541								
542	<b>PUBLIC WORKS</b>							
543	BANK OF AMERICA	CONVENTION AND	P-CARD	123118	12/31/2018	1/16/2019	499.00	
544	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19499977	12/13/2018	1/4/2019	220.00	
545	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19610423	1/13/2019	1/25/2019	220.00	
546	VIRGINIA BUSINESS SYSTEMS	LEASE/RENT	LARGE FORMAT PRINTER MONTHLY	23974315	12/28/2018	1/14/2019	93.04	
547	VIRGINIA DEPT. OF MOTOR VEHICLES	VEHICLE	ORIGINAL REGISTRATION	18360102	12/26/2018	1/14/2019	5.00	
548								
549								
550	<b>CONVENIENCE CENTER</b>							
551	BFI - FLUVANNA TRANSFER STATION	CONTRACT SERVICES	TRASH	4347-000006229	12/31/2018	1/16/2019	5,204.57	



	A	B	C	D	F	G	H	J	
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552	CAMPBELL EQUIPMENT, INC.	CONTRACT SERVICES	DISPOSALS & DISMOUNTS	010319	1/3/2019	1/14/2019	155.00		
553	CAMPBELL EQUIPMENT, INC.	CONTRACT SERVICES	4 TIRE AND WHEEL DISPOSAL	011119PW	1/11/2019	1/25/2019	20.00		
554	CAROLINA SOFTWARE	BLDGS EQUIP REP & MAINT	WASTEWORX SOFTWARE SUPPORT	70353	1/1/2019	1/14/2019	250.00		
555	CENTURYLINK	TELECOMMUNICATIONS	CONVENIENCE CENTER MONTHLY	310392717 121618	12/16/2018	1/4/2019	69.90		
556	CENTURYLINK	TELECOMMUNICATIONS	LANDFILL SCALES	310392717 011619	1/16/2019	1/25/2019	70.92		
557	HERITAGE CRYSTALCLEAN, LLC	BLDGS EQUIP REP & MAINT	USED OIL PICKUP	15503213	1/17/2019	1/25/2019	259.00		
558	JAMES RIVER SOLUTIONS	VEHICLE FUEL	FUEL	010319	1/3/2019	1/16/2019	59.89		
559	MO-JOHNS, INC.	LEASE/RENT	LANDFILL - PORTABLE TOLIET	114819	12/17/2018	1/4/2019	60.00		
560	MO-JOHNS, INC.	LEASE/RENT	PORTABLE TOLIET - LANDFILL	115370	1/14/2019	1/25/2019	60.00		
561									
562									
563	<b>PUBLIC UTILITIES</b>							<b>Total:</b>	<b>\$6,209.28</b>
564	ANDERSON TIRE COMPANY	VEHICLE/POWER EQUIP	STATE INSPECTION & TIRES	22136331, 22136563	12/31/2018	1/14/2019	366.38		
565	ARTHURS SEPTIC SERVICE	CONTRACT SERVICES	PUMP CENTRAL TO FUMA	011619	1/16/2019	1/25/2019	185.00		
566	BANK OF AMERICA	CONVENTION AND	P-CARD	123118	12/31/2018	1/16/2019	499.00		
567	BANK OF AMERICA	OUTSIDE ANALYTICAL	P-CARD	123118	12/31/2018	1/16/2019	1,344.38		
568	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	DOG PARK WELL	203061-001 121718	12/17/2018	1/4/2019	35.04		
569	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE WELL	105221-001 121718	12/17/2018	1/4/2019	180.42		
570	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE - DOG PARK WELL	203061-001 011719	1/17/2019	1/25/2019	40.64		
571	CENTRAL VA ELECTRIC COOP	ELECTRICAL SERVICES	PLEASANT GROVE - COMPETITION PARK	105221-001 011719	1/17/2019	1/25/2019	132.43		
572	CENTURYLINK	TELECOMMUNICATIONS	FUSD MONTHLY CHARGES	309719161 121618	12/16/2018	1/4/2019	199.29		
573	CENTURYLINK	TELECOMMUNICATIONS	WASTEWATER TREATMENT MONTHLY	310089744 121918	12/19/2018	1/14/2019	47.60		
574	CENTURYLINK	TELECOMMUNICATIONS	WASTEWATER TREATMENT MONTHLY	309433290 121918	12/19/2018	1/14/2019	62.39		
575	CENTURYLINK	TELECOMMUNICATIONS	FUSD	309719161 011619	1/16/2019	1/25/2019	198.89		
576	CINTAS	LAUNDRY AND DRY	DRY CLEANING & MATS	394274349	12/27/2018	1/4/2019	39.62		
577	CINTAS	LAUNDRY AND DRY	DRY CLEANING & MATS	394276213	1/3/2019	1/14/2019	39.62		
578	CINTAS	LAUNDRY AND DRY	DRY CLEANING & MATS	394278069	1/10/2019	1/16/2019	41.18		
579	CINTAS	LAUNDRY AND DRY	DRY CLEANING & MATS	394279929	1/17/2019	1/25/2019	41.18		
580	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	PUMP HOUSE - COURTS BUILDING WELL	4501632147 122618	12/27/2018	1/14/2019	250.04		
581	INBODEN ENVIRONMENTAL	OUTSIDE ANALYTICAL	WASTEWATER MONITORING - CENTRAL	66149	12/31/2018	1/14/2019	437.00		
582	INBODEN ENVIRONMENTAL	OUTSIDE ANALYTICAL	WASTEWATER MONITORING - PALMYRA	66147	12/31/2018	1/14/2019	547.00		
583	INBODEN ENVIRONMENTAL	OUTSIDE ANALYTICAL	WASTEWATER MONITORING -	66148	12/31/2018	1/25/2019	547.00		
584	JAMES RIVER SOLUTIONS	VEHICLE FUEL	FUEL	010319	1/3/2019	1/16/2019	428.96		
585	JONES AUTOMOTIVE/ALL STAR AUTO	GENERAL MATERIALS AND	AUTO PARTS	605179	12/31/2018	1/14/2019	83.64		
586	MANSFIELD OIL COMPANY OF	VEHICLE FUEL	FUEL CHARGES 126/16/18-12/31/18	SQLCD-473862	1/3/2019	1/14/2019	26.39		
587	MANSFIELD OIL COMPANY OF	VEHICLE FUEL	FUELS INVOICE 01/01/19 - 01/15/19	SQLCD-477603	1/17/2019	1/25/2019	30.09		
588	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	01515654 121818	12/18/2018	1/4/2019	240.43		
589	RUHLMAN'S HAULING	BLDGS EQUIP REP & MAINT	THESSALONIA RD/RT651/HAUL	010819	1/8/2019	1/16/2019	940.60		
590	UNIVAR USA, INC.	CHEMICAL SUPPLIES	MORRIS PLANT - LIQUICHLOR, POT	R1748978	12/28/2018	1/14/2019	1,572.11		



	A	B	C	D	F	G	H	J
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591	UNIVAR USA, INC.	CHEMICAL SUPPLIES	WWTP - CAUSTIC SODA, SODA ASH,	RI748976	12/28/2018	1/14/2019	2,508.17	
592	UNIVAR USA, INC.	CHEMICAL SUPPLIES	MORRIS PLANT - CAUSTIC SODA	RI749063	12/31/2018	1/14/2019	2,841.24	
593	UNIVAR USA, INC.	CHEMICAL SUPPLIES	MIDDLE SCHOOL - CAUSTIC SODA, BIO-	RI748977	12/28/2018	1/14/2019	2,864.01	
594	USABLUBOOK	GENERAL MATERIALS AND	BOLT CUTTER	762003	12/13/2018	1/4/2019	101.95	
595	VERIZON BUSINESS/MCI COMM	TELECOMMUNICATIONS	MONTHLY CHARGES	06011414	12/25/2018	1/14/2019	18.27	
596								
597							<b>Total:</b>	<b>\$16,889.96</b>
598	<b>HEALTH</b>							
599	CENTURYLINK	TELECOMMUNICATIONS	MONTHLY CHARGES	309762613 121618	12/16/2018	1/4/2019	147.59	
600	THOMAS JEFFERSON HEALTH	CONTRACT SERVICES	LOCAL COMMITMENT FOR THE THIRD	122618	12/26/2018	1/14/2019	69,471.00	
601	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	4.06	
602							<b>Total:</b>	<b>\$69,622.65</b>
603								
604	<b>VJCCCA</b>							
605	WILLIAM DALY	PROFESSIONAL SERVICES	TUTORING HOURS	011019	1/10/2019	1/16/2019	100.00	
606							<b>Total:</b>	<b>\$100.00</b>
607								
608	<b>CSA</b>							
609	BANK OF AMERICA	SUBSISTENCE & LODGING	P-CARD	123118	12/31/2018	1/16/2019	9.78	
610	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19499977	12/13/2018	1/4/2019	57.00	
611	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19610423	1/13/2019	1/25/2019	57.00	
612	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	01515654 121818	12/18/2018	1/4/2019	64.00	
613							<b>Total:</b>	<b>\$187.78</b>
614								
615	<b>CSA PURCHASE OF SERVICES</b>							
616		POS MANDATED FFOP		P12919745514	12/31/2018	1/25/2019	763.10	
617	BUILDING HEALTHY CONNECTIONS,	COMM SVCS		P10919727901	10/31/2018	1/4/2019	12.00	
618	BUILDING HEALTHY CONNECTIONS,	COMM SVCS		P09919727906	9/30/2018	1/4/2019	387.00	
619	BUILDING HEALTHY CONNECTIONS,	COMM SVCS		P09919730139	9/30/2018	1/11/2019	156.00	
620	BUILDING HEALTHY CONNECTIONS,	COMM SVCS		P10919730137	10/31/2018	1/11/2019	372.00	
621	BUILDING HEALTHY CONNECTIONS,	FF4E-COMM SVCS		P07919734015	7/31/2018	1/4/2019	372.00	
622	BUILDING HEALTHY CONNECTIONS,	FF4E-COMM SVCS		P08919734011	8/31/2018	1/4/2019	372.00	
623	BUILDING HEALTHY CONNECTIONS,	FF4E-COMM SVCS		P09919722443	9/30/2018	1/11/2019	360.00	
624	BUILDING HEALTHY CONNECTIONS,	FF4E-COMM SVCS		P11919722441	11/30/2018	1/11/2019	360.00	
625	BUILDING HEALTHY CONNECTIONS,	FF4E-COMM SVCS		P10919722442	10/31/2018	1/11/2019	372.00	
626	C.M. MENTORING SERVICES LLC	COMM SVCS		P12919745732	12/31/2018	1/11/2019	1,250.00	
627	C.M. MENTORING SERVICES LLC	COMM SVCS		P12000928533	12/31/2018	1/11/2019	1,350.00	
628	C.M. MENTORING SERVICES LLC	COMM SVCS		P01000926794	1/31/2019	1/25/2019	1,250.00	
629	C.M. MENTORING SERVICES LLC	COMM SVCS		P01000927095	1/31/2019	1/25/2019	1,500.00	



	A	B	C	D	F	G	H	I	J
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630		POS MANDATED FFOP		P12919714811	12/31/2018	1/25/2019	1,143.00		
631		POS MANDATED FFOP		P12919705712	12/31/2018	1/25/2019	1,591.00		
632		POS MANDATED FFOP		P12919735213	12/31/2018	1/25/2019	2,263.00		
633	CHRISTINE BOWERS LMFT, LLC	COMM SVCS		P12919740998	12/31/2018	1/4/2019	250.00		
634	COUNSELING ALLIANCE OF VA, LLC	COMM SVCS		P11000925100	11/30/2018	1/4/2019	250.00		
635	COUNSELING ALLIANCE OF VA, LLC	COMM SVCS		P10000925102	10/31/2018	1/4/2019	375.00		
636	COUNSELING ALLIANCE OF VA, LLC	COMM SVCS		P12919739958	12/31/2018	1/16/2019	640.00		
637	DETOUR MENTORING	FF4E-COMM SVCS		P12919734713	12/31/2018	1/4/2019	1,210.00		
638	DETOUR MENTORING	FF4E-COMM SVCS		P12919738814	12/31/2018	1/4/2019	1,650.00		
639	DETOUR MENTORING	POS MANDATED WSS		P12000927327	12/31/2018	1/4/2019	1,155.00		
640	DETOUR MENTORING	POS MANDATED WSS		P12000927128	12/31/2018	1/4/2019	1,265.00		
641	DIEDRA MARIE WARD	POS MANDATED FFOP		P12919719746	12/31/2018	1/11/2019	1,820.00		
642	DIEDRA MARIE WARD	POS MANDATED FFOP		P12919733247	12/31/2018	1/11/2019	1,820.00		
643	DISCOVERY SCHOOL OF VA, INC	COMM SVCS		P10000923738	10/31/2018	1/11/2019	150.00		
644	DISCOVERY SCHOOL OF VA, INC	EDUC SVCS CONG CARE		P12000925663	12/31/2018	1/16/2019	2,542.00		
645	DISCOVERY SCHOOL OF VA, INC	RES. CONG. CARE		P12000925567	12/31/2018	1/16/2019	3,410.00		
646	ED MURPHY & ASSOCIATES	EDUC SVCS CONG CARE		P12000926102	12/31/2018	1/25/2019	3,400.00		
647	ELK HILL	COMM SVCS		P10919728203	10/31/2018	1/4/2019	316.25		
648	ELK HILL	COMM SVCS		P07919704499	7/31/2018	1/4/2019	495.00		
649	ELK HILL	COMM SVCS		P09919704507	9/30/2018	1/4/2019	605.00		
650	ELK HILL	COMM SVCS		P10919704504	10/31/2018	1/4/2019	660.00		
651	ELK HILL	COMM SVCS		P08919704497	8/31/2018	1/4/2019	715.00		
652	ELK HILL	COMM SVCS		P10000926360	10/31/2018	1/16/2019	1,351.61		
653	ELK HILL	COMM SVCS		P11919728297	11/30/2018	1/25/2019	275.00		
654	ELK HILL	COMM SVCS		P12919704583	12/31/2018	1/25/2019	330.00		
655	ELK HILL	COMM SVCS		P11919704598	11/30/2018	1/25/2019	412.50		
656	ELK HILL	COMM SVCS		P12919739084	12/31/2018	1/25/2019	412.50		
657	ELK HILL	FC4E RES/CONG/CSA		P10919738710	10/31/2018	1/25/2019	226.26		
658	ELK HILL	FC4E RES/CONG/CSA		P11919738709	11/23/2018	1/25/2019	1,734.66		
659	ELK HILL	POS MAND FC LIC RES CONG		P09919727710	9/30/2018	1/4/2019	1,140.00		
660	ELK HILL	POS MAND FC LIC RES CONG		P10919727709	10/31/2018	1/4/2019	5,890.00		
661	ELK HILL	POS MAND FC LIC RES CONG		P11919738906	11/30/2018	1/25/2019	527.94		
662	ELK HILL	POS MAND FC LIC RES CONG		P12919738903	12/31/2018	1/25/2019	2,338.02		
663	ELK HILL	POS MAND FC LIC RES CONG		P12919739104	12/31/2018	1/25/2019	3,420.00		
664	ELK HILL	POS MAND FC LIC RES CONG		P11919727707	11/30/2018	1/25/2019	5,700.00		
665	EXTRA SPECIAL PARENTS, INC.	POS MANDATED WSS		P12000926471	12/31/2018	1/16/2019	675.00		
666	FAMILY PRESERVATION SERV.	COMM SVCS		P11000924636	11/30/2018	1/11/2019	165.00		
667	FAMILY PRESERVATION SERV.	COMM SVCS		P10000923261	10/31/2018	1/16/2019	240.00		
668	FAMILY PRESERVATION SERV.	COMM SVCS		P09000923262	9/30/2018	1/16/2019	285.00		



	A	B	C	D	F	G	H	J
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669	FAMILY PRESERVATION SERV.	COMM SVCS		P08919714481	8/31/2018	1/25/2019	637.50	
670	FAMILY PRESERVATION SERV.	FF4E-COMM SVCS		P08919722612	8/31/2018	1/4/2019	210.00	
671	FAMILY PRESERVATION SERV.	FF4E-COMM SVCS		P10919722617	10/31/2018	1/4/2019	400.00	
672	FAMILY PRESERVATION SERV.	FF4E-COMM SVCS		P10919722218	10/31/2018	1/4/2019	705.00	
673	FAMILY PRESERVATION SERV.	FF4E-COMM SVCS		P11919730416	11/30/2018	1/4/2019	805.00	
674	FAMILY PRESERVATION SERV.	FF4E-COMM SVCS		P10919730419	10/31/2018	1/4/2019	1,015.00	
675	FAMILY PRESERVATION SERV.	FF4E-COMM SVCS		P09919722220	9/30/2018	1/4/2019	1,112.50	
676	FAMILY PRESERVATION SERV.	FF4E-COMM SVCS		P09919722621	9/30/2018	1/4/2019	1,425.00	
677	FAMILY PRESERVATION SERV.	POS MANDATED WSS		P09000924752	9/30/2018	1/11/2019	420.00	
678	FAMILY PRESERVATION SERV.	POS MANDATED WSS		P08000924749	8/31/2018	1/11/2019	645.00	
679	FAMILY PRESERVATION SERV.	POS MANDATED WSS		P07000924751	7/31/2018	1/11/2019	720.00	
680	FLUVANNA DEPARTMENT OF SOCIAL	COMM SVCS		P11919744299	11/21/2018	1/25/2019	1,315.00	
681	GRAFTON INTERGRATED HEALTH	EDUC SVCS CONG CARE		P11000924264	11/30/2018	1/16/2019	7,730.00	
682	GRAFTON INTERGRATED HEALTH	EDUC SVCS CONG CARE		P10000924265	10/31/2018	1/16/2019	10,380.00	
683	GRAFTON INTERGRATED HEALTH	RES. CONG. CARE		P09000917570	9/30/2018	1/16/2019	11,805.00	
684	GRAFTON INTERGRATED HEALTH	RES. CONG. CARE		P07000917568	7/31/2018	1/16/2019	12,198.50	
685	GRAFTON INTERGRATED HEALTH	RES. CONG. CARE		P08000917566	8/31/2018	1/16/2019	12,198.50	
686	GRAFTON INTERGRATED HEALTH	RES. CONG. CARE		P10000924369	10/31/2018	1/16/2019	13,398.50	
687	HEALTH CONNECT AMERICA, INC.	POS MANDATED SPED-		P12000928853	12/31/2018	1/16/2019	2,900.00	
688	HEALTH CONNECT AMERICA, INC.	POS MANDATED SPED-		P12000928772	12/31/2018	1/25/2019	2,900.00	
689	HEALTH CONNECT AMERICA, INC.	POS MANDATED SPED-		P11000928778	11/30/2018	1/25/2019	4,350.00	
690	HEALTH CONNECT AMERICA, INC.	POS MANDATED SPED-		P10000928779	10/31/2018	1/25/2019	6,670.00	
691		COMM SVCS		P12000926635	12/31/2018	1/11/2019	300.00	
692	INTERCEPT YOUTH SERVICE	COMM SVCS		P11919739300	11/30/2018	1/25/2019	749.08	
693	INTERCEPT YOUTH SERVICE	COMM SVCS		P12919739385	12/31/2018	1/25/2019	5,805.37	
694		POS MANDATED FFOP		P12919733324	12/31/2018	1/4/2019	2,044.00	
695	LAFAYETTE SCHOOL, INC.	POS MANDATED SPED-		P12000921629	12/31/2018	1/11/2019	2,175.00	
696	LAFAYETTE SCHOOL, INC.	POS MANDATED SPED-		P12000916830	12/31/2018	1/11/2019	3,835.00	
697	LAFAYETTE SCHOOL, INC.	POS MANDATED SPED-		P12000926954	12/31/2018	1/16/2019	3,835.00	
698	LIONHEART RESORT LLC	POS MAND FC LIC RES CONG		P11919737708	11/30/2018	1/25/2019	2,000.00	
699	LIONHEART RESORT LLC	POS MAND FC LIC RES CONG		P12919737705	12/31/2018	1/25/2019	7,750.00	
700		POS MANDATED FFOP		P12919705922	12/31/2018	1/4/2019	1,815.00	
701		POS MANDATED FFOP		P12919706223	12/31/2018	1/4/2019	1,815.00	
702	NATIONAL COUNSELING GROUP	COMM SVCS		P11000920659	11/30/2018	1/16/2019	1,297.80	
703	NORTHSTAR ACADEMY, INC.	POS MANDATED SPED-		P11000921531	11/30/2018	1/11/2019	1,584.00	
704	NORTHSTAR ACADEMY, INC.	POS MANDATED SPED-		P12000921573	12/31/2018	1/25/2019	1,144.00	
705	NORTHSTAR ACADEMY, INC.	POS MANDATED SPED-		P10000921580	10/31/2018	1/25/2019	2,024.00	
706	PEOPLE PLACES, INC.	COMM SVCS		P12919742186	12/31/2018	1/25/2019	71.88	
707	PEOPLE PLACES, INC.	COMM SVCS		P09919742301	9/30/2018	1/25/2019	115.00	



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708	PEOPLE PLACES, INC.	COMM SVCS		P12919741087	12/31/2018	1/25/2019	215.63	
709	PEOPLE PLACES, INC.	COMM SVCS		P07919742396	7/31/2018	1/25/2019	445.63	
710	PEOPLE PLACES, INC.	COMM SVCS		P08919742382	8/31/2018	1/25/2019	661.25	
711	PEOPLE PLACES, INC.	POS MAND THER FC 4E		P09919726615	9/28/2018	1/25/2019	3,360.00	
712	PEOPLE PLACES, INC.	POS MAND THER FC 4E		P09919727016	9/28/2018	1/25/2019	3,360.00	
713	REDEMPTION YOUTH MENTORING	COMM SVCS		P10000922005	10/31/2018	1/4/2019	990.00	
714	REDEMPTION YOUTH MENTORING	COMM SVCS		P12000925788	12/31/2018	1/25/2019	1,290.00	
715	REDEMPTION YOUTH MENTORING	COMM SVCS		P12000929189	12/31/2018	1/25/2019	1,305.00	
716	REDEMPTION YOUTH MENTORING	COMM SVCS		P12000924090	12/31/2018	1/25/2019	1,500.00	
717	SECURE CHILD IN- HOME PROGRAM	COMM SVCS		P12919739834	12/31/2018	1/11/2019	1,555.00	
718		COMM SVCS		P12919739291	12/31/2018	1/25/2019	360.00	
719		COMM SVCS		P12919739692	12/31/2018	1/25/2019	380.00	
720		COMM SVCS		P12919739593	12/31/2018	1/25/2019	510.00	
721	STEVEN WELSH, LPC	POS MANDATED WSS		P12000928950	12/31/2018	1/11/2019	475.00	
722	SUSAN DALY	POS MANDATED FFOP		P12919702645	12/31/2018	1/11/2019	448.00	
723	SUSAN DALY	POS MANDATED FFOP		P12919702544	12/31/2018	1/11/2019	700.00	
724	THE DISCOVERY SCHOOL OF VA FOR	EDUC SVCS CONG CARE		P11000923608	11/30/2018	1/4/2019	2,550.00	
725	THE DISCOVERY SCHOOL OF VA FOR	EDUC SVCS CONG CARE		P12000923640	12/31/2018	1/11/2019	2,635.00	
726	THE DISCOVERY SCHOOL OF VA FOR	RES. CONG. CARE		P11000923526	11/30/2018	1/4/2019	3,510.00	
727	THE DISCOVERY SCHOOL OF VA FOR	RES. CONG. CARE		P12000923548	12/31/2018	1/11/2019	3,627.00	
728	THE FAISON CENTER	POS MANDATED SPED-		P12000917456	12/31/2018	1/16/2019	4,340.00	
729	THE FAISON CENTER	POS MANDATED SPED-		P12000917357	12/31/2018	1/16/2019	4,550.00	
730	THE FAISON CENTER	POS MANDATED SPED-		P12000922455	12/31/2018	1/16/2019	6,807.50	
731	THE FAISON CENTER	POS MANDATED SPED-		P12000923474	12/31/2018	1/25/2019	3,640.00	
732		POS MANDATED FFOP		P12919706325	12/31/2018	1/4/2019	2,716.00	
733	VIRGINIA INSTITUTE OF AUTISM	POS MANDATED SPED-		P12000922676	12/31/2018	1/25/2019	6,409.00	
734	VIRGINIA INSTITUTE OF AUTISM	POS MANDATED SPED-		P12000922875	12/31/2018	1/25/2019	6,409.00	
735	VIRGINIA INSTITUTE OF AUTISM	POS MANDATED SPED-		P12000922777	12/31/2018	1/25/2019	6,487.00	
736						<b>Total:</b>	<b>\$265,261.48</b>	
737								
738	<b>PARKS &amp; RECREATION</b>							
739	AUTOMATED OFFICE SYSTEMS	LEASE/RENT	MONTHLY COPIER CHARGES	084348	12/27/2018	1/14/2019	29.85	
740	AUTOMATED OFFICE SYSTEMS	LEASE/RENT	MONTHLY COPIER CHARGES	084349	12/27/2018	1/14/2019	129.00	
741	BANK OF AMERICA	RECREATIONAL SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	9.23	
742	BANK OF AMERICA	RECREATIONAL SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	18.12	
743	BANK OF AMERICA	RECREATIONAL SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	19.46	
744	BANK OF AMERICA	RECREATIONAL SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	25.00	
745	BANK OF AMERICA	RECREATIONAL SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	46.11	
746	BANK OF AMERICA	RECREATIONAL SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	59.44	



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747	BANK OF AMERICA	RECREATIONAL SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	100.00	
748	BANK OF AMERICA	RECREATIONAL SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	123.66	
749	BANK OF AMERICA	RECREATIONAL SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	200.00	
750	BANK OF AMERICA	RECREATIONAL SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	323.00	
751	CENTURYLINK	TELECOMMUNICATIONS	MONTHLY CHARGES	309373828 121618	12/16/2018	1/4/2019	315.76	
752	FLUVANNA ACE HARDWARE	RECREATIONAL SUPPLIES	ASST. SUPPLIES	123118	12/31/2018	1/14/2019	34.99	
753	JAMES RIVER SOLUTIONS	VEHICLE FUEL	FUEL	010319	1/3/2019	1/16/2019	45.54	
754	MO-JOHNS, INC.	CONTRACT SERVICES	PORTABLE TOILET EQUESTRIAN FIELD	115120	1/2/2019	1/14/2019	60.00	
755	MO-JOHNS, INC.	CONTRACT SERVICES	PORTABLE TOILET POLE BARN	115121	1/2/2019	1/14/2019	60.00	
756	SHENANDOAH PUBLICATIONS, INC.	PRINTING AND BINDING	WINTER/SPRING PROGRAM GUIDE	49005	12/13/2018	1/4/2019	1,506.80	
757	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	OFFICE SUPPLIES & FURNITURE	8052743791	1/5/2019	1/25/2019	44.36	
758	THE SUPPLY ROOM	OFFICE SUPPLIES	PAPER	3533924-0	12/17/2018	1/4/2019	95.01	
759	THE SUPPLY ROOM	OFFICE SUPPLIES	LABLES, PUSHPIN, PENS	3521709-0	12/5/2018	1/14/2019	128.41	
760	THE SUPPLY ROOM	RECREATIONAL SUPPLIES	MIGHTY MITE SHIRT	3513758-0	12/18/2018	1/4/2019	6.87	
761	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	3.82	
762	VERIZON BUSINESS/MCI COMM	TELECOMMUNICATIONS	MONTHLY CHARGES	06011414	12/25/2018	1/14/2019	18.26	
763	VIRGINIA BUSINESS SYSTEMS	LEASE/RENT	MURATEC COPIER MONTHLY CHARGES	23943384	12/24/2018	1/4/2019	45.05	
764	VIRGINIA BUSINESS SYSTEMS	LEASE/RENT	KONICA COPIER MONTHLY CHARGES	23943383	12/24/2018	1/4/2019	109.23	
765						<b>Total:</b>	<b>\$3,556.97</b>	
766								
767	<b>LIBRARY</b>							
768	AMAZON.COM	BOOKS/PUBLICATIONS	BOOKS & SUPPLIES	121018	12/10/2018	1/4/2019	6,375.70	
769	BANK OF AMERICA	BOOKS/PUBLICATIONS	P-CARD	123118	12/31/2018	1/16/2019	119.00	
770	CENTURYLINK	TELECOMMUNICATIONS	MONTHLY CHARGES	309647441 121618	12/16/2018	1/4/2019	2,076.10	
771	DEMCO	OFFICE SUPPLIES	BOOK SUPPLIES	6519215	12/26/2018	1/14/2019	94.70	
772	OVERDRIVE	BOOKS/PUBLICATIONS	E-BOOK	03100DA18226755	12/4/2018	1/4/2019	60.00	
773	SHOWCASES	OFFICE SUPPLIES	CD PAGES	309785	12/21/2018	1/14/2019	87.20	
774	SHOWCASES	OFFICE SUPPLIES	CD ALBUMS	309786	12/21/2018	1/16/2019	81.56	
775	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	PAPER, CUPS	2201717391, 2780911	12/14/2018	1/4/2019	75.18	
776	VA INFORMATION	TELECOMMUNICATIONS	MONTHLY CHARGES	T420622	12/27/2018	1/4/2019	2.98	
777						<b>Total:</b>	<b>\$8,972.42</b>	
778								
779	<b>COUNTY PLANNER</b>							
780	BANK OF AMERICA	CONVENTION AND	P-CARD	123118	12/31/2018	1/16/2019	78.00	
781	BANK OF AMERICA	CONVENTION AND	P-CARD	123118	12/31/2018	1/16/2019	160.00	
782	BANK OF AMERICA	OFFICE SUPPLIES	P-CARD	123118	12/31/2018	1/16/2019	44.75	
783	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19499977	12/13/2018	1/4/2019	320.00	
784	CANON FINANCIAL SERVICES, INC.	LEASE/RENT	COPIER MONTHLY CHARGES	19610423	1/13/2019	1/25/2019	320.00	
785	COMMONWEALTH OF VIRGINIA	DUES OR ASSOCIATION	NOTARY - VALENCIA PORTER	010719	1/7/2019	1/16/2019	45.00	





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786	HOLLY STEELE	MILEAGE ALLOWANCES	WOMEN'S CONFERENCE	011719	1/17/2019	1/25/2019	60.39	
787	HOLLY STEELE	SUBSISTENCE & LODGING	WOMEN'S CONFERENCE	011719	1/17/2019	1/25/2019	14.00	
788	JAMES RIVER SOLUTIONS	VEHICLE FUEL	FUEL	010319	1/3/2019	1/16/2019	349.98	
789	PITNEY BOWES PURCHASE PWR	POSTAL SERVICES	POSTAGE	01515654 121818	12/18/2018	1/4/2019	17.35	
790	STAPLES CONTRACT & COMMERCIAL,	OFFICE SUPPLIES	OFFICE SUPPLIES & FURNITURE	8052743791	1/5/2019	1/25/2019	65.03	
791	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	7.49	
792	VIRGINIA BUSINESS SYSTEMS	LEASE/RENT	LARGE FORMAT MONTHLY CHARGES	23974316	12/28/2018	1/14/2019	93.04	
793						<b>Total:</b>	<b>\$1,575.03</b>	
794								
795	<b>ECONOMIC DEVELOPMENT</b>							
796	BANK OF AMERICA	DUES OR ASSOCIATION	P-CARD	123118	12/31/2018	1/16/2019	125.00	
797	FLUVANNA REVIEW	ADVERTISING	JOINT AD WITH EDA & CHAMBER	2018F1-115	12/5/2018	1/4/2019	3,181.36	
798						<b>Total:</b>	<b>\$3,306.36</b>	
799								
800	<b>VA COOPERATIVE EXTENSION</b>							
801	CAPITOL SHEDS	BUILDING	SHED FOR EXTENTION OFFICE	15962	12/31/2018	1/14/2019	4,156.15	
802	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	12.40	
803	VIRGINIA COOPERATIVE EXTENSION	CONTRACT SERVICES	BILLING SALARY FY 2019 2ND QUARTER	010719	1/7/2019	1/14/2019	16,553.13	
804						<b>Total:</b>	<b>\$20,721.68</b>	
805								
806	<b>NON PROFITS</b>							
807	JAUNT, INC.	JAUNT	FY19 3RD QTR ALLOCATION	10119	1/1/2019	1/4/2019	21,250.00	
808	JEFFERSON AREA BOARD FOR AGING	JEFFERSON AREA	FY19 3RD QTR ALLOCATION	10119	1/1/2019	1/4/2019	21,250.00	
809	JEFFERSON AREA CHIP	JEFFERSON AREA CHIP	FY19 3RD QTR ALLOCATION	10119	1/1/2019	1/4/2019	13,005.00	
810	MONTICELLO AREA COMMUNITY	MACAA	FY19 3RD QTR ALLOCATION	10119	1/1/2019	1/4/2019	12,500.00	
811	PIEDMONT VIRGINIA COMMUNITY	PIEDMONT VA. COMM.	FY19 3RD QUARTER ALLOCATION	10119	1/1/2019	1/4/2019	12,606.50	
812	REGION TEN	REGION TEN COMMUNITY	FY19 3RD QTR ALLOCATION	10119	1/1/2019	1/4/2019	31,562.50	
813	THOMAS JEFFERSON PLANNING	T J PLANNING DIST. COMM.	FY19 3RD QTR ALLOCATION	10119	1/1/2019	1/4/2019	8,475.00	
814						<b>Total:</b>	<b>\$120,649.00</b>	
815								
816						<b>100 GENERAL FUND</b>	<b>Fund Total:</b>	<b>\$1,497,797.58</b>
817	<b>Fund # - 302 CAPITAL IMPROVEMENT</b>							
818	<b>IT CAPITAL PROJECT</b>							
819	BANK OF AMERICA	CONTRACT SERVICES	P-CARD	123118	12/31/2018	1/16/2019	(\$20.98)	
820	BANK OF AMERICA	CONTRACT SERVICES	P-CARD	123118	12/31/2018	1/16/2019	15.90	
821	BANK OF AMERICA	CONTRACT SERVICES	P-CARD	123118	12/31/2018	1/16/2019	20.98	
822	BANK OF AMERICA	CONTRACT SERVICES	P-CARD	123118	12/31/2018	1/16/2019	25.20	
823	BANK OF AMERICA	CONTRACT SERVICES	P-CARD	123118	12/31/2018	1/16/2019	70.96	
824	BANK OF AMERICA	CONTRACT SERVICES	P-CARD	123118	12/31/2018	1/16/2019	73.42	





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864					<b>502 SEWER</b>	<b>Fund Total:</b>	<b>\$785.46</b>	
865	<b>Fund # - 505 FORK UNION SANITARY DISTRICT</b>							
866	<b>FORK UNION SANITARY DISTRICT</b>							
867	USDA RURAL DEVELOPMENT	RDA BOND PAYABLE	FUSD DEBT SERVICE	012519	1/25/2019	1/25/2019	1,481.47	
868						<b>Total:</b>	<b>\$1,481.47</b>	
869								
870	<b>FUSD OPERATIONAL EXPENSES</b>							
871	BANK OF AMERICA	GENERAL MATERIALS AND	P-CARD	123118	12/31/2018	1/16/2019	54.00	
872	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	MELTON WELL	9594215007 122818	12/28/2018	1/14/2019	51.89	
873	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	BREMO WELL	8434345008 122818	12/28/2018	1/14/2019	132.36	
874	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	OWENS WELL	9004200003 122718	12/27/2018	1/14/2019	236.83	
875	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	OMUHUNDRO WELL	9346182505 122818	12/28/2018	1/14/2019	541.41	
876	DOMINION VIRGINIA POWER	ELECTRICAL SERVICES	MORRIS WELL	9501772108 122718	12/27/2018	1/14/2019	1,479.75	
877	E.W. OWEN	LEASE/RENT	WELL RENT	01012019	1/1/2019	1/16/2019	150.00	
878	FERGUSON ENTERPRISES, INC	BLDGS EQUIP REP & MAINT	PVC PIPE	5352403-1	12/1/2018	1/14/2019	177.31	
879	FERGUSON ENTERPRISES, INC	BLDGS EQUIP REP & MAINT	PVC PIPE AND SUPPLIES	5352403	11/29/2018	1/14/2019	426.21	
880	LOWE'S	GENERAL MATERIALS AND	ASST. SUPPLIES	9900 033038 3 122518	12/25/2018	1/14/2019	93.60	
881	MO-JOHNS, INC.	PURCHASE OF SERVICES	WASTE WATER - PORTABLE TOILIETS	114820	12/17/2018	1/4/2019	60.00	
882	MO-JOHNS, INC.	PURCHASE OF SERVICES	PORTABLE TOLIET - WASTE WATER	115371	1/14/2019	1/25/2019	60.00	
883	REPUBLIC SERVICES #410	BLDGS EQUIP REP & MAINT	WASTE CONTAINER LIFT FEE, BACKWASH	0410-000667886	12/31/2018	1/16/2019	289.89	
884	SCHNEIDER LABRATORIES INC	PURCHASE OF SERVICES	WET CHEMISTRY	293036	12/18/2018	1/14/2019	30.00	
885	SYDNOR HYDRO, INC.	BLDGS EQUIP REP & MAINT	OMOHUNDRO WELL REPAIR	40018	12/31/2018	1/16/2019	13,772.56	
886	USABLUEBOOK	BLDGS EQUIP REP & MAINT	NIBCO BUTTERFLY VALVE WAFER	754549	12/5/2018	1/4/2019	509.85	
887	USABLUEBOOK	BLDGS EQUIP REP & MAINT	SUPPLIES	776458	1/4/2019	1/16/2019	893.88	
888	USDA RURAL DEVELOPMENT	REDEMPTION OF INTEREST	FUSD DEBT SERVICE	012519	1/25/2019	1/25/2019	3,478.53	
889	VA INFORMATION TECHNOLOGIES	TELECOMMUNICATIONS	MONTHLY LONG DISTANCE CHARGES	T420536	12/27/2018	1/14/2019	87.91	
890						<b>Total:</b>	<b>\$22,525.98</b>	
891								
892					<b>505 FORK UNION SANITARY DISTRICT</b>	<b>Fund Total:</b>	<b>\$24,007.45</b>	
893	<b>Fund # - 510 ZION XR WATER &amp; SEWER</b>							
894	<b>ZION XR W&amp;S EXPENSES</b>							
895	FLUVANNA CIRCUIT COURT CLERK	LAND	PROJECT PARCEL 4 - 2428 RICHMOND	4	1/7/2019	1/8/2019	800.00	
896	FLUVANNA CIRCUIT COURT CLERK	LAND	PROJECT PARCEL 44 - FLINT	44	1/7/2019	1/8/2019	100.00	
897	FLUVANNA CIRCUIT COURT CLERK	LAND	PROJECT PARCEL 45 - FLINT	45	1/7/2019	1/8/2019	600.00	
898	FLUVANNA CIRCUIT COURT CLERK	LAND	PROJECT PARCEL 46 - FLINT	46	1/7/2019	1/8/2019	200.00	
899	FLUVANNA CIRCUIT COURT CLERK	LAND	PROJECT PARCEL 47 - FLINT	47	1/7/2019	1/8/2019	1,100.00	
900	FLUVANNA CIRCUIT COURT CLERK	LAND	PROJECT PARCEL 87 - JAMES L.	87	1/7/2019	1/8/2019	300.00	
901	FLUVANNA CIRCUIT COURT CLERK	LAND	THE COVENANT CHURCH OF GOD OF	75	1/9/2019	1/9/2019	31.00	
902	E. RANDALL RALSTON AND JOHN S.	LAND	ZXR PURCHASE OF EASEMENTS AND/OR	76	1/10/2019	1/10/2019	9,200.00	



	A	B	C	D	F	G	H	J
1	<b>County of Fluvanna</b>		<b>From Date: 1/1/2019</b>					
2	<b>Accounts Payable List</b>		<b>To Date: 1/31/2019</b>					
3								
5	<b>Vendor Name</b>	<b>Charge To</b>	<b>Description</b>	<b>Invoice Number</b>	<b>Invoice Date</b>	<b>Check Date</b>	<b>Check Amount</b>	
903	KENNETH R. MORRIS AND MAXINE C.	LAND	ZXR PURCHASE OF EASEMENTS AND/OR	7	1/10/2019	1/10/2019	2,200.00	
904	MICHAEL D. PUOPOLO AND BETHANY	LAND	ZXR PURCHASE OF EASEMENTS AND/OR	5	1/10/2019	1/10/2019	900.00	
905	JOSE GAONA AND ELPIDIA GAONA	LAND	ZXR PURCHASE OF EASEMENTS AND/OR	36	1/16/2019	1/16/2019	200.00	
906	JOSE GAONA AND ELPIDIA GAONA	LAND	ZXR PURCHASE OF EASEMENTS AND/OR	37	1/16/2019	1/16/2019	600.00	
907	JOSE GAONA AND ELPIDIA GAONA	LAND	ZXR PURCHASE OF EASEMENTS AND/OR	38	1/16/2019	1/16/2019	1,000.00	
908	DANIEL D. BASTILLE ACOSTA	LAND	ZXR PURCHASE OF EASEMENTS AND/OR	32C	1/29/2019	1/29/2019	125.00	
909	DANIELLE M. BORGUS AND JASON R.	LAND	ZXR PURCHASE OF EASEMENTS AND/OR	32B	1/29/2019	1/29/2019	125.00	
910	DOUGLAS R. MORRIS	LAND	ZXR PURCHASE OF EASEMENTS AND/OR	32D	1/29/2019	1/29/2019	125.00	
911	PT HOLDINGS, LLC	LAND	ZXR PURCHASE OF EASEMENTS AND/OR	86	1/29/2019	1/29/2019	4,800.00	
912	STACY SAUL AND HEATHER DAWN	LAND	ZXR PURCHASE OF EASEMENTS AND/OR	32A	1/29/2019	1/29/2019	125.00	
913	XROADS LLC	LAND	ZXR PURCHASE OF EASEMENTS AND/OR	73	1/29/2019	1/29/2019	11,200.00	
914	PAYNE & HODOUS, LLP.	COUNTY ATTY LEGAL- REAL	LEGAL FEES	134376	1/8/2019	1/16/2019	13,103.77	
915						<b>Total:</b>	<b>\$46,834.77</b>	
916								
917					<b>510 ZION XR WATER &amp; SEWER</b>	<b>Fund Total:</b>	<b>\$46,834.77</b>	
918						<b>Total Expenditures by Fund:</b>	<b>\$2,728,441.94</b>	



**FLUVANNA COUNTY BOARD OF SUPERVISORS  
AGENDA ITEM STAFF REPORT**

<b>MEETING DATE:</b>	February 20, 2019				
<b>AGENDA TITLE:</b>	Fluvanna Fire Engine Build Agreement				
<b>MOTION(s):</b>	<b>I move the Board of Supervisors ratify the agreement between Atlantic Emergency Solutions, Inc. and the County of Fluvanna to build a Fire Engine for the Kents Store Fire Department for \$516,803.96.</b>				
<b>STRATEGIC INITIATIVE?</b>	Yes	No	<b>If yes, list initiative(s):</b>		
		X			
<b>AGENDA CATEGORY:</b>	Public Hearing	Action Matter	Presentation	Consent Agenda	Other
				X	
<b>STAFF CONTACT(S):</b>	Cyndi Toler, Purchasing Officer				
<b>PRESENTER(S):</b>	Cyndi Toler, Purchasing Officer				
<b>RECOMMENDATION:</b>	Approve				
<b>TIMING:</b>	Routine				
<b>DISCUSSION:</b>	<ul style="list-style-type: none"> <li>• CIP Funding approved for FY19 is \$566,000.</li> <li>• Replacement of Engine 30 built in 1992 (Kents Store)</li> <li>• The FRA defined the replacement of fire apparatus to be when the unit reaches twenty years of age, which is consistent with NFPA standards.</li> <li>• This contract had to be signed by January 31, 2019 or new pricing would have taken effect that would have increased the price by about 3% (approx. \$15,500)</li> <li>• We have been given a discount of \$19,988.00 if we pre-pay 90% of the cost. The vendor has provided us with a performance bond for the total amount.</li> </ul>				
<b>FISCAL IMPACT:</b>	CIP Funding approved for FY19 is \$566,000.				
<b>POLICY IMPACT:</b>	N/A				
<b>LEGISLATIVE HISTORY:</b>	N/A				
<b>ENCLOSURES:</b>	Contract				
<b>REVIEWS COMPLETED:</b>	Legal	Finance	Purchasing	HR	Other
	X	X	X		



## Purchase Agreement

This Purchase Agreement (together with all attachments and exhibits referenced herein, the "Agreement"), dated this 31 day of January, 2019, made and entered into by and between Atlantic Emergency Solutions, Inc., a Virginia corporation ("Atlantic"), and Fluvanna County, a political subdivision of the Commonwealth of Virginia ("Customer") is effective as of the date specified in Article 3 hereof.

1. **Definitions.** The words below when used in this Agreement are defined as follows:

- a. "**Cooperative Agreement**" means collectively Exhibits 1, 2, and 3 to this Agreement (as defined in Article 2 below).
- b. "**County's General Terms**" means Exhibit 9 to this Agreement (as defined in Article 2 below).
- c. "**Atlantic Proposal**" means collectively the *Cooperative Agreement*, *Proposal Letter* (being Exhibit 4 hereto), *Proposal* (being Exhibit 7 hereto), *Dealer Options* (being Exhibit 5 hereto), *Proposal Options* (being Exhibit 6 hereto), and *Warranties* (being Exhibit 8 hereto), each exhibit being more specifically defined in Article 2 below.
- d. "**Options**" means all those options and additional features, services, work and items listed in Exhibit 5 (the "*Dealer Options*") and Exhibit 6 (the "*Proposal Options*") to this Agreement.
- e. "**Specifications**" means all of the general and particular *Specifications*, warranties, technical *Specifications*, training, and testing requirements for the Product contained in the *Atlantic Proposal* for the *Products* and services being provided to *Customer* under this Agreement and *Specifications* shall include all provisions and requirements under the *Cooperative Agreement*, *Warranty*, and the *County's General Terms*.
- f. "**Product**" means the fire apparatus and any associated equipment manufactured or furnished for the *Customer* by *Atlantic* pursuant to the *Atlantic Proposal* and consistent with all requirements of the *Atlantic Proposal* and the *Specifications*, and specifically including all *Options*, as defined below, and delivery of Product to the *Customer* in Kents Store, Virginia along with at minimum one (1) day new delivery training (the "Training") at a time and place convenient for the *Customer* in the *Customer's* reasonable discretion. Also included with the Product are those options, items, events, airfare, meals, lodging and allowances set forth in the *Dealer Options* (as set out in Exhibit 5). *Options*, Training and Delivery of Product are material parts of the Product under this Agreement.
- g. "**Delivery**" means the date *Atlantic* is prepared to make physical possession of the Product available to the *Customer* in Kents Store, Virginia. In any event *Delivery* and Training must occur no later than 360 days from the Agreement's *Effective Date*, as defined below. Time is of the essence.
- h. "**Acceptance**" The *Customer* shall have thirty (30) calendar days of *Delivery* or thirty (30) calendar days of completion of Training, whichever is later, to inspect the Product for conformance with the *Specifications*; unless the *Customer* sends *Atlantic* a Notice of Defect within thirty (30) calendar days of *Delivery* or the completion of Training, whichever is later, the Product will be deemed to be in conformance with the *Specifications* and accepted by the *Customer* excepting latent material defects. Nothing herein is intended to limit any repair, service or equipment covered under a Warranty (as defined below).
- i. "**Warranty**" means any and all warranties required under the *Cooperative Agreement*, *Atlantic Proposal*, including specifically the *Warranties* (as defined in Article 2), and the *County's General Terms* (Exhibit 9).

2. **Exhibits:** The following exhibits are attached hereto and incorporated herein as material provisions of this Agreement:

- a. Exhibit 1: Fire Service Apparatus (All Types) Contract between Houston-Galveston Area Council of Governments ("HGAC") and *Atlantic Emergency Solutions, Inc.*, dated December 1, 2017;
- b. Exhibit 2: HGAC solicitation for fire service apparatus (all types) FS12-17 issued July 6, 2017, including all suffixes, exhibits, attachments and amendments thereto;
- c. Exhibit 3: *Atlantic* Response to FS12-17, including, but not limited to, prices and options offered and all suffixes, exhibits, attachments and amendments thereto;
- d. Exhibit 4: Proposal Letter from *Atlantic Emergency Solutions*, the *Atlantic* authorized sales and service dealership in Virginia, dated January 21, 2019 (the "Proposal Letter");
- e. Exhibit 5: "Kents Store VFC: Dealer to Furnish" Pumper Pricing *Options* List (the "*Dealer Options*");
- f. Exhibit 6: Proposal Option List dated January 21, 2019 (the "*Proposal Options*");
- g. Exhibit 7: *Atlantic Emergency Solutions* Proposal to Kent Store Volunteer Fire Company (the "Proposal");
- h. Exhibit 8: Product *Warranty* Information (the "*Warranties*"); and
- i. Exhibit 9: *Fluvanna County's General Terms, Conditions and Instructions to Bidders and Contractors* (the "*County's General Terms*").

## Purchase Agreement

3. Purpose. This Agreement sets forth the terms and conditions of *Atlantic's* sale of the Product to the *Customer*.
4. Cooperative Procurement. Pursuant to the Virginia Public Procurement Act, this a cooperatively procured contract off of the *Cooperative Agreement* for fire apparatus, incorporated herein by reference and made a material art of this Agreement. The Product must meet or exceed all requirements of the *Cooperative Agreement* and *Atlantic* must meet or exceed all requirements, provisions and terms of the *Cooperative Agreement* relating to the *Products* to be provided hereunder. Notwithstanding any other provisions hereof, *Atlantic* represents and warrants that all pricing in this Agreement for the *Products* is consistent with or lower than the pricing set forth in the *Cooperative Agreement* and all *Products* purchased hereunder are available under the *Cooperative Agreement*.
5. Term of Agreement. This Agreement will become effective as soon all of the following have occurred: (i) it is signed and approved by both *Customer* and *Atlantic's* authorized representatives; (ii) *Atlantic* delivers the fully executed Contract and appropriate Performance Bond to the *Customer*; and (iii) it is ratified by the Fluvanna County Board of Supervisors at a regular meeting of the Board on February 6<sup>th</sup>, 2019(the "Effective Date"). This Agreement shall continue in full force and effect until the Completion Date or until sooner terminated consistent with the provisions hereof. Notwithstanding the foregoing, all guarantee and warranty provisions of this Agreement, included the *Warranty* as defined above, shall survive the Competition Date and shall continue for the specific warranty period beginning on the Completion Date until the applicable warranty period expires. Any and all provisions that by their terms are intended or implied to survive the Completion Date shall so survive.
6. Purchase and Payment. The *Customer* agrees to purchase the Product made pursuant to this Agreement, *the Atlantic Proposal* and the *Specifications*, with such Product being delivered and made consistent with all requirements of the *Cooperative Agreement* and the *County's General Terms*, for the total purchase price of FIVE HUNDRED SIXTEEN THOUSAND EIGHT HUDNRED AND THREE AND NO/100 DOLLARS (\$516,803.00) ("Purchase Price"). Prices are in U.S. funds. The Purchase Price reflects a prepayment discount which requires the *Customer* to prepay \$483,000.00 of the Purchase Price to *Atlantic* within fourteen (14) days of the *Effective Date*. The remainder of the Purchase Price, being \$33,803.00, may be invoiced by *Atlantic* to the *County* only after the *Completion Date*, as defined below, and the *County* shall have forty-five (45) days to pay such proper invoice. Final payment shall be made in accordance with Section 47 "Payment" of the *County's General Terms*, and in no event shall *Atlantic* be finally paid prior to the *Completion Date*. The date that all *Products* are delivered and are fully operational and all services and work related to the *Products* or necessary for completion of the *Products* in full compliance with this Agreement and all requirements of this Agreement are satisfied, to the sole satisfaction of the *County* is the "Completion Date". Notwithstanding the foregoing the *Customer* and *Atlantic* Agree that included n the Purchase Price is a \$10,000.00 "Equipment Mounting Allowance" (per Exhibit 5) and that if the allowance is not used, in whole or part, such shall not be due and owing to *Atlantic* and *Atlantic's* final invoice will be discounted for the amount of such allowance not so used. ***Atlantic shall deliver to the Customer at Agreement execution a Performance Bond from a in a form acceptable to the Customer from a Virginia surety company for the full Purchase Price. A form of performance bond acceptable to the Customer is attached as Exhibit 10.***
7. Future Changes. Various state or federal regulatory agencies (e.g. NFPA, DOT, EPA) may require changes to the *Specifications* and/or the Product and in any such event any resulting actual cost increases, without mark-up of any kind, incurred to comply therewith will be added to the Purchase Price to be paid by the *Customer*. *Atlantic* will document and itemize any such price increases for the *Customer*. If *Customer* fails to appropriate such additional funds, then the *Customer* may terminate this Agreement for cause and shall have no further liability of any kind hereunder and no cancellation charges of any kind shall apply; and any amounts prepaid to *Atlantic* shall be refunded to the *Customer* within ten (10) days of such termination. If such prepayment is not refunded within ten (10) days, a late fee of \$50.00 per day shall accrue for every day that such payment is delinquent.
8. Agreement Changes. The *Customer* may request that *Atlantic* incorporate a change to the *Products* or the *Specifications* for the *Products* by delivering a change order to *Atlantic*; provided, however, that any such change order must be in writing and include a description of the proposed change sufficient to permit *Atlantic* to evaluate the feasibility of such change ("Change Order"). Within seven (7) business days of receipt of a Change Order, *Atlantic* will inform the *Customer* in writing of the feasibility of the Change Order, the earliest possible implementation date for the Change Order, of any increase or decrease in the Purchase Price resulting from such Change Order, and of any effect on production scheduling or *Delivery* resulting from such Change Order. *Atlantic*



## Purchase Agreement

shall not be liable to the *Customer* for any delay in performance or *Delivery* arising from any such Change Order unless the delay is caused by the fault, willful act or negligence of *Atlantic*. A Change Order is only effective when counter-signed by *Atlantic*'s authorized representative; except that *Atlantic* may not unreasonably withhold or delay approval and signature of any Change Order.

9. Cancellation/Termination. In the event this Agreement is cancelled or terminated by Customer without cause and solely for Customer's convenience before completion, Atlantic may charge a cancellation fee. The following cancellation fee charge schedule based on costs incurred may be applied: (a) 10% of the Purchase Price after the Effective Date; (b) 20% of the Purchase Price after completion of approval drawings, and; (c) 30% of the Purchase Price upon substantial material requisition. The cancellation fee will increase accordingly as actual costs are incurred as the order progresses through engineering and into manufacturing. Notwithstanding the foregoing, the cancellation fee may never exceed actual costs incurred by Atlantic under the Agreement up to cancellation or termination date and Atlantic must use its best efforts to mitigate any such costs through the sale of such Product to another purchaser; however Customer shall remain liable for the difference between the Purchase Price and, if applicable, the sale price obtained by Atlantic upon sale of the Product to another purchaser, plus any actual and reasonable costs incurred by Atlantic to conduct any such sale.

10. Delivery, Inspection and Acceptance.

(a) Delivery. Delivery of the Product is scheduled to be within 360 days after the Effective Date. Time being of the essence. Risk of loss shall pass to *Customer* upon *Delivery* of the Product to the *Customer* with prior noticed of the *Delivery* Date and time provided to *Customer* in advance.

(b) Inspection and Acceptance. From *Delivery* or the completion of Training, whichever occurs later, *Customer* shall have thirty (30) days within which to inspect the Product for conformance to the *Specifications*, and in the event of non-conformance to the *Specifications* to furnish *Atlantic* with written notice sufficient to permit *Atlantic* to evaluate such non-conformance ("Notice of Defect"). Any Product not in conformance to *Specifications* shall be remedied by *Atlantic* within thirty (30) days from the Notice of Defect. In the event *Atlantic* does not receive a Notice of Defect within thirty (30) days of *Delivery* or the completion of Training, whichever is later, Product will be deemed to be in conformance with *Specifications* and Accepted by *Customer*, excepting latent defects. In the event that *Atlantic* fails to remedy a defect within thirty (30) days as required under this Agreement, *Customer* may choose to: (1) Reject the Product in its entirety and receive a complete reimbursement of any and all payments made to *Atlantic* under this agreement, *Atlantic* shall also be required at its sole cost and expense to remove the non-confirming Product from Kents Store, Virginia, and this Agreement shall be deemed null and void and of no further force and effect; or (2) Accept the non-conforming Product subject to a discount equal to either (i) the value of the missing or defective parts, equipment or portions of the Product including any cost to install or make such part, equipment or portion operable, or (ii) the actual cost of the missing or defective part, equipment or portion of the Product including any installation or service fees necessary to make such part, equipment or portion operable based on invoices and receipts. Nothing in this Article 10 is intended to limit any repairs, services or equipment covered under a *Warranty* provided with the Product and *Atlantic* agrees to respond to all *Warranty* claims and repairs promptly and with due diligence.

11. Notice. Any required or permitted notices hereunder must be given in writing at the address of each party set forth below, or to such other address as either party may substitute by written notice to the other in the manner contemplated herein, by one of the following methods: hand delivery; registered, express, or certified mail, return receipt requested, postage prepaid; or nationally-recognized private express courier:

Atlantic:

Atlantic Emergency Solutions, Inc.

Director of Order Management  
12351 Randolph Ridge Lane  
Manassas, Virginia 20109  
Phone: (703) 393-9911

Customer:

Fluvanna County

Attn: Ms. Cyndi Toler, Purchasing Officer  
132 Main Street  
P.O. Box 540  
Palmyra, VA 22963  
Phone: (434) 591-1937

## Purchase Agreement

12. Standard Warranty. Any applicable warranties are set forth in the *Warranty* definition in Article 1 *supra*. Additional warranties contained in any exhibits hereto are expressly approved by *Atlantic* and incorporated into this Agreement and made a material part hereof. Any other warranties must be expressly approved in writing by *Atlantic's* authorized representative.

a. Disclaimer. OTHER THAN AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER *ATLANTIC* EMERGENCY SOLUTIONS, AFFILIATES, SUBSIDIARIES, LICENSORS OR SUPPLIERS, THEIR RESPECTIVE OFFICERS, DIRECTORS, EMPLOYEES, SHAREHOLDERS, AGENTS OR REPRESENTATIVES, MAKE ANY EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE *PRODUCTS* PROVIDED HEREUNDER OR OTHERWISE REGARDING THIS AGREEMENT, WHETHER ORAL OR WRITTEN, EXPRESS, IMPLIED OR STATUTORY, INCLUDING, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, THE IMPLIED WARRANTY AGAINST INFRINGEMENT, AND THE IMPLIED WARRANTY OR CONDITION OF FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED AND DISCLAIMED. STATEMENTS MADE BY SALES REPRESENTATIVES OR IN PROMOTIONAL MATERIALS DO NOT CONSTITUTE WARRANTIES.

b. Exclusions of Incidental and Consequential Damages. In no event shall *Atlantic* be liable for consequential, incidental or punitive damages incurred by *Customer* or any third party in connection with any matter arising out of or relating to this Agreement, or the breach thereof, regardless of whether such damages arise out of breach of warranty, tort, contract, strict liability, statutory liability, indemnity, whether resulting from non-delivery or from *Atlantic's* own negligence, or otherwise. Notwithstanding the foregoing, in the event that a dispute arises between the parties that results in litigation any reasonable attorneys' fees and costs of the substantially prevailing party in such litigation shall be paid by the other party.

13. Insurance. *Atlantic* Emergency Solutions maintains the following limits of insurance with a carrier(s) rated A- or better by A.M. Best:

Commercial General Liability Insurance:

<i>Products/Completed Operations</i>	Aggregate:
\$1,000,000 Each Occurrence:	
\$1,000,000	

Umbrella/Excess Liability Insurance:

Aggregate:	\$25,000,000
Each Occurrence:	\$25,000,000

*Atlantic* will provide to the *Customer* a copy of a current Certificate of Insurance with the coverage listed above or the coverage required under the *County's General Terms*, the higher coverage requirement shall control. Where appropriate *Atlantic* will add *Customer* an additional insured for Commercial General Liability (subject to the terms and conditions of the applicable *Atlantic* insurance policy); and all policies will provide a 30-day notice of cancellation to the named insured.

14. Other Terms. The *County's General Terms* are attached hereto as Exhibit 9 and incorporated herein by reference as a material part of this Agreement.

15. Force Majeure. *Atlantic* shall not be responsible nor deemed to be in default on account of delays in performance due to causes which are beyond *Atlantic's* control which make *Atlantic's* performance impracticable, including but not limited to civil wars, insurrections, strikes, riots, fires, storms, floods, other acts of nature, explosions, earthquakes, accidents, any act of government, allocation regulations or other governmental orders affecting materials, equipment, facilities or completed *Products*, failure to obtain any required license or certificates not being the fault of *Atlantic*, acts of God or the public enemy or terrorism, failure of transportation, epidemics, quarantine restrictions, failure of vendors (due to causes similar to those within the scope of this clause) to perform their contracts or labor troubles causing cessation, slowdown, or interruption of work.

16. Default. The occurrence of one or more of the following shall constitute a default under this Agreement: (a) the *Customer* fails to pay when due any amounts under this Agreement or to perform any of its obligations under this

## Purchase Agreement

Agreement; (b) *Atlantic* fails to perform any of its obligations under this Agreement with time being of the essence; (c) either party becomes insolvent or become subject to a bankruptcy or insolvency proceedings; (d) any representation made by either party to induce the other to enter into this Agreement is false in any material respect; (e) the *Customer* dissolves, merges, consolidates or transfers a substantial portion of its property to another entity; or (f) the *Customer* is in default or has breached any other contract or agreement with *Atlantic*. Upon the occurrence of an event of default by *Atlantic*, the *Customer* in its sole discretion may choose to immediately cancel and terminate this Agreement for cause with no further amounts due and payable hereunder to *Atlantic*. If *Customer* so chooses to cancel and terminate, then any amount already paid to *Atlantic* including any prepayments of any kind shall be immediately refunded to *Customer* with interest rate of (1%). This shall be in addition to any other remedies *Customer* may have in law or in equity owing to *Atlantic's* default.

17. Manufacturer's Statement of Origin. It is agreed that the manufacturer's statement of origin ("MSO") for the Product covered by this Agreement shall remain in the possession of *Atlantic* until the entire Purchase Price has been paid or the Product has been delivered to *Customer*, whichever is sooner. If more than one Product is covered by this Agreement, then the MSO for each individual Product shall remain in the possession of *Atlantic* until the Purchase Price for that Product has been paid in full or the Product has been delivered to *Customer*, whichever is sooner. In case of any default in payment, *Atlantic* may take full possession of the Product, and any payments that have been made shall be applied as payment for the use of the Product up to the date of taking possession.
18. Independent Contractors. The relationship of the parties established under this Agreement is that of independent contractors and neither party is a partner, employee, agent, or joint venture of or with the other.
19. Assignment. Neither party may assign its rights and obligations under this Agreement unless it has obtained the prior written approval of the other party.
20. Governing Law; Jurisdiction. Without regard to any conflict of laws provisions, this Agreement is to be governed by and under the laws of the state of Virginia.
21. Facsimile Signatures. The delivery of signatures to this Agreement by facsimile transmission shall be binding as original signatures.
22. Entire Agreement. This Agreement shall be the exclusive agreement between the parties for the Product. Additional or different terms proposed by the *Customer* shall not be applicable, unless accepted in writing by *Atlantic's* authorized representative. No change in, modification of, or revision of this Agreement shall be valid unless in writing and signed by *Atlantic's* authorized representative.
23. Conflict. Whenever possible the Agreement and exhibits shall be read together and the requirements of all of the same shall be met. In the event of a direct conflict between this Agreement and any exhibit hereto, the following shall be the order of precedence: (i) this Agreement; (ii) the Proposal Letter; (iii) the Proposal; (iv) the *Dealer Options*; (v) the *Proposal Options*; (vi) Warranties; (vii) the *Cooperative Agreement*; and (viii) the County' General Terms. For clarification, (i) would control over (ii) though (viii); (ii) would control over (iii) through (viii); and so forth.

[Signature page to follow.]

# Purchase Agreement

In witness hereof the undersigned duly authorized representatives have executed this Contract on the dates set forth beside their respective signatures:

**Atlantic:**  
Atlantic Emergency Solutions, Inc.

**Customer:**  
County of Fluvanna, a political subdivision of the Commonwealth of Virginia

By: Kevin Sawbridge Date: 1-31-19

By: [Signature] Date: 1/31/19

Name: Kevin Sawbridge

Name: Steven M. Nichols

Title: Vice President VA Sales

Title: County Administrator  
Fluvanna County

APPROVED AS TO FORM:

[Signature]  
Fluvanna County Attorney, by Kristina M. Hofmann, Assistant County Attorney

A CONTRACT BETWEEN  
**HOUSTON-GALVESTON AREA COUNCIL**  
Houston, Texas  
AND  
**ATLANTIC EMERGENCY SOLUTIONS, INC.**  
Manassas, Virginia

This Contract is made and entered into by the **Houston-Galveston Area Council of Governments**, hereinafter referred to as **H-GAC**, having its principal place of business at 3555 Timmons Lane, Suite 120, Houston, Texas 77027, AND, **Atlantic Emergency Solutions, Inc.**, hereinafter referred to as the **CONTRACTOR**, having its principal place of business at 12351 Randolph Ridge Lane, Manassas, Virginia 20109.

**ARTICLE 1:** SCOPE OF SERVICES

The parties have entered into a **Fire Service Apparatus (All Types)** Contract to become effective as of December 1, 2017, and to continue through November 30, 2019 (the "**Contract**"), subject to extension upon mutual agreement of the **CONTRACTOR** and **H-GAC**. **H-GAC** enters into the Contract as Agent for participating governmental agencies, each hereinafter referred to as **END USER**, for the purchase of **Fire Service Apparatus (All Types)** offered by the **CONTRACTOR** in states other than Texas. The **CONTRACTOR** agrees to sell **Fire Service Apparatus (All Types)** through the **H-GAC** Contract to **END USERS** in states other than Texas.

**ARTICLE 2:** THE COMPLETE AGREEMENT

The Contract shall consist of the documents identified below in order of precedence:

1. The text of this Contract form, including but not limited to, Attachment A
2. General Terms and Conditions
3. Bid Specifications No: **FS12-17**, including any relevant suffixes
4. **CONTRACTOR's** Response to Bid No: **FS12-17**, including but not limited to, prices and options offered

All of which are either attached hereto or incorporated by reference and hereby made a part of this Contract, and shall constitute the complete agreement between the parties hereto. This Contract supersedes any and all oral or written agreements between the parties relating to matters herein. Except as otherwise provided herein, this Contract cannot be modified without the written consent of both parties.

**ARTICLE 3:** LEGAL AUTHORITY

**CONTRACTOR** and **H-GAC** warrant and represent to each other that they have adequate legal counsel and authority to enter into this Contract. The governing bodies, where applicable, have authorized the signatory officials to enter into this Contract and bind the parties to the terms of this Contract and any subsequent amendments thereto.

**ARTICLE 4:** APPLICABLE LAWS

The parties agree to conduct all activities under this Contract in accordance with all applicable rules, regulations, directives, issuances, ordinances, and laws in effect or promulgated during the term of this Contract.

**ARTICLE 5:** INDEPENDENT CONTRACTOR

The execution of this Contract and the rendering of services prescribed by this Contract do not change the independent status of **H-GAC** or **CONTRACTOR**. No provision of this Contract or act of **H-GAC** in performance of this Contract shall be construed as making **CONTRACTOR** the agent, servant or employee of **H-GAC**, the State of Texas or the United States Government. Employees of **CONTRACTOR** are subject to the exclusive control and supervision of **CONTRACTOR**. **CONTRACTOR** is solely responsible for employee payrolls and claims arising therefrom.

**ARTICLE 6:** END USER AGREEMENTS

**H-GAC** acknowledges that the **END USER** may choose to enter into an End User Agreement with the **CONTRACTOR** through this Contract and that the term of said Agreement may exceed the term of the **H-GAC** Contract. However this acknowledgement is not to be construed as **H-GAC's** endorsement or approval of the End User Agreement terms and conditions. **CONTRACTOR** agrees not to offer to, agree to or accept from **END USER** any terms or conditions that conflict with or contravene those in **CONTRACTOR's** **H-GAC** contract. Further, termination of this Contract for any reason shall not result in the termination of the underlying End User Agreements entered into between **CONTRACTOR** and any **END USER** which shall, in each instance, continue pursuant to their stated terms and duration. The only effect of termination of this Contract is that **CONTRACTOR** will no longer be able to enter into any new End User Agreements with **END USERS** pursuant to this Contract. Applicable **H-GAC** order processing charges will be due and payable to **H-GAC** on any End User Agreements surviving termination of this Contract between **H-GAC** and **CONTRACTOR**.

**ARTICLE 7:****SUBCONTRACTS & ASSIGNMENTS**

**CONTRACTOR** agrees not to subcontract, assign, transfer, convey, sublet or otherwise dispose of this Contract or any right, title, obligation or interest it may have therein to any third party without prior written notice to **H-GAC**. **H-GAC** reserves the right to accept or reject any such change. **CONTRACTOR** shall continue to remain responsible for all performance under this Contract regardless of any subcontract or assignment. **H-GAC** shall be liable solely to **CONTRACTOR** and not to any of its Subcontractors or Assignees.

**ARTICLE 8:****EXAMINATION AND RETENTION OF CONTRACTOR'S RECORDS**

**CONTRACTOR** shall maintain during the course of its work, complete and accurate records of items that are chargeable to **END USER** under this Contract. **H-GAC**, through its staff or its designated public accounting firm, the State of Texas, or the United States Government shall have the right at any reasonable time to inspect copy and audit those records on or off the premises of **CONTRACTOR**. Failure to provide access to records may be cause for termination of this Contract. **CONTRACTOR** shall maintain all records pertinent to this Contract for a period of not less than five (5) calendar years from the date of acceptance of the final contract closeout and until any outstanding litigation, audit or claim has been resolved. The right of access to records is not limited to the required retention period, but shall last as long as the records are retained. **CONTRACTOR** further agrees to include in all subcontracts under this Contract, a provision to the effect that the subcontractor agrees that **H-GAC'S** duly authorized representatives, shall, until the expiration of five (5) calendar years after final payment under the subcontract or until all audit findings have been resolved, have access to, and the right to examine and copy any directly pertinent books, documents, papers, invoices and records of such subcontractor involving any transaction relating to the subcontract.

**ARTICLE 9:****REPORTING REQUIREMENTS**

**CONTRACTOR** agrees to submit reports or other documentation in accordance with the General Terms and Conditions of the Bid Specifications. If **CONTRACTOR** fails to submit to **H-GAC** in a timely and satisfactory manner any such report or documentation, or otherwise fails to satisfactorily render performance hereunder, such failure may be considered cause for termination of this Contract.

**ARTICLE 10:****MOST FAVORED CUSTOMER CLAUSE**

If **CONTRACTOR**, at any time during this Contract, routinely enters into agreements with other governmental customers within the State of Texas, and offers the same or substantially the same products/services offered to **H-GAC** on a basis that provides prices, warranties, benefits, and or terms more favorable than those provided to **H-GAC**, **CONTRACTOR** shall notify **H-GAC** within ten (10) business days thereafter of that offering and this Contract shall be deemed to be automatically amended effective retroactively to the effective date of the most favorable contract, wherein **CONTRACTOR** shall provide the same prices, warranties, benefits, or terms to **H-GAC** and its **END USER**. **H-GAC** shall have the right and option at any time to decline to accept any such change, in which case the amendment shall be deemed null and void. If **CONTRACTOR** is of the opinion that any apparently more favorable price, warranty, benefit, or term charged and/or offered a customer during the term of this Contract is not in fact most favored treatment, **CONTRACTOR** shall within ten (10) business days notify **H-GAC** in writing, setting forth the detailed reasons **CONTRACTOR** believes aforesaid offer which has been deemed to be a most favored treatment, is not in fact most favored treatment. **H-GAC**, after due consideration of such written explanation, may decline to accept such explanation and thereupon this Contract between **H-GAC** and **CONTRACTOR** shall be automatically amended, effective retroactively, to the effective date of the most favored agreement, to provide the same prices, warranties, benefits, or terms to **H-GAC**.

The Parties accept the following definition of routine: A prescribed, detailed course of action to be followed regularly; a standard procedure. *EXCEPTION: This clause shall not be applicable to prices and price adjustments offered by a bidder, or contractor, which are not within bidder's control [example; a manufacturer's bid concession], or to any prices offered to the Federal Government and its agencies.*

**ARTICLE 11:****SEVERABILITY**

All parties agree that should any provision of this Contract be determined to be invalid or unenforceable, such determination shall not affect any other term of this Contract, which shall continue in full force and effect.

**ARTICLE 12:****DISPUTES**

Any and all disputes concerning questions of fact or of law arising under this Contract, which are not disposed of by agreement, shall be decided by the Executive Director of **H-GAC** or his designee, who shall reduce his decision to writing and provide notice thereof to **CONTRACTOR**. The decision of the Executive Director or his designee shall be final and conclusive unless, within thirty (30) days from the date of receipt of such notice, **CONTRACTOR** requests a rehearing from the Executive Director of **H-GAC**. In connection with any rehearing under this Article, **CONTRACTOR** shall be afforded an opportunity to be heard and offer evidence in support of its position. The decision of the Executive Director after any such rehearing shall be final and conclusive. **CONTRACTOR** may, if it elects to do so, appeal the final and conclusive decision of the Executive Director to a court of competent jurisdiction. Pending final decision of a dispute hereunder, **CONTRACTOR** shall proceed diligently with the performance of this Contract and in accordance with **H-GAC'S** final decision.

**ARTICLE 13:****LIMITATION OF CONTRACTOR'S LIABILITY**

Except as specified in any separate writing between the **CONTRACTOR** and an **END USER**, **CONTRACTOR's** total liability under this Contract, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, but excluding its obligation to indemnify **H-GAC** described in Article 14, is limited to the price of the particular products/services sold hereunder, and **CONTRACTOR** agrees either to refund the purchase price or to repair or replace product(s) that are not as warranted. In no event will **CONTRACTOR** be liable for any loss of use, loss of time, inconvenience, commercial loss, lost profits or savings or other incidental, special or consequential damages to the full extent such use may be disclaimed by law. **CONTRACTOR** understands and agrees that it shall be liable to repay and shall repay upon demand to **END USER** any amounts determined by **H-GAC**, its independent auditors, or any agency of State or Federal government to have been paid in violation of the terms of this Contract.

**ARTICLE 14:****LIMIT OF H-GAC'S LIABILITY AND INDEMNIFICATION OF H-GAC**

**H-GAC's** liability under this Contract, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, is limited to its order processing charge. In no event will **H-GAC** be liable for any loss of use, loss of time, inconvenience, commercial loss, lost profits or savings or other incidental, special or consequential damages to the full extent such use may be disclaimed by law. Contractor agrees, to the extent permitted by law, to defend and hold harmless **H-GAC**, its board members, officers, agents, officials, employees, and indemnities from any and all claims, costs, expenses (including reasonable attorney fees), actions, causes of action, judgments, and liens arising as a result of **CONTRACTOR's** negligent act or omission under this Contract. **CONTRACTOR** shall notify **H-GAC** of the threat of lawsuit or of any actual suit filed against **CONTRACTOR** relating to this Contract.

**ARTICLE 15:****TERMINATION FOR CAUSE**

**H-GAC** may terminate this Contract for cause based upon the failure of **CONTRACTOR** to comply with the terms and/or conditions of the Contract; provided that **H-GAC** shall give **CONTRACTOR** written notice specifying **CONTRACTOR'S** failure. If within thirty (30) days after receipt of such notice, **CONTRACTOR** shall not have either corrected such failure, or thereafter proceeded diligently to complete such correction, then **H-GAC** may, at its option, place **CONTRACTOR** in default and the Contract shall terminate on the date specified in such notice. **CONTRACTOR** shall pay to **H-GAC** any order processing charges due from **CONTRACTOR** on that portion of the Contract actually performed by **CONTRACTOR** and for which compensation was received by **CONTRACTOR**.

**ARTICLE 16:****TERMINATION FOR CONVENIENCE**

Either **H-GAC** or **CONTRACTOR** may cancel or terminate this Contract at any time by giving thirty (30) days written notice to the other. **CONTRACTOR** may be entitled to payment from **END USER** for services actually performed; to the extent said services are satisfactory to **END USER**. **CONTRACTOR** shall pay to **H-GAC** any order processing charges due from **CONTRACTOR** on that portion of the Contract actually performed by **CONTRACTOR** and for which compensation is received by **CONTRACTOR**.

**ARTICLE 17:****CIVIL AND CRIMINAL PROVISIONS AND SANCTIONS**

**CONTRACTOR** agrees that it will perform under this Contract in conformance with safeguards against fraud and abuse as set forth by **H-GAC**, the State of Texas, and the acts and regulations of any funding entity. **CONTRACTOR** agrees to notify **H-GAC** of any suspected fraud, abuse or other criminal activity related to this Contract through filing of a written report promptly after it becomes aware of such activity.

**ARTICLE 18:****GOVERNING LAW & VENUE**

This Contract shall be governed by the laws of the State of Texas. Venue and jurisdiction of any suit or cause of action arising under or in connection with this Contract shall lie exclusively in Harris County, Texas. Disputes between **END USER** and **CONTRACTOR** are to be resolved in accord with the law and venue rules of the state of purchase. **CONTRACTOR** shall immediately notify **H-GAC** of such disputes.

**ARTICLE 19:****PAYMENT OF H-GAC ORDER PROCESSING CHARGE**

**CONTRACTOR** agrees to sell its products to **END USERS** based on the pricing and other terms of this Contract, including, but not limited to, the payment of the applicable **H-GAC** order processing charge. On notification from an **END USER** that an order has been placed with **CONTRACTOR**, **H-GAC** will invoice **CONTRACTOR** for the applicable order processing charge. Upon delivery of any product/service by **CONTRACTOR** and acceptance by **END USER**, **CONTRACTOR** shall, within thirty (30) calendar days or ten (10) business days after receipt of payment, whichever is less, pay **H-GAC** the full amount of the applicable order processing charge, whether or not **CONTRACTOR** has received an invoice from **H-GAC**. For sales made by **CONTRACTOR** based on this contract, including sales to entities without Interlocal Contracts, **CONTRACTOR** shall pay the applicable order processing charges to **H-GAC**. Further, **CONTRACTOR** agrees to encourage entities who are not members of **H-GAC's** Cooperative Purchasing Program to execute an **H-GAC** Interlocal Contract. **H-GAC** reserves the right to take appropriate actions including, but not limited to, contract termination if **CONTRACTOR** fails to promptly remit **H-GAC's** order processing charge. In no event shall **H-GAC** have any liability to **CONTRACTOR** for any goods or services an **END USER** procures from **CONTRACTOR**.

**ARTICLE 20:**

**LIQUIDATED DAMAGES**

Any liquidated damages terms will be determined between CONTRACTOR and END USER at the time END USER's purchase order is placed.

**ARTICLE 21:**

**PERFORMANCE AND PAYMENT BOND FOR INDIVIDUAL ORDERS**

H-GAC's contractual requirements DO NOT include a Performance & Payment Bond (PPB), and offered pricing should reflect this cost saving. However, CONTRACTOR must be prepared to offer a PPB to cover any specific order if so requested by END USER. CONTRACTOR shall quote a price to END USER for provision of any requested PPB, and agrees to furnish the PPB within ten business (10) days of receipt of END USER's purchase order.

**ARTICLE 22:**

**CHANGE OF CONTRACTOR STATUS**

CONTRACTOR shall immediately notify H-GAC, in writing, of ANY change in ownership, control, dealership/franchisee status, Motor Vehicle license status, or name, and shall also advise whether or not this Contract shall be affected in any way by such change. H-GAC shall have the right to determine whether or not such change is acceptable, and to determine what action shall be warranted, up to and including cancellation of Contract.

**ARTICLE 23:**

**LICENSING REQUIRED BY TEXAS MOTOR VEHICLE BOARD [IF APPLICABLE]**


CONTRACTOR will for the duration of this Contract maintain current licenses that are required by the Texas Motor Vehicle Commission Code. If at any time during this Contract period, any CONTRACTOR'S license is not renewed, or is denied or revoked, CONTRACTOR shall be deemed to be in default of this Contract unless the Motor Vehicle Board issues a stay or waiver. Contractor shall promptly provide copies of all current applicable Texas Motor Vehicle Board documentation to H-GAC upon request.

IN WITNESS WHEREOF, the parties have caused this Contract to be executed by their duly authorized representatives.


Signed for **Houston-Galveston**  
Area Council, Houston, Texas:

  
\_\_\_\_\_  
Jack Steele, Executive Director

Attest for **Houston-Galveston**  
Area Council, Houston, Texas:


  
\_\_\_\_\_  
Chuck Wemple, Chief Operations Officer  
Date: 10/26, 2017

Signed for **Atlantic Emergency Solutions, Inc.**  
Manassas, Virginia:

  
\_\_\_\_\_  
Printed Name & Title: Joseph R. Pak President CEO

Date: October 18, 2017

Attest for **Atlantic Emergency Solutions, Inc.**  
Manassas, Virginia:

  
\_\_\_\_\_  
Printed Name & Title: John Jackson Director of Order Management

Date: October 18, 2017



**Attachment A**  
**Atlantic Emergency Solutions, Inc.**  
**Fire Service Apparatus (All Types)**  
**Contract No. FS12-17**

<b>T. Pierce</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		
TA01	Pierce Enforcer Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 75' Rear-Mounted Telescoping Ladder (500#)	\$ 746,013.00
TA02	Pierce Enforcer Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 75' Rear-Mounted Telescoping Ladder (500#)	\$ 758,735.00
TA03	Pierce Enforcer Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 107' Rear-Mounted Telescoping Ladder	\$ 817,640.00
TA04	Pierce Enforcer Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Rear Axle, 107' Rear-Mounted Telescoping Ladder	\$ 860,089.00
TA05	Pierce Enforcer Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Rear Axle, 110' Rear-Mounted Telescoping Platform	\$ 901,609.00
TA06	Pierce Enforcer Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 105' Rear-Mounted Telescoping Ladder (500#)	\$ 849,820.00
TA07	Pierce Arrow Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 100' Mid-Mounted Telescoping Ladder (#500)	\$ 1,036,731.00
TA08	Pierce Arrow Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 85' Rear-Mounted Telescoping Ladder with Platform (750#)	\$ 994,689.00
TA09	Pierce Arrow Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 95' Mid-Mounted Telescoping Ladder with Platform (750#)	\$ 1,137,020.00
TA10	Pierce Arrow Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 100' Rear-Mounted Telescoping Ladder with Platform (750#)	\$ 1,081,045.00
TA11	Pierce Arrow Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 100' Tractor Drawn - Mid-Mounted Telescoping Ladder (#500)	\$ 984,921.00
TA12	Pierce Arrow Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 107' Tractor Drawn - Mid-Mounted Telescoping Ladder (#500)	\$ 1,065,126.00
<b>B. Wildland Fire Apparatus</b>		
TB01	Pierce Brush Fire Apparatus, Ford F450, Formed Aluminum Utility Body	\$ 126,354.00
TB02	Pierce Brush Fire Apparatus, Ford F-550 Mini Pumper 500 gpm, 300 tank	\$ 206,696.00
TB03	Freightliner 4-Door 4 x 4 Wildland, 500 water, 1000 gpm Pump	\$ 273,343.00
<b>C. Pumper Fire Apparatus</b>		
TC01	M2 Freightliner, 2-Door, OEM Cab, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	\$ 219,712.00
TC02	IHC, 2-Door, OEM Cab, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	\$ 224,952.00
TC03	KW, 2-Door, OME Cab, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	\$ 233,808.00
TC04	Peterbilt, 2-Door, OME Cab, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	\$ 243,701.00
TC05	Pierce Saber FR, 4-Door, Full-Tilt, Aluminum Cab, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	\$ 387,161.00
TC06	Pierce Enforcer, 4-Door, Full-Tilt, Aluminum Cab, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	\$ 416,850.00
TC07	Pierce Dash CF, 4-Door, Full-Tilt, Aluminum Cab, Aluminum Body, Single Axle, 1250 GPM Pump, PUC Body Pumper	\$ 528,525.00
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk In Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile</b>		
TD01	Ford F-550 4-Door, 12' Non-Walk-in Formed Aluminum Body	\$ 142,594.00
TD02	M2 Freightliner, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Non-Walk-In Body	\$ 181,536.00
TD03	IHC, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Non-Walk-In Body	\$ 187,419.00
TD04	Kenworth, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Non-Walk-In Body	\$ 188,754.00

<b>TD05</b>	Peterbilt, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Non-Walk-In Body	\$ 198,398.00
<b>TD06</b>	Pierce Saber FR, Full-Tilt, Aluminum Cab, Single Axle, Formed Aluminum Body, Non-Walk-In HDR Body	\$ 390,488.00
<b>TD07</b>	Pierce Enforcer 4-Door, Aluminum Cab, Single Axle, Formed Aluminum Body, Non Walk-in HDR Body	\$ 412,432.00
<b>TD08</b>	Pierce Velocity 4-Door Aluminum Cab, Tandem Axle Non-Walk-in HDR Body	\$ 499,447.00
<b>TD09</b>	M2 Freightliner, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Walk-In Body	\$ 273,993.00
<b>TD10</b>	IHC, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Walk-In Body	\$ 276,669.00
<b>TD11</b>	Kenworth, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Walk-In Body	\$ 279,627.00
<b>TD12</b>	Peterbilt, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Walk-In Body	\$ 286,436.00
<b>TD13</b>	Pierce Enforcer 4-Door, Full Tilt, Aluminum Cab, Single Axle, Formed Aluminum Body, Walk-in HDR Body	\$ 445,668.00
<b>TD14</b>	Pierce Velocity 4-Door Aluminum Cab, Tandem Axle Walk-in HDR Body	\$ 542,213.00
<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>TE01</b>	Freightliner 2 Door, Single Axle Tanker, Aluminum Body w/2000 water & 500 pump	\$ 262,886.00
<b>TE02</b>	IHC 2dr Single Axle Tanker, Aluminum Body w/2000 water & 500 pump	\$ 243,565.00
<b>TE03</b>	Kenworth 2dr Single Axle Tanker, Aluminum Body w/2000 water & 500 pump	\$ 242,662.00
<b>TE04</b>	Peterbilt 2dr Single Axle Tanker, Aluminum w/2000 water & 500 pump	\$ 271,756.00
<b>TE05</b>	Pierce Saber FR, 4-Door, Full-Tilt, Aluminum Cab, Pumper/Tanker, Aluminum Body, Single Axle, 1000 GPM Pump, Mid-Mounted	\$ 424,612.00
<b>TE06</b>	Pierce Enforcer, 4-Door, Full-Tilt, Aluminum Cab, Pumper/Tanker, Aluminum Body, Tandem Axle, 1000 GPM Pump, Mid-Mounted	\$ 436,967.00
<b>TE07</b>	Freightliner 2dr, Tandem Axle Tanker, Aluminum Body w/3000 water & 500 pump	\$ 280,409.00
<b>TE08</b>	IHC 2dr Tandem Axle Tanker, Aluminum Body w/3000 water & 500 pump	\$ 293,270.00
<b>TE09</b>	Kenworth 2dr Tandem Axle Tanker, Aluminum Body w/3000 water & 500 pump	\$ 286,728.00
<b>TE10</b>	Peterbilt 2dr Tandem Axle Tanker, Aluminum w/3000 water & 500 pump	\$ 286,728.00
<b>TE11</b>	Pierce Saber FR, 4-Door, Full-Tilt, Aluminum Cab, Aluminum Body, Single Axle, 1000 GPM Pump, Mid-Mounted Elliptical Tanker	\$ 457,727.00
<b>TE12</b>	Pierce Enforcer, 4-Door, Full-Tilt, Aluminum Cab, Aluminum Body, Tandem Axle, 1000 GPM Pump, Mid-Mounted Elliptical Tanker	\$ 490,508.00



**COOPERATIVE PURCHASING PROGRAM**  
Houston-Galveston Area Council of Governments  
3555 Timmons, Suite 120, Houston, TX 77027  
Phone: 800-926-0234 Fax: 713-993-4548  
[www.hgacbuy.org](http://www.hgacbuy.org)

INVITATION TO SUBMIT COMPETITIVE:

**BIDS**

**PROPOSALS**

INVITATION No.: **FS12-17**

ISSUE DATE: **July 6, 2017**

CATEGORY: **Fire Service Apparatus (All Types)**

### PURPOSE OF THIS INVITATION

The Cooperative Purchasing Program (**HGACBuy**) of the Houston-Galveston Area Council of Governments is soliciting offerings for the furnishing of products/services as described herein. These products/services may be purchased by any of more than 7,000 member local governments, districts, agencies in 49 states across the nation.

Responses must be submitted in an original and one (1) copy, and shall be subject to the terms, conditions, requirements and specifications detailed in the documents comprising this Invitation. Responses are scheduled to be opened publicly at **H-GAC** offices on the date indicated. For Bid Invitations, responses will be available for public review until 4:00 p.m. CT that day, and on subsequent days by appointment only. Any Responses submitted later than 1:00 p.m. on the due date will be returned unopened to the bidder/proposer.

### PROCUREMENT SCHEDULE & DETAILS

<b>DRAFT SPECIFICATION / INVITATION:</b>	May 4, 2017
<b>PRE-BID/PROPOSAL CONFERENCE:</b>	June 1, 2017 @ 9:00 a.m. CT; Conference Room A
<b>FINAL SPECIFICATION / INVITATION:</b>	July 6, 2017
<b>BID/PROPOSAL RESPONSES DUE:</b>	August 10, 2017 @ 1:00 p.m. CT; H-GAC Clock
<b>PUBLIC RESPONSE OPENING:</b>	August 10, 2017 @ 2:00 p.m. CT; H-GAC Clock
<b>RECOMMENDATIONS TO BOARD:</b>	October 17, 2017
<b>CONTRACT START DATE &amp; TERM:</b>	December 1, 2017 thru November 30, 2019
The documents comprising this Invitation are available via web download at: <a href="https://www.hgacbuy.org/bids/">https://www.hgacbuy.org/bids/</a>	
For assistance regarding this Invitation, please contact:	
Name: <b>Bill Burton</b>	Phone: <b>832-681-2514</b> E-mail: <b>wburton@h-gac.com</b>

### CONTENTS OF THIS INVITATION

**SECTION A** - General Terms & Conditions

**SECTION B** - Product/Service Specific Requirements & Specifications (Final)

**SECTION C** - **HGACBuy** *FORMS* (Final)

**SECTION D** - Pro-Forma (Sample) Contract

**This procurement conforms to government requirements for Competitive Procurement.**

## LABELING OF SEALED RESPONSE PACKAGE

### **IMPORTANT:**

You must affix an identifying label to the outside of your Sealed Response Package to ensure proper identification and log-in at **HGACBuy** offices on receipt. **HGACBuy** is not responsible for any response that might be lost or misdirected due to improper or unclear labeling. Your label should look as follows and should be affixed conspicuously to the package.



**Responses by E-mail or FAX will not be acceptable. Hard copies, as described herein, plus appropriate electronic media are required.**

## NOTICE REGARDING NATIONWIDE SALES POTENTIAL

**HGACBuy** is conducting this procurement with the objective of establishing one or more blanket type contracts for use by our Members. Because our Members are located not only in Texas, but throughout the country, we strongly urge you to participate in the process at the corporate level. If you do not sell direct, your dealer network may still service customers while you handle the administrative functions of providing quotes, accepting purchase orders, and collecting payments. If this is not feasible, we will work with you to subsequently assign your contract to your dealers as necessary to service customers.

Whatever approach you choose to take, there is considerable potential sales value because **HGACBuy** is being used not only in the State of Texas, but **NATIONWIDE**. This means that **HGACBuy** contractors will have a special advantage available to them in promoting sales to government agencies throughout the country... the ability to sell products without the need for the buyer to duplicate the competitive bidding process and expend the associated staff time and taxpayer dollars. We believe an **HGACBuy** contract would enhance your competitive position in the government marketplace, and are eager to work with you to promote the best interests of our participating local governments and qualifying non-profit organizations.

We look forward to your participation in our process. Please contact the **HGACBuy** staff member listed on the cover of this Invitation for additional information.



**SECTION A**  
**GENERAL TERMS & CONDITIONS**  
**FOR BIDS AND PROPOSALS**

**INVITATION No. FS12-17**

**DESCRIPTION: Fire Service Apparatus (All Types)**

**TABLE OF CONTENTS**

1.	INTRODUCTION .....	2
2.	DEFINITIONS, ABBREVIATIONS & ACRONYMS .....	2
3.	NON-BINDING ORAL COMMENTS .....	4
4.	STRUCTURE OF RESPONSE .....	4
5.	BASIC REQUIREMENTS & CONDITIONS.....	4
6.	OFFEROR'S AUTHORIZED SIGNATORY .....	5
7.	SURETY FOR INSURANCE .....	5
8.	CONFIDENTIAL / PROPRIETARY MATERIALS .....	6
9.	REFERENCES .....	6
10.	INSURANCE .....	6
11.	OFFEROR CERTIFICATIONS.....	6
12.	HISTORICALLY UNDERUTILIZED BUSINESS (HUB) PARTICIPATION.....	7
13.	NON-RESIDENT RECIPROCAL SALES ACT .....	7
14.	TEXAS MOTOR VEHICLE COMMISSION CODE & LICENSING.....	8
15.	INTENT AND SCOPE OF SPECIFICATIONS .....	8
16.	REQUIREMENTS APPLICABLE TO PHYSICAL GOODS.....	8
17.	PRODUCT CODES .....	8
18.	SPECIFIC DESCRIPTIVE REFERENCES.....	9
19.	MANUALS .....	9
20.	STANDARD FEATURES & OPTIONS .....	9
21.	WARRANTIES, SALES & SERVICE .....	10
22.	H-GAC ORDER PROCESSING CHARGE .....	10
23.	PRE-PAYMENTS AND DISCOUNTS .....	10
24.	INSPECTION / TESTING .....	11
25.	PRODUCT DELIVERY .....	11
26.	OFFERED PRODUCT ITEM VARIANCES .....	11
27.	REQUIREMENTS FOR SUBMISSION OF A RESPONSE.....	11
28.	CLARIFICATION TO SPECIFICATIONS & REQUIREMENTS.....	13
29.	INCONSISTENT INFORMATION.....	13
30.	REJECTION OF RESPONSES.....	13
31.	WITHDRAWAL OR MODIFICATION OF RESPONSES .....	14
32.	RESPONSE EVALUATION .....	14
33.	ORDER OF PRECEDENCE PRIOR TO CONTRACT AWARD .....	14
34.	AWARD OF CONTRACT .....	14
35.	PRO-FORMA CONTRACT .....	14
36.	CONTRACT TERM .....	15
37.	PERFORMANCE & PAYMENT BOND .....	15
38.	CHANGE ORDERS.....	15

39.	DUPLICATION OF TERMS OR STATEMENTS.....	15
40.	PUBLICITY .....	15
41.	TAXES .....	15
42.	DRUG FREE WORKPLACE .....	15
43.	PRODUCT NOTICES & MAILINGS .....	15
44.	HANDLING OF ORDERS & PAYMENTS.....	15
45.	PRICE CHANGES.....	16
46.	CONTRACT ITEM CHANGES .....	17
47.	FORCE MAJEURE.....	17
48.	PERFORMANCE UNDER CONTRACT .....	17
49.	IMPLEMENTATION OF INTERNET BASED E-COMMERCE .....	18
50.	CONTRACTOR ORIENTATION/TRAINING.....	18
51.	LEGAL & CONTRACTUAL REMEDIES .....	18
52.	NATIONWIDE SALES OPPORTUNITIES.....	19

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## 1. INTRODUCTION

The Houston-Galveston Area Council (**H-GAC**) is a "Government-to-Government" procurement service for States, State Agencies, Local Governments, Districts, Authorities, and qualifying Not-for-Profit Corporations (**End Users**). End Users become **Members** of the **H-GAC** Cooperative Purchasing Program (**HGACBuy**) by executing an Interlocal Contract, which is free of cost and evergreen unless cancelled. **HGACBuy**, acting on behalf of **Members**, is soliciting competitive offerings for the furnishing of products and/or services, as described elsewhere, which MAY be purchased by **Members** during the contract term. **Members** using the Program issue purchase orders directly to **HGACBuy** contractors.

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## 2. DEFINITIONS, ABBREVIATIONS & ACRONYMS

The following definitions, abbreviations and acronyms may be found in these specifications, and shall be interpreted herein as specified below.

### Definitions and Abbreviations:

**Acceptance.** Acceptance takes place when the **End User** agrees with the **Contractor** that the terms and conditions of the contract have been met and verified. Acceptance is not the same as Receipt, and can only occur after intact shipping, inspection by **End User**, and any onsite testing that has been stipulated as part of the order

**Aggregate/Single Occurrence.** The term "*aggregate*" in insurance terms is the sum of all claims against a specific policy for a specific loss incident. The term "*single occurrence*" differentiates between multiple claims and single claims against a specific policy. The inherent value of a policy's aggregate value is less important to an **End User** than is the value of a single claim as stated under "*single occurrence*."

**Approved.** Acceptable to the "authority having jurisdiction."

**ARO.** "After Receipt of Order". Used in conjunction with a defined time period (usually days or weeks) to establish the delivery or lead time pursuant to any individual purchase transaction. In the case of orders for bodies which will be mounted on a customer furnished cab/chassis, the term ARO shall be construed to mean "After Receipt Of Cab/Chassis".

**Authority Having Jurisdiction.** The authority shall be either **H-GAC** or the relevant **End User** based on the requirements as stated in each specification item. Unless specifically stated, the authority shall be **H-GAC**.

**Bidder.** Any entity that submits a competitive bid to this Invitation. (See also "**Offeror**")

**Change Order.** Request by an **End User** for a change in the composition of an already submitted purchase order, for example to change quantity ordered, add or delete items, etc.

**Contract.** Specifically, a contract between **H-GAC** and a successful **Offeror** which is executed based on an award made pursuant this Invitation.

**Contract Pricing Worksheet.** The standard **H-GAC** form to be used by **Contractor** in preparing a quotation to an End User, upon which End User's purchase order will be based. **Contractor** may use another quotation form provided it contains required information, and only if approved by **H-GAC**.

**Contractor.** The contracted business entity responsible for fulfilling a contract executed pursuant to this Invitation.

**Dealer/Distributor.** A duly authorized and/or franchised business entity which sells and services a manufacturer's product in a specified marketing area.

**Defect.** A discontinuity in a part or a failure to function that interferes with the service or reliability for which the part was intended.

**Electronic Media.** As used herein, means computer based media such as 100mb Zip Disk, CDRom, e-mail, e-mail attachment, file downloaded from the web, etc.

**End User.** (See "**Participant**" and "**Member**")

**Listed.** Equipment or materials included in a list published by an organization, acceptable to the "Authority Having Jurisdiction" and concerned with product evaluation, that conducts periodic inspection of production of listed equipment or materials and whose listing states either that the equipment or materials meet appropriate standards or has been tested and found suitable for use in a specified manner. NOTE: The means for identifying listed equipment may vary for each organization concerned with product evaluation, some of which do not recognize equipment as listed unless it is also labeled. The "authority having jurisdiction" should utilize the system employed by the listing organization to identify a listed product.

**Manufacturer.** The person or persons, company firm, corporation, partnership, or other organization responsible for taking raw materials or components and making a finished product.

**May.** A term indicating a permissive use or an acceptable alternative to a specified requirement.

**Member.** An authorized Participant in the Program. (See "**Participant**" and "**End User**")

**Motor Vehicle.** The meaning of this term shall be based on the legal definition ascribed to it by the laws and/or regulations of the state in which any specific sale made pursuant to a Contract takes place.

**Must.** A term indicating a mandatory requirement.

**Offer or Offering.** Any product or service offered in reply to this Invitation.

**Offeror.** Any entity that submits a competitive bid or proposal in response to this Invitation. Bidder or Proposer.

**Participant.** Generally, any qualifying governmental or non-profit entity which has executed an Interlocal Contract for cooperative purchasing services with **H-GAC**.

**Product Liability Insurance.** Failure of Components and/or assembled equipment resulting in personal injury, disability or death and/or property damage is covered under the product liability insurance provisions.

**Product or Product Item.** Any of the specific goods, materials, equipment or service(s) specified in this Invitation. This term encompasses the base line item itself, and any and all accessories, options, modifications, ancillary services, assembly, testing, etc. that may be included in the delivered Product.

**Proposer.** Any entity that submits a competitive proposal in response to this Invitation. (See also "**Offeror**")

**Purchaser.** The **End User** having responsibility for the specification, requisition, ordering and acceptance of the Product or Service. (See also "**End User**")

**Purchasing Authority.** The agency that has sole responsibility and authority for negotiating, placing and, if necessary, modifying any solicitation, purchase order, or other award issued by a governing body [**H-GAC**].

**Quotation.** See "Contract Pricing Worksheet".

**Receipt.** Receipt takes place when a Product or Service is delivered to an **End User** and a document is executed that establishes that the Product is now in the possession of the **End User** or that the Service has been completed. Receipt DOES NOT connote or imply Acceptance.

**Response.** All or part of any offering submitted in response to this Invitation.

**Shall.** A term indicating a mandatory requirement or action.

**Should.** A term indicating a recommended or advised response to a specified requirement.

**Vendor.** A manufacturer's representative or dealer authorized to make sales and supply parts and service.

#### **Acronyms:**

**ANSI** = **A**merican **N**ational **S**tandards **I**nstitute

**ASTM** = **A**merican **S**ociety for **T**esting and **M**aterials

**ASME** = **A**merican **S**ociety of **M**echanical **E**ngineers

**CFR** = U.S. **C**ode of **F**ederal **R**egulations

**DOJ** = U.S. **D**epartment **O**f **J**ustice

**DOT** = U.S. **D**epartment **O**f **T**ransportation

**EPA** = U.S. **E**nvironmental **P**rotection **A**gency

**FAA** = **F**ederal **A**viation **A**dministration

**FMVSS** = U.S. **F**ederal **M**otor **V**ehicle **S**afety **S**tandards

**H-GAC** = **H**ouston-**G**alveston **A**rea **C**ouncil of Governments

**IEEE** = Institute of Electrical and Electronics Engineers  
**MVD** = Motor Vehicle Division of Texas Department of Transportation  
**NFPA** = National Fire Protection Association  
**NHTSA** = National Highway Traffic Safety Administration  
**NIOSH** = National Institute For Occupational Safety And Health  
**NIST** = National Institute of Standards and Technology  
**NTEA** = National Truck Equipment Association  
**OSHA** = U.S. Occupational Safety and Health Administration  
**RRC** = Railroad Commission of Texas  
**SAE** = Society of Automotive Engineers  
**TBPC** = Texas Building and Procurement Commission (formerly GSC)  
**TxDOT** = Texas Department Of Transportation  
**UL** = Underwriter's Laboratories Inc.  
**VTCS** = Vernon's Texas Civil Statutes

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### 3. NON-BINDING ORAL COMMENTS

No oral comment, utterance or response made by any employee, member, or agent of **H-GAC** or any Member of the Cooperative Purchasing Program shall be considered factual or binding with regard to this Invitation, or any contract awarded as a result of this Invitation. Valid and binding terms, conditions, provisions, changes or clarifications, or requests thereof, shall ONLY be communicated written form.

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### 4. STRUCTURE OF RESPONSE

Depending on the Product or Service, market structures and sales practices can differ substantially. For example, dealers may sell into any market or may be restricted to certain territories, manufacturers may sell direct or may be limited by law to selling thru independent dealerships, etc. **H-GAC**'s objective is to ensure that **End Users**, no matter where located, can buy contracted products/services and receive quality and timely service and support, while at the same time allowing for the most appropriate and effective response to this Invitation. Therefore, responses to this Invitation will be accepted in conformance with the following scenarios and requirements:

#### **A. Single Respondent Acting Alone Or As "Lead" For A Group:**

**Offeror** shall complete and sign a **Form A** and, if contracted, shall be solely responsible for all contractual requirements including administration, processing of purchase orders and handling of payments for transactions which may involve other dealers who actually deliver the products or services.

#### **B. Multiple Respondents Acting Jointly:**

A single Response shall be submitted, and each party to the Response shall complete and sign a separate **Form A** to be included in the single Response. If the Response is successful each party shall sign a separate contract with **H-GAC** and shall be responsible for compliance with all terms and conditions. Only those which have executed a written contract with **H-GAC** may process purchase orders and payments.

**In any event, Offeror may be a party to one, and only one, response.**

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### 5. BASIC REQUIREMENTS & CONDITIONS

- a. The final requirements and specifications contained herein may be different, perhaps materially, from those in the "Invitation To Attend Pre-Bid / Pre-Proposal Conference", if any. It is **Offeror**'s sole responsibility to thoroughly examine and review all documentation associated with this Invitation, including any Addendums, and to insure that any response submitted complies in every respect with all requirements.
- b. Any Addendum to this Invitation which may be required prior to the Response due date will be delivered to those prospective Offerors of record who have previously obtained a copy of this Invitation from **H-GAC**. Prospective Offerors shall be responsible for obtaining all documents relating to submission of a Response.
- c. **Offeror** shall thoroughly examine any drawings, specifications, schedules, instructions and any other documents, supplied as a part of this Invitation, and is solely responsible for understanding and compliance.
- d. **H-GAC** shall not be liable for **Offeror's** incomplete documentation, or for any costs associated with preparation and submission of any Response hereto. Additionally, all components of any Response become the property of **H-GAC**, and shall be considered to be in the public domain.



- e. **Offeror** shall make all investigations necessary to become thoroughly informed regarding any plan and/or infrastructure that may be required to support delivery of any Product or Service covered by this Invitation. No plea of ignorance by **Offeror** stemming from failure to investigate conditions that may now or hereafter exist, shall be accepted as a basis for varying **H-GAC's** requirements, or **Offeror's/Contractor's** obligations or entitlements.
- f. Requests for changes to the requirements or specifications herein must be in writing (e-mail, fax, letter) and must be received by **H-GAC** no later than fifteen (15) calendar days prior to the Response Due Date. **H-GAC** will review such requests, but may or may not make changes at its sole discretion. Changes, if any, will only be made by written Addendum sent to addressees of record. In any event, it is **Offeror's** sole responsibility to insure that any and all Addendums which may have been issued have been received and addressed.
- g. By submission of a response, **Offeror** expressly understands and agrees that all terms and conditions herein will be part of any subsequent contract that is executed pursuant to this Invitation.
- h. **Offeror** is advised that all **H-GAC** contracts are subject to the legal requirements established in any applicable Local, State or Federal statute.
- i. **Offeror/Contractor** must be in compliance with all licensing, permitting, registration and other applicable legal or regulatory requirements imposed by any governmental authority having jurisdiction. It is **Offeror/Contractor's** responsibility to insure that this requirement is met, and to supply to **H-GAC** upon request, copies of any license, permit or other documentation bearing on such compliance.
- j. Unless otherwise established elsewhere in this Invitation, NO minimum purchase quantities or spending levels are provided or guaranteed by **H-GAC** or any **End User**.
- k. This Invitation is not meant to restrict competition, but rather is intended to allow for a wide range of responses.
- l. Responses which are 'qualified' with conditional clauses or alterations of or exceptions to any of the terms and conditions in this Invitation may be deemed non-compliant at **H-GAC's** sole discretion.
- m. The term '**Offeror**', or derivative thereof, shall become synonymous with '**Contractor**' for any successful **Offeror** recommended for a contract pursuant to this Invitation.
- n. **H-GAC** reserves the right to:
  - Reject any and all offers received in response to this Invitation.
  - Reject any part of an offer received in response to this Invitation.
  - Determine the correct price and/or terminology in the event of any discrepancies in any response.
  - Accept a response from, and enter into agreement with, other than the lowest price **Offeror**.
  - Accept responses and award contracts to as many or as few **Offerors** as **H-GAC** may select.
  - Amend, waive, modify, or withdraw (in part or in whole) this Invitation, or any requirements herein.
  - Hold discussions with **Offerors**, although award may be made without discussion.
  - Request an **Offeror** to give a presentation of the Response at a time and place scheduled by **H-GAC**.
  - Exercise any of these rights at any time without liability to any **Offeror**.
- o. **H-GAC** reserves the right to determine that conditions exist which prevent the public opening of responses on the date and at the time advertised, and to reschedule the public opening for a future date and time. Responses received by **H-GAC** by the original deadline will be secured unopened until the rescheduled opening date and time, and those having timely submitted such responses will be notified.

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## 6. OFFEROR'S AUTHORIZED SIGNATORY

The signatory shall be authorized to sign and contractually bind **Offeror**, and shall sign any and all Response documentation requiring a signature.

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## 7. SURETY FOR INSURANCE

**Contractor** shall be responsible for using a surety company properly licensed by any and all states in which Contractor will do business with Participants. The surety company shall not expose itself to any loss on any one risk in an amount exceeding ten percent (10%) of its surplus to policy holders, provided any risk or portion of any risk shall have been reinsured, and such reinsurance shall be deducted in determining the limitation of risk applicable to **H-GAC's** insurance requirements.

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## 8. CONFIDENTIAL / PROPRIETARY MATERIALS

All documentation submitted as part of **Offeror's** response to this Invitation will be considered to be in the public domain and may be made available to Members and others, after contract award, upon properly submitted request. If **Offeror** submits documents marked "confidential" or "proprietary", the Response may be deemed non-compliant.

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## 9. REFERENCES

- a. **Offeror** shall list the names of at least five government agencies within the continental United States which have purchased from **Offeror** products or services similar to those covered by this Invitation, within the last two years. **H-GAC** reserves the right to determine if such products or services are appropriately similar.
- b. **Offeror** may provide reference information in whatever format desired, but each should include the following specific information:
  - Agency name
  - Contact person name
  - Address
  - Phone & Fax numbers
  - Description of product(s) or service(s) and date sold
- c. Other information, including criticism however learned, may be used by **H-GAC** in evaluation of responses.

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## 10. INSURANCE

- a. Unless otherwise stipulated in Section B, **Offeror/Contractor** must have the following insurance and coverage minimums:

**General liability** insurance with a Single Occurrence limit of at least \$1,000,000.00, and a General Aggregate limit of at least two times the Single Occurrence limit.

**Product liability** insurance with a Single Occurrence limit of at least \$1,000,000.00, and a General Aggregate limit of at least two times the Single Occurrence limit for all Products except Automotive Fire Apparatus. For Automotive Fire Apparatus, see Section B – Product Specific of this Invitation.

**Property Damage or Destruction** insurance is required for coverage of **End User** owned equipment while in **Contractor's** possession, custody or control. The minimum Single Occurrence limit is \$500,000.00 and the General Aggregate limit must be at least two times the Single Occurrence limit. This insurance may be carried in several ways, e.g. under an Inland Marine policy, as part of Automobile coverage, or under a Garage Keepers policy. In any event, this coverage must be specifically and clearly listed on insurance certificate(s) submitted to **H-GAC**.
- b. Insurance coverage shall be in effect for the length of any contract made pursuant to this Invitation, and for any extensions thereof, plus the number of days/months required to *deliver* any outstanding order after the close of the contract period.
- c. Original Insurance Certificates must be furnished to **H-GAC** on request, showing **Offeror/Contractor** as the insured and showing coverage and limits for the insurances listed above.
- d. If any Product(s) or Service(s) will be provided by parties other than **Offeror/Contractor**, all such parties are required to carry the minimum insurance coverages specified herein, and if requested by **H-GAC**, a separate insurance certificate must be submitted for each such party.
- e. **H-GAC** reserves the right to contact insurance underwriters to confirm policy and certificate issuance and document accuracy.

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## 11. OFFEROR CERTIFICATIONS

**Offeror, by submission of a Response hereto, makes the following certifications under penalty of perjury and possible contract termination if any of these certifications are found to be false.**

### Non-Collusive Response

- a. The prices in the Response have been arrived at independently without collusion, consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such prices with any other **Offeror** or potential competitor.

- b. The prices which have been quoted in the Response (unless otherwise required by law), have not been knowingly disclosed by **Offeror** and will not be knowingly disclosed by **Offeror** prior to the public response opening, either directly or indirectly, to any other **Offeror** or competitor.
- c. No attempt has been made or will be made by **Offeror** to induce any other person, partnership or corporation to submit or not to submit a response for the purpose of restricting competition.

#### **Non-Biased Specifications**

This Invitation contains no requirements considered to be unduly biased in favor of **Offeror** or any other **Offerors** that may be competing for this procurement.

#### **No Financial Interest or Other Conflict**

- a. No **H-GAC** officer, employee, Board of Directors member or member of any **H-GAC** board or commission, nor family member of any such person, has a financial interest, direct or indirect, in **Offeror** or in any contract **Offeror** might enter into with **H-GAC**.
- b. No economic or employment opportunity, gift, loan, gratuity, special discount, trip, favor or service has been, or will be, offered or given to any officer, employee, Board of Directors member, or member of any **H-GAC** board or commission, nor to any family member of any such person.

#### **Debarment and Suspension Status**

- a. **Offeror** is not currently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any government agency, nor is **Offeror** an agent of any person or entity that is currently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transaction by any government agency.
- b. **Offeror** has not within a three year period preceding this Invitation been convicted of or had a civil suit judgement rendered against **Offeror** for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or performing a public transaction or contract under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statement, or receiving stolen property.
- c. **Offeror** is not presently indicted for or otherwise criminally or civilly charged by a government entity (federal, state, or local) with commission of any of the offenses enumerated above.
- d. Offeror has not, within a three year period preceding this Invitation, had any government (federal, state, or local) transactions terminated for cause or default.

#### **Insurance Coverages**

**Offeror** has and will maintain insurance coverage in accordance with the requirements of this Invitation.

#### **Licensing & Permits**

**Offeror(s)** has (have) all licenses and/or permits, required by any and all governmental entities having jurisdiction, to legally sell the products/services offered.

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### **12. HISTORICALLY UNDERUTILIZED BUSINESS (HUB) PARTICIPATION**

- a. To satisfy Texas' statutory requirements [Government Code, Chapter 2161, Subchapter D], **H-GAC** requires all **Offerors** to supply information in any bid/proposal response listing (1) the total number of subcontracts and (2) the total number of HUB contracts applicable to the Products or Services offered in the response. Local governments often require this information for their own reporting requirements prior to placing orders through the **H-GAC** Cooperative Purchasing Program.
- b. **Offeror** must complete **Form B** and include subcontracts with HUB's that provide any materials or services related to sales that may be made thru **H-GAC's** Cooperative Purchasing Program.

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### **13. NON-RESIDENT RECIPROCAL SALES ACT**

As required by Texas Civil Statutes in the award of contracts, an offeror which is not a Texas resident business must determine if its state of residence prohibits award of government contracts to Texas resident offerors without penalty. If **Offeror's** resident state DOES penalize Texas offerors, **Offeror** must provide this information along with a copy of its applicable resident state's statute in the Response.

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#### 14. TEXAS MOTOR VEHICLE COMMISSION CODE & LICENSING

Sales of motor vehicles in the State of Texas are subject to the Texas Motor Vehicle Commission Code. If this Invitation includes any motor vehicle to be sold in the State of Texas, **Offeror** certifies by submission of a response hereto that all required Texas Motor Vehicle Commission licenses are in place and current, and that copies of all such licenses **have been submitted with the Response**. Further, it shall be **Contractor's** responsibility to keep current all required Texas Motor Vehicle Commission licensing during the term of the contract, and to furnish license copies at any time on request by **H-GAC**. If **Contractor** does not maintain current licensing, **H-GAC** reserves the right to immediately terminate the contract.

<p><b>NOTE:</b> In accordance with the Texas Motor Vehicle Commission Code, contracts for motor vehicles to be sold within the state of Texas may be made <b>ONLY</b> with properly licensed Texas Motor Vehicle Dealers. Therefore, to be considered for a contract covering Texas End Users, the Response must include a <b>Form A</b> from a licensed Texas Motor Vehicle Dealer</p>
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#### 15. INTENT AND SCOPE OF SPECIFICATIONS

- a. The intent of the specifications herein is to provide **Offeror** with sufficient information concerning the Products/Services to be contracted such that **Offeror** can prepare and submit an acceptable Response.
- b. The specifications may be detailed or general in nature with regard to any particular Product/Service. Where not otherwise specified, details of construction, materials, or the way in which services will be provided, are left to the discretion of the **Offeror**, provided only that any offering shall conform, as a minimum, to best Industry standards and practices and to what is currently being sold in the marketplace.
- c. Responses shall be considered only from **Offerors** that have established good reputations in their markets, and who furnish satisfactory evidence of ability to supply the Products/Services specified herein.
- d. **Offeror** shall show proof of ability to provide to **End Users** prompt and competent service, including parts if applicable, for all Products/Services covered by this Invitation, by proper completion of a Service Organization Document as described elsewhere herein.

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#### 16. REQUIREMENTS APPLICABLE TO PHYSICAL GOODS

In the case of physical goods (e.g. equipment, material, supplies, as opposed to services), all Products offered must, unless otherwise stipulated in Section B:

- a. Be new, unused, and not refurbished.
- b. Not be a prototype insofar as the general design, operation and performance. This requirement is NOT meant to preclude **Offeror** from offering new models or configurations which incorporate improvements in a current design or add functionality, but which in such new model or configuration may be new to the marketplace.
- c. Include any and all accessories which may or may not be specifically mentioned herein, but which are normally furnished or which are necessary to make a delivered Product ready for its intended use. Such accessories shall be assembled, installed and adjusted such that the Product is ready for continuous operation at time of delivery.
- d. Have assemblies, sub-assemblies and component parts that are standard and interchangeable throughout the entire quantity of a particular Product as may be purchased simultaneously by any individual **End User**.
  - a. Be designed and constructed using current industry accepted engineering and safety practices, and materials.
  - b. Be available for inspection at any time prior to or after procurement.

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#### 17. PRODUCT CODES

Unless otherwise addressed in Section B of this Invitation, the following requirements shall apply:

- a. Each Product/Service offered shall be uniquely identified using an **H-GAC** Product Code, which shall be determined as described in Section B of this Invitation. **Offeror** shall offer **ONLY ONE** Product for any particular Product Code. For example, **Offeror** may wish to submit a bid for Product Code ABC and may have another offering that also meets the requirements for ABC. **Offeror** **MAY NOT** submit two offerings for ABC. The alternate offering that also meets the requirements for ABC must be offered as an option "upgrade/downgrade" to ABC on **Form E**.
- b. Pricing for optional upgrades or downgrades to base bid items should be quoted as an "adder" or "deduct" amount as appropriate, to be applied to the offered price of the base Product Item listed on **Form D**.
- c. Base bid items and their associated HGACBuy Product Codes are included in the Section B and/or on **Form D**.

- d. Selection of Product Codes for which to submit an offer is at **Offeror's** sole discretion.

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## 18. SPECIFIC DESCRIPTIVE REFERENCES

Except for Base Product Items listed on **Form D**, any reference to a specific catalog, data sheet, form, brochure, model name or number, etc. used herein to describe an item such as an option or accessory is only descriptive and is not to be considered restrictive unless otherwise noted. Such references are normally used only to indicate a type, general description, level of quality and/or required performance standards.

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## 19. MANUALS

Unless otherwise specified or superceded herein, each Product delivered under an **H-GAC** contract, and if applicable any options thereto, shall be supplied with at least one (1) copy of a safety and operating manual. The cost of any such manuals must be included in the base price for any Product Item offered hereunder. If more detailed and technically orientated parts and maintenance manuals are available for a Product or option, at a cost, they shall be offered as options on the *FORM* designated herein for such options, or elsewhere in the Response as may be directed herein.

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## 20. STANDARD FEATURES & OPTIONS

The following requirements are applicable primarily to physical goods.

### Standard Features

- a. The stated minimum requirements for all Products listed herein include what **H-GAC** considers to be "standard" features. Even though such features might normally be offered as options rather than as standard, they are nonetheless considered to be standard in this Invitation, and must be included in the base price for any Product offered. Such features **SHOULD NOT** be offered as options except as deducts for their omission from the base Product.
- b. If it is unclear in the Response that an **H-GAC** standard feature is included in the base price, it will be assumed that such is the case. If awarded a contract **Offeror** will be expected to sell the Product with all **H-GAC** specified standard features included in the base price.
- c. Any feature or accessory normally offered by manufacturer as "standard" shall be considered a standard feature and shall be included in the base price of any offering, even though not specifically listed as a requirement in **H-GAC's** specifications. Such features **SHOULD NOT** be offered as options except as deducts for their omission from the base Product.

### Options - General

- a. Options are considered to be any features or accessories, other than **H-GAC's** and Manufacturer's "standard" features or accessories.
- b. Options should be offered on the *FORMS* designated for quoting options. Each option should be listed and described on a separate line, and should include any Manufacturer's/Dealer's code number. If no Manufacturer's/Dealer's code number exists, **Offeror** should create one.
- c. Prices for all offered options shall be assumed to include any installation or mounting required to make it a fully functional component of the Product, unless otherwise stated in **Offeror's** response.

### Required Options

- a. Product specifications in this Invitation may include **H-GAC** "Required Options". If so, **Offeror** must quote a price for ALL such options, and, if there is an **H-GAC** Option Code provided in this Invitation for such options, it MUST be used as part of the description.
- b. For any specific "Required Option", **Offeror** may quote an equivalent so long as its design and performance are as good as, or better than, the specified option item. Responses which do not include pricing for Required Options may be considered non-compliant.

### Other Options

- a. "Suggested" or "Other" options may be listed for any particular Product in this Invitation, and **Offeror** is encouraged to quote pricing for such options. The extent of offered options in any response may be taken into consideration as part of the award criteria, at **H-GAC's** sole discretion.

- b. **Offeror** is encouraged to include options for non-equipment items that may be applicable to a sale, such as: Extended Warranties, Maintenance Agreements, Buy-back or Trade-In Agreements, Out-of-state Delivery Charges, Quantity or Special Discounts, Extended Training Classes, etc.

### **Published & Unpublished Options**

- a. H-GAC Cooperative Purchasing Program (Program) contracts are awarded through a public competitive bid or proposal (RFP) process. Further to that process, Program policy considers an 'option' listed and priced in a bid or RFP Response: (1) To be a "**Published Option**"; (2) To be part of any awarded contract; and (3) To be available for purchase by Program members separately and independently from associated base line items. However, since Published Options may have not been subjected to the same scrutiny as the associated base line items, it cannot be concluded they were directly competed. Therefore, pursuant to Local Government Code 252.021(a), purchase of a published option costing more than \$50,000 shall not be allowed. Furthermore, **H-GAC** reserves the right at its sole discretion to disallow purchase of any Published Option through the Program if deemed contrary to the intent of the law.
- b. Any option that has not been listed and priced in the Response is considered to be an "**Unpublished Option**". Unpublished Options may be sold, but only in connection with the sale of a base Product Item, and only insofar as the total cost of all Unpublished Options remains below twenty five percent (25%) of the total summed cost of the base Product(s) plus any Published Options.
- c. No Published or Unpublished Option may be sold which essentially converts a Product such that it competes with a Product Item awarded to another contractor.

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## **21. WARRANTIES, SALES & SERVICE**

Unless otherwise addressed in Section B, the following requirements shall apply:

- a. Offeror must be a properly franchised dealer authorized to sell and service, including warranty service, all products offered and sold in response to the bid invitation or under any **H-GAC** contract.
- b. **Offeror** shall provide detailed Parts and Labor Warranty information with the Response. If **Offeror** submits a warranty with the Response which does not meet the minimum requirements herein, **Offeror** agrees by submission of a Response that such warranty shall be considered to be amended to meet those minimums.
- c. Warranties shall be manufacturer's standard and shall be inclusive of any other warranty requirements which may be stipulated elsewhere herein.
- d. Any warranties offered by a dealer shall be in addition to the manufacturer's standard warranty, and shall not be a substitute for such. **Offeror's** base price for any Product shall be inclusive of the standard warranty.
- e. Complete warranty information will be supplied to **End User** with each Product sold.
- a. Warranties need not apply to normal maintenance service or adjustments, or to any product reasonably shown to have been repaired or altered in any way so as to affect its stability, or to any product which has been subject to misuse, negligence, or accident.
- f. **Offeror/Contractor** is encouraged to offer extended warranties as an option.
- g. Neither **H-GAC** nor **End User** assume any warranty or liability on **Contractor's** behalf unless made or assumed in writing, initiated by **Contractor**, and agreed to in writing by **H-GAC** or the **End User** respectively.
- h. **Contractor** shall be responsible for the execution and effectiveness of all product warranty, and shall be the sole source for solution to problems arising from warranty claims. **Contractor** agrees to respond directly to correct warranty claims and to ensure reconciliation of warranty claims that have been assigned to a third party.

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## **22. H-GAC ORDER PROCESSING CHARGE**

**H-GAC** will levy an Order Processing Charge on **Contractor** for each sale done thru the **H-GAC** contract, with the exception of orders for motor vehicles. Any bid pricing submitted will be considered to include the Charge. The amount of the applicable charge shall be per the most current **H-GAC** schedule. For motor vehicle orders, the Processing Charge shall be levied on and paid by the **End User**.

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## **23. PRE-PAYMENTS AND DISCOUNTS**

- a. Progress, pre-payment and special discounts of any kind may be offered and detailed in the Response. Such discounts shall be clearly explained, but shall not be a determining factor in awarding contracts except in the case of tie offerings.
- b. Quantity discounts applicable to similar Products sold to one or more **End User** Departments may be offered. Determination as to product similarity shall rest solely with **Contractor**.
- c. For specific purchases, any proposed quantity, pre-payment or special discounts shall be clearly shown on the Contract Pricing Worksheet.

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## 24. INSPECTION / TESTING

All Products sold pursuant to this Invitation shall be subject to inspection/testing by or at the direction of **H-GAC** and/or the ordering **End User**, either at the delivery destination or the place of manufacture. In the event a Product fails to meet or exceed all requirements of this Invitation, and unless otherwise agreed in advance, the cost of any inspection and/or testing, shall be borne by the **Contractor**.

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## 25. PRODUCT DELIVERY

Unless otherwise addressed in Section B, the following requirements shall apply:

- a. Title to goods, and responsibility and liability for loss and/or damage in shipping pass to **End User** at the delivery destination after receipt and acceptance have taken place. Cost of shipping/delivery shall be paid by **End User** unless otherwise agreed to by **Contractor**. If **Contractor** will be paying for shipping/delivery, shipping terms must be "F.O.B. Destination, Freight Prepaid". If **End User** will be paying for shipping/delivery, shipping terms must be "F.O.B. Destination – Freight Collect".
- b. The details for the application and calculation of shipping and delivery charges must be stated in the Response on **Form E**. Any freight, shipping or delivery charged to **End User** will be prepaid and added to the invoice, and will be clearly shown on any Contract Pricing Worksheet or other quote presented to the **End User**.
- c. The estimated delivery time after receipt of order (ARO), inclusive of Saturdays, Sundays and holidays, for all Products offered must be stated in the Response. Actual delivery for any particular order must be confirmed with **End User** at time of order placement, and must be stated clearly on the Contract Pricing Worksheet.
- d. **Contractor** shall be responsible for delivery and Acceptance according to the requirements of the Contract and the Purchase Order.
- e. Contractor shall advise **End User** prior to making any shipment/delivery, and shall make such shipment/delivery in accordance with **End User's** requirements, providing only that such arrangements do not contravene any requirement of the **H-GAC** contract unless agreed to by **Contractor**.
- f. The execution of all required tests, certifications and/or licensing, and costs thereof, shall be the responsibility of **Contractor**. Upon request by **End User** or **H-GAC**, **Contractor** shall provide any documentation or certification related to such tests, certifications or licensing.

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## 26. OFFERED PRODUCT ITEM VARIANCES

Any variance in the specifications or performance of Products offered pursuant to this Invitation shall be acceptable to **H-GAC** only insofar as it MEETS or EXCEEDS the specifications and requirements of this Invitation.

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## 27. REQUIREMENTS FOR SUBMISSION OF A RESPONSE

Unless otherwise addressed in Section B, the following requirements shall apply:

- a. Responses shall be submitted in two complete printed sets including an Original and one (1) Copy in separate "hard side" three-ring binders. The outer spine of each binder shall be labeled showing this Invitation No., **Offeror** Name, and either "Original" or "Copy", as applicable. The Original printed response will be considered to be the binding Response in case of any conflicts between printed copies and electronic copies. Except for required forms, **H-GAC** Invitation documents should not be included in the Response.
- b. The Original and the Copy shall be submitted complete, except that the Electronic Media should be submitted only with the Copy.
- c. All required **H-GAC FORMS** and documents shall be properly completed, without exception or **Offeror's** Response may be deemed non-compliant. **Offeror** may not modify the format of any **H-GAC FORM** in any way. **Offeror** may photocopy or print blank **FORMS** as needed. Information submitted on the printed copies of the **FORMS** may not be handwritten except for signatures and initials. It is **Offeror's** responsibility to insure that printed **FORMS** are clear and legible. Handwritten and illegible entries may be rejected. **Offeror's** printed, stamped or typed name shall appear on every **FORM** submitted in the Response.
- d. The entire response submission shall also be submitted on electronic media, including all required **H-GAC FORMS**. **Offeror** is strongly advised to make and work with copies of the original electronic **FORMS**. The originals can then be used to make additional electronic or printed copies of the blank **FORMS**. Signatures are not required on the electronic **FORMS**.
- e. The Response shall include ample written evidence, in the form of technical specifications, cut/tear sheets, brochures, pictures, drawings, etc., to demonstrate that all specifications herein have been met and/or exceeded.

- f. The Response shall include, in any format desired, an overview of the **Service Organization** which will support Products sold under any **H-GAC** contract. The overview must include facility locations, phone numbers and Service Manager names, as well as the following:
- The procedure to be used by an **End User** requiring repairs.
  - Typical turn-around time on repairs.
  - Service Department days and hours of operation.
  - Number of qualified / factory trained service personnel normally on hand.
  - Description of the parts inventory on hand.
  - Training services, facilities and personnel available.
- g. Responses shall be enclosed in a sealed package(s) addressed to the Houston-Galveston Area Council, Cooperative Purchasing. The following information shall be stated on the exterior of the package(s):
- Name and address of **Offeror**.
  - Date and hour of public response opening.
  - Bid/Proposal Invitation number.
  - The statement: "**SEALED BID/PROPOSAL, DO NOT OPEN IN MAIL ROOM**".
- H-GAC** shall not be responsible for any Response not properly labeled.
- h. Submission of a COMPLETE Response by telegraphic or electronic transmission is not acceptable. However, Responses may be modified by telegraphic or electronic notice if such notice is received prior to the deadline for submission.
- i. Samples, when required, shall be submitted within the time specified and at no expense to **H-GAC**. If not destroyed or consumed during testing, samples will be returned upon request at **Offeror's** expense.
- j. **Offeror** shall provide firm contract pricing for all Products and Options being offered.
- k. If applicable, responses shall include copies of all current licensing which may be required by the Texas Motor Vehicle Division for execution of sales pursuant to any contract with **H-GAC**.
- l. Due to the complexity of responses and to aid in evaluation, the Response should contain **ALL** required information in tabbed sections as detailed below. Omission of any required FORM or information will be sufficient grounds for **H-GAC** to consider your response to be non-compliant.

m. **First Section:**

- **Form(s) A – Offeror Identification & Signatory:** Identifies the offering party(ies), and should be completed by each party to the Response. If awarded, a contract will be executed with each.
- **Form B – Historically Underutilized Business Enterprises:** Used to collect information about disadvantaged and minority suppliers and subcontractors, and to commit **Offeror** to working with Participants toward their program goals.
- **Form C – Response Checklist:** Certification, and also an aid, to insure that all required information has been included in your Response.
- References, formatted as described elsewhere herein.
- Service Organization Document, formatted as described elsewhere herein.

**Second Section:**

- **Form D – Offered Items Pricing:** For Bids, contains the list of the Product Items covered by this Invitation. Select the items offered and fill in the price for each. (For RFPs, follow the instructions in Section B as this **Form** may or may not be used.)
- **Form E – Published Options:** Used to list and price all offered options. List, each on a separate line, all upgrades, downgrades, optional equipment, features, accessories and services which you desire to sell thru the **H-GAC** contract, if awarded. Published catalogs/price sheets may be listed, along with the discount structure that will apply. (For RFPs, follow the instructions in Section B as this **Form** may or may not be used.)
- **Form W-9 – Request for Taxpayer Identification Number and Certification:** Should be completed by each party to the response.

**Third Section:**

- Technical Specifications, Product Brochures, Tear Sheets, Cut Sheets, Strippers, etc. which clearly list and show all the standard features and capabilities of each Product Item offered on **Form D**.



- Warranty Documentation, as described elsewhere herein, for all items offered.

**Fourth Section:**

- Copies of any applicable Texas MVD Licenses.
  - Electronic Media, containing the complete response including all required *FORMS*, stored in a pouch or an envelope such that it will not fall out of the binder. (Required in 'Copy' only, not in 'Original'.)
  - **Form CIQ – Conflict Of Interest Questionnaire:** Chapter 176 of the Texas Local Government Code requires vendors and consultants contracting or seeking to contract with **H-GAC** to file a Conflict of Interest Questionnaire (CIQ) if they have an employment or other business relationship with an **H-GAC** officer or an officer's close family member. The required questionnaire is located at the Texas Ethics Commission website: [http://www.ethics.state.tx.us/whatsnew/conflict\\_forms.htm](http://www.ethics.state.tx.us/whatsnew/conflict_forms.htm). It is Bidder's responsibility to download the form and furnish a completed copy with the Response, if it is applicable.
- n. By submittal of Response, **Offeror** certifies to the best of its knowledge that all information is true and correct.

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**28. CLARIFICATION TO SPECIFICATIONS & REQUIREMENTS**

- a. If **Offeror** is in doubt as to the meaning of any item in this Invitation, a written request for clarification may be submitted to **H-GAC** up to fifteen (15) calendar days prior to the deadline for response submission. **H-GAC** shall not be responsible for late delivery. Requests may be transmitted by FAX or e-mail to the assigned Specification Specialist, and should clearly reference this Invitation number and the specific page and paragraph in question. If there are multiple questions, they should be stated separately and numbered.
- b. Any interpretation of Invitation documents, if made, will be by written Addendum duly issued. A copy of such Addendum will be mailed or delivered to each person officially on record as having been sent a copy of this Invitation. **H-GAC** will not be responsible for any other explanation or interpretation of the Invitation documents made or given prior to the award of the contract.
- c. Any objections to the Invitation documents must be filed in writing with **H-GAC** on or before fifteen (15) calendar days prior to the deadline for submission of responses.
- d. Prospective offerors are advised that, after a draft specification has been issued, the Pre-Bid/Proposal Conference is the primary forum through which comments and suggestions may be offered for consideration by **H-GAC** prior to issuance of the final invitation and specifications.
- e. All best efforts have been made to insure that the product/service descriptions and associated specification information in Sections B & C are correct, and adequate time has been given to prospective Offerors to point out mistakes. However, if an error remains and is caught by Offeror before the scheduled bid/proposal opening, Offeror shall make note of the required correction in the Response, and shall also notify **H-GAC** prior to the opening of responses.

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**29. INCONSISTENT INFORMATION**

**H-GAC** review of responses supplied on **H-GAC FORMS** is a significant part of the evaluation process. **Offeror** shall state clearly all information required on the *FORMS*. **Offeror's** information supplied on the *FORMS* shall take precedence in the event any standard "boilerplate" type language included in **Offeror's** response is inconsistent with the information supplied by **Offeror** on the **H-GAC FORMS**. In all cases, information on **H-GAC's** printed *FORMS* supplied as part of **Offeror's** response shall take precedence over information supplied on electronic media.

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**30. REJECTION OF RESPONSES**

- a. **H-GAC** may reject a response if:
- **Offeror** misstates or conceals any material fact in the Response, or if,
  - **Offeror** does not strictly conform to law or the requirements of this Invitation.
- b. **H-GAC** may reject any and all responses, and may reject any part of a response.
- c. **H-GAC, at its sole discretion**, may also waive any formalities or irregularities in any response, or ask for corrected information except for pricing.
- d. **The following occurrences require disqualification of the bid/proposals:**
- Unsigned or unauthorized signatures on bids/proposals;
  - Bids received after the date and time for opening
  - Bids where prices are conditional on award of another bid or are subject to unlimited escalation

- e. **H-GAC** may refuse to award a contract to or enter into a transaction with an apparent low bidder if that bidder is indebted to **H-GAC**.

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### 31. WITHDRAWAL OR MODIFICATION OF RESPONSES

Once received by **H-GAC**, responses may be modified or withdrawn prior to the submission deadline only if the request to do so is in writing submitted by **Offeror's** authorized representative. Responses and requests for modification received after the submission deadline will not be accepted. Requests for response withdrawal received after the submission deadline will be accepted if the request to do so is in writing submitted by **Offeror's** authorized representative.

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### 32. RESPONSE EVALUATION

#### For Bid Responses:

- a. Section B will state whether the contract will be awarded to the lowest responsible bidder or to the bidder who provides goods or services at the best value for **H-GAC** and its participants.
- b. If the contract will be awarded based on best value, Section B will state any relevant criteria which **H-GAC** will consider.
- c. For each offered Product Item, **H-GAC** may use the offered price, prices for Required Options, and the prices of selected common Published Options to determine the lowest responsible offer.
- d. Failure of **Offeror** to submit pricing for frequently purchased options and any **H-GAC** required options may cause response to be considered non-compliant at **H-GAC's** sole discretion.

#### For Proposal Responses:

- e. **H-GAC** will evaluate proposals as detailed in Section B.
- f. By submission of a Response Offeror indicates acceptance of the evaluation technique, and recognizes and accepts that **H-GAC** may at its sole discretion make subjective judgments during the evaluation process.

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### 33. ORDER OF PRECEDENCE PRIOR TO CONTRACT AWARD

In the event of conflict between this document and any references or documents cited herein, this document shall take precedence prior to contract award.

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### 34. AWARD OF CONTRACT

- a. **H-GAC** reserves the right to accept or reject any Product Item or option offered. Additionally, all options included in Offeror's response and accepted by **H-GAC** are understood to be included in any contract.
- b. **H-GAC** shall award contract(s) for line items or groups of line items, at its sole discretion.
- c. With authority granted by the **H-GAC** Board of Directors, a written contract shall be presented to the successful **Offeror(s)** and shall be subject to acceptance by the successful **Offeror(s)** within thirty (45) calendar days after presentation by **H-GAC**. If a contract is not executed within thirty (45) calendar days, **H-GAC** may rescind the contract offer and award a contract to the next **Offeror** in order of rank as determined by **H-GAC**.
- d. Delivery time and prompt payment discounts, including time allowed for payment, may be considered in tie-breaking of offers which are judged by **H-GAC** to be equal in all other criteria.
- e. The contract shall include the following documents in the stated order of precedence:
  - 1st** The contract document signed by **H-GAC** and **Offeror**.
  - 2nd** This Invitation and all specifications referenced herein.
  - 3rd** **Offeror's** response to this Invitation.

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### 35. PRO-FORMA CONTRACT

This Invitation includes a Pro-Forma (sample) Contract which successful offerors will be expected to sign. The actual final contract will be the same or nearly the same as the Pro-Forma. NOTE: Successful Offerors MAY NOT process any purchase orders until the contract documents have been executed and returned to **H-GAC**.

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### 36. CONTRACT TERM

The contract shall be in effect throughout the period stated elsewhere in the contract documents, and thereafter until such time as any outstanding orders against the contract have been fulfilled. The contract may be extended if deemed by **H-GAC** to be in the best interests of the Program, and subject to mutual agreement of the parties.

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### 37. PERFORMANCE & PAYMENT BOND

**H-GAC's** contractual requirements DO NOT include a Performance & Payment Bond (PPB), and offered pricing should reflect this cost saving. However, **Contractor** must be prepared to offer a PPB to cover any specific order if so requested by **End User**. **Contractor** shall quote a price to **End User** for provision of any requested PPB, and agrees to furnish the PPB within ten business (10) days of receipt of **End User's** purchase order.

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### 38. CHANGE ORDERS

**End Users** shall have the right to make additions by addenda for the purpose of clarification or inclusion of additional specifications, qualifications, conditions, etc. Any such addenda shall be made in writing and agreed upon by **Contractor** and the **End User** agency prior to issuance of any Change Order. A copy of any such Change Order shall be furnished by **Contractor** to **H-GAC**.

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### 39. DUPLICATION OF TERMS OR STATEMENTS

Where statements or terms are duplicated or are extremely similar, **H-GAC** and the **End User** reserve the right to use the statement or term most favorable to **H-GAC** and/or the **End User**.

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### 40. PUBLICITY

**H-GAC** encourages contractors to "market" the Program, and can provide some information and artwork to be used in published promotional materials. However, any publicity or published material released by **Contractor** referencing the contract, whether in the form of a press release, brochure, photographic coverage, or verbal announcement, shall be issued only with prior review and approval by **H-GAC**.

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### 41. TAXES

**HGAC** and **End User** participants are either units of government or qualified non-profit agencies, and are generally exempt from Federal and State sales, excise or use taxes. **Offeror** shall not include any such taxes in the Response. Further, it shall be the responsibility of **Contractor** to determine the applicability of any taxes to a particular order and act accordingly. Exemption certificates will be provided upon request.

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### 42. DRUG FREE WORKPLACE

**Contractor** shall provide notice to its employees and sub-contractors, as required under the Drug-Free Workplace Act of 1988. A copy of **Contractor's** Drug-Free Workplace policy shall, on request, be furnished to any **End User**.

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### 43. PRODUCT NOTICES & MAILINGS

**H-GAC** is NOT the owner of Products sold pursuant to this Invitation, but acts only in the capacity of purchasing agent. In that regard, **Contractor** accepts sole responsibility for insuring that notices and mailings, such as Safety Alerts, Safety Recall Notices and Customer Surveys, are sent directly to the **End User** of record.

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### 44. HANDLING OF ORDERS & PAYMENTS

In general, orders and payments will be handled as described below. More specific instructions and information regarding handling of purchase orders and the Order Processing Charge may be provided after contract award. Established procedures may be changed at any time by **H-GAC** as may be dictated by efficient business practice. The particulars of any sale, e.g. specific products, pricing, delivery, warranty, etc., will be in strict accordance with the terms and conditions of this Invitation and the specific contract awarded to **Contractor**. Beyond that:

- a. For any particular procurement to be made under the provisions of an **H-GAC** contract, **End User** and **Contractor** will discuss requirements and agree as to what will be provided.
- b. **Contractor** will prepare a Contract Pricing Worksheet and provide it to **End User**. The Worksheet will list everything being purchased including the base bid item(s), all published and unpublished options and the delivery date. All pricing shall be per the current contract.

- c. **End User** will send a purchase document to **Contractor**, which **Contractor** will send **H-GAC** together with the Contract Pricing Worksheet. **NOTE: Contractor** agrees not to offer, agree to or accept from End User any terms or conditions that conflict with or contravene those in **Contractor's H-GAC** contract, except for pricing discounts.
- d. **H-GAC** will prepare an "Order Confirmation" and send it to **End User** and to **Contractor**. The Order Confirmation verifies that **Contractor** has a valid **H-GAC** contract and that the order is in compliance with the requirements of the **H-GAC** Cooperative Purchasing Program. **Contractor** will not ship any goods before receipt of both **End User's** purchase document and **H-GAC's** Order Confirmation.
- e. On notification that **Contractor** has received an order, **H-GAC** will invoice **Contractor** for the applicable Order Processing Charge. **NOTE: The Order Processing Charge is charged to Contractor, EXCEPT in the case of motor vehicles.** For all sales of motor vehicles the Order Processing Charge is levied on the **End User**, collected by **Contractor**, and remitted to **H-GAC** by Contractor.
- f. **Contractor** will deliver products/services ordered, and will invoice **End User** for products/services accepted by **End User**. (See other Sub-Section herein dealing with Product Delivery.) **Contractor** will not invoice before shipment has been made.
- g. **End User** will pay **Contractor** for those products and/or services ordered which have been received and accepted. Under no circumstances shall any check be made payable to a representative or agent. Should a representative or agent submit an invoice to **End User** for any cost related to a purchase order issued to **Contractor** for products/services covered by an **H-GAC** contract, such invoice shall be forwarded to **Contractor** and **Contractor** will take action to correct the error.
- h. Upon delivery of any product/service by **Contractor** and acceptance by **End User**, **Contractor** shall remit to **H-GAC** the full amount of the applicable Order Processing Charge in accordance with the payment terms established in the **H-GAC** contract. Note, the Order Processing Charge is due whether or not **Contractor** has ever received an invoice from **H-GAC**. Sales executed based on the particulars of **Contractor's H-GAC** contract, without payment of the Order Processing Charge, may constitute fraud.

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#### 45. PRICE CHANGES

- a. Any permanent increase or decrease in offered pricing for a base contract item or published option is considered to be a price change. Temporary increases in pricing by whatever name (e.g. 'surcharge', 'adjustment', 'equalization charge', 'compliance charge', 'recovery charge', etc.), are also considered to be price changes.
- b. Except in the case of contracted published catalogs and price sheets, prices for Base Bid Items and Published Options are expected to be held firm for a minimum of 90 days from the date an awarded Offeror signs the H-GAC contract. Thereafter, changes will be considered if accompanied by justifying documentation satisfactory to H-GAC. For published catalogs and price sheets which are on an H-GAC contract, requests to amend the contract to reflect any new published catalog or price sheet may be submitted whenever the manufacturer publishes the new document. Any such request must include the new catalog or price sheet.
- c. If **Contractor** routinely offers discounted contract pricing, **H-GAC** may request **Contractor** to accept amended contract pricing equivalent to the routinely discounted pricing.
- d. No price change will be allowed unless it has been reviewed and approved by **H-GAC** in writing. **Contractor** must have received **H-GAC's** written approval of any change prior to charging the new price or using it in any quotation prepared for an End User.
- e. Price change requests must be submitted to **H-GAC** in writing and must be received by **H-GAC** at least thirty (30) calendar days prior to the requested effective date of the change, and must state the time period for which the requested pricing will remain firm.
- f. Price change requests shall include **H-GAC Forms D** and **E**, or whatever documentation was used to submit pricing in the original Response hereto, showing all affected items with current contract price, requested price, and percentage change shown clearly for each. This documentation should be submitted in MSEXcel format to facilitate analysis and updating of the website.
- g. Price change requests **MUST** be supported with substantive documentation (e.g. manufacturer's price increase notices, copies of invoices from suppliers, etc.) showing that **Contractor's actual costs** have increased. The Producer Price Index (PPI) may be used as partial justification, subject to approval by **H-GAC**, but no price increase based solely on an increase in the PPI will be allowed.
- h. All Products shall, at time of sale, be equipped as may be required under any then current applicable local, state, and federal government requirements. If, during the course of any contract, changes are made to such government requirements which cause a manufacturer's costs of production to increase, **Contractor** may

increase Product pricing to the extent of **Contractor's** actual cost increase. The increase must be substantiated with support documentation acceptable to **H-GAC** prior to taking effect. Modifications to a Product required to comply with such requirements which become effective after the date of any sale shall be the responsibility of the **End-User**.

- i. In cases involving contract extensions exceeding sixty-one (61) days beyond the stated expiration date of the contract, **Contractor** may request a price change based on the same conditions as stated above. However the thirty (30) day prior notice is waived and **H-GAC** will consider the request immediately on receipt.
- j. **H-GAC** reserves the right to accept or reject any price change request. Acceptance, if granted, will be in writing and the approved changes will become part of the contract.

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#### 46. CONTRACT ITEM CHANGES

- a. If a manufacturer discontinues a contracted item, that item will automatically be considered to be deleted from the contract with no penalty to Contractor. However, **H-GAC** may at its sole discretion elect to make a contract award to the next low offeror for the item, or take any other action deemed by **H-GAC** to be in the best interests of **End Users**, at its sole discretion.
- b. If a manufacturer makes any change in a contracted item which does not affect the contract price, Contractor shall advise **H-GAC** of the details. If the 'new' item is equal to or better than the originally contracted item, the 'new' item shall be approved as a replacement. Otherwise **H-GAC** may allow or reject the change, or take any other action deemed by **H-GAC** to be in the best interests of **End Users**, at its sole discretion. If the change is rejected there will be no penalty to Contractor.
- c. If a manufacturer makes any kind of change in a contracted item which affects the contract price, Contractor shall advise **H-GAC** of the details. **H-GAC** may allow or reject the change at its sole discretion. If the change is rejected there will be no penalty to Contractor. However, **H-GAC** may elect to make a contract award to the next low offeror for the item, or take any other action deemed by **H-GAC** to be in the best interests of **End Users**, at its sole discretion.
- d. In the case of specifically identified catalogs or price sheets which have been contracted as base bid items or as published options, routine published changes to products and pricing shall be automatically incorporated into the contract. However, **Contractor** must still provide thirty (30) calendar days written notice and an explanation of the changes to products and pricing. **H-GAC** will respond with written approval.

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#### 47. FORCE MAJEURE

If either party shall be wholly or partially prevented from the performance of any contractual obligation or duty by reason of or through strikes, stoppage of labor, riot, fire, flood, acts of war, insurrection, accident., order of any court, act of God, or specific cause reasonably beyond the party's control and not attributable to its neglect or nonfeasance, in such event, the time for the performance of such obligation or duty shall be suspended until such disability to perform is removed. Determination of Force Majeure shall rest solely with **H-GAC**.

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#### 48. PERFORMANCE UNDER CONTRACT

**H-GAC** is committed to insuring that **Contractor** provides effective and efficient service to all Participants in the Cooperative Purchasing Program, and expects that certain Performance Conditions must be met. Failure to meet these conditions may result in contract termination. In that regard, **Contractor shall:**

- a. Appoint a dedicated representative to be the contact person and focal point for all matters relating to End User quotations and orders. The representative shall have: A toll free phone number with voice mail; A fax number; A working e-mail address; and A postal address.
- b. Insure that the representative timely monitors all communication modes listed above, and promptly responds to communications from **End Users** and **H-GAC** in any of these modes. Phone calls will be promptly returned, in any event not later than the next business day. Acceptable failure will be due only to Force Majeure.
- c. Maintain sufficient qualified staff to promptly process all communications from **H-GAC** or **End Users**, and to efficiently, effectively and accurately service all requirements of the contract.
- d. As may be requested by **H-GAC**, replace any staff members who are not providing the service and expertise deemed necessary by **H-GAC** for acceptable support of **End Users**.
- e. Properly prepare and provide to **End User** a Contract Pricing Worksheet, or a quotation in other format as approved by **H-GAC**, for each and every order that is to be executed.
- f. Furnish, on request of **H-GAC**, reasonable data, forms and graphic material to be used in brochures or other print media, or on **H-GAC's** website.

- g. Allow access to **H-GAC** authorized personnel for inspection of operating facilities, and auditing of purchase orders during the contract period, and for a period extending thru the completion of any outstanding orders. Site inspection may be arranged not less than ten (10) calendar days prior, shall include the names of all participants, and shall be at no expense to **Contractor**.
- h. **Reporting Requirements:**
- **Contractor** agrees to submit written quarterly reports to **H-GAC** detailing all transactions during the previous three month period. Such reports shall include, but are not limited to the following:
    - **End User** name
    - Product/Service purchased, including Product Code if applicable
    - End User Purchase Order Number
    - Purchase Order Date
    - Product/Service dollar amount
    - **HGACBuy** Order Processing Charge amount
    - Reports must be provided to **H-GAC** in MSEXcel or other acceptable electronic format, and are due by the 30<sup>th</sup> day of the month following the applicable quarter being reported.
- i. Should **Contractor** default in providing Products or Services as required by this Invitation and the contract, recourse may be exercised thru cancellation of the contract and other legal remedies as may be appropriate.

#### 49. IMPLEMENTATION OF INTERNET BASED E-COMMERCE

**H-GAC** Cooperative Purchasing has adopted E-Commerce as part of its business model and maintains an internet website at [www.HGACBuy.org](http://www.HGACBuy.org). At any point in time, various information and process functions may be implemented and made operational thru the website, including but not limited to items such as:

##### Information Items

- Contract information
- Procurement schedules
- Response requirements & specifications
- Product and option item catalog listings
- **End User & Contractor** information

##### Functions

- **End User** product inquiries
- Product configuration and price quotes
- Purchase Orders and Confirmations
- Shipping/Delivery notices
- Invoice generation
- Payment remittances, etc.

All **H-GAC Contractors**, as a condition of contract, will be required to work with **H-GAC** and it's E-Commerce provider(s) to maximize use of E-Commerce within the context of **H-GAC** Cooperative Purchasing business. **Offeror** is encouraged to refer to **H-GAC's** Cooperative Purchasing web site where additional information can be found. If you have any questions, please contact **H-GAC** for assistance.

#### 50. CONTRACTOR ORIENTATION/TRAINING

**H-GAC** believes that **Contractor's** familiarity with the operational policies and requirements of the Cooperative Purchasing Program is a key factor in achieving **End User** satisfaction. In that regard, the Contact Person listed on **Form A**, or an alternate, shall be required to participate in an **H-GAC** vendor orientation/training as soon as possible after contract award. In addition, any other of Contractor's staff who will be involved in any way with the HGACBuy Program should participate in orientation. The orientation may be presented as a teleconference or webinar, or may be held in **H-GAC's** offices as may be determined by **H-GAC** and Contractor to be the most efficient and effective form of delivery.

#### 51. LEGAL & CONTRACTUAL REMEDIES

##### RESOLUTION OF PROTESTED SOLICITATIONS AND AWARDS

##### Procedure

Any actual or prospective **Offeror** or **Contractor** who is aggrieved in connection with a purchase transaction may file a grievance. The grievance may be filed at any phase of the procurement. In order for an above mentioned party to enter the grievance process, a written complaint must be sent to the Office Services Manger of **H-GAC** by certified mail which identifies the following:

1. Name, mailing address and business phone number of the complainant.
2. Appropriate identification of the procurement being questioned.
3. A precise statement of reasons for the protest.

4. Supporting exhibits evidence or documents to substantiate any claims.

The grievance must be based on an alleged violation of **H-GAC**'s Procurement Procedures, a violation of State or Federal law (if applicable), or a violation of applicable grant or contract agreements to which **H-GAC** is a party. Failure to receive a procurement award from **H-GAC** in and of itself does not constitute valid grievance. Upon receipt of grievance, the Office Services Manager will initiate the informal resolution process.

#### **Expedited Resolution**

The Procurement Officer or Departmental Manager responsible for the solicitation shall contact the complainant and all interested parties and attempt to resolve the allegations informally within ten (10) working days from date of complaint. If the allegations are successfully resolved by mutual agreement, documentation will be forwarded to the Office Service Manager of the resolution with specifics on each point addressed in the original complaint.

If the Procurement Officer or Departmental Manager is not successful in resolving the allegations, the complaint along with the comments will be forwarded to the Office Service Manager immediately. The Office Service Manager will review all documentation. All interested parties will be given written notice of the date, time, and place of the hearing and an opportunity to present evidence. A written decision will be issued within five (5) working days after the hearing along with notice of appeal rights.

#### **Appeals**

The complainant may appeal the Office Service Manager's decision by submitting a written appeal, within five (5) working days, to the Executive Director of **H-GAC**. The Executive Director, upon receipt of a written notice of appeal, shall contact the complainant and schedule a hearing within ten (10) working days. The Executive Director of **H-GAC** has the option of appointing a Hearing Officer to preside over the hearing. If appointed, the Hearing Officer shall conduct a hearing and forward a summary and recommended resolution to the Executive Director.

The decision reached by the Executive Director or his designee shall be final and conclusive. This decision will be forwarded to the complainant in writing within thirty (30) working days.

The **Contractor** may, if it elects to do so, appeal the final and conclusive decision of the Executive Director to a Court of competent jurisdiction.

#### **RESOLUTION OF CONTRACT DISPUTES**

Upon breach or default, **H-GAC** shall give the **Contractor** written notice of default. If the default is not remedied, within a reasonable specified time from date of notification, to the satisfaction and approval of **H-GAC**, default will be declared.

Upon breach of contract or default, **H-GAC** may exercise any and all of its rights afforded by law, including but not limited to those referenced in the General Contract Provisions.

#### **SOLICITATIONS OR AWARDS IN VIOLATION OF THE LAW**

Contracts awarded in violation of the competitive process or otherwise in violation of the law are voidable by **H-GAC**.

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#### **52. NATIONWIDE SALES OPPORTUNITIES**

**HGACBuy** provides purchasing services to local governments qualifying non-profits throughout the nation, and desires to make established contracts available to them wherever and whenever practicable. Therefore, once a contract is awarded, **Contractor** is expected to expand the scope of its marketing effort to include sales to **End Users** in all areas of the United States, and/or to assign any **H-GAC** contract to another contractor(s) as deemed appropriate by **H-GAC** in the interest of its End Users.

- **Contractor** may sell through **HGACBuy** anywhere subject to compliance with applicable laws and regulations. If the market structure in which **Contractor** operates requires a contract assignment for any particular sale, **H-GAC** will expect **Contractor** to assign the contract to a Manufacturer or to another Dealer(s). Such assignment must be approved by **H-GAC**.
- **Contractor**'s differential costs (e.g. transportation & delivery charges) and allowances (e.g. manufacturer's sales incentives) related to any sale may be charged to buyer.

**End of Section A General Terms And Conditions**

**SECTION B - PRODUCT SPECIFIC REQUIREMENTS  
For  
FIRE SERVICE APPARATUS (ALL TYPES)**

**TABLE OF CONTENTS**

Subsection	Page
1. INTRODUCTION .....	1
2. GENERAL .....	2
3. DETAILED PRODUCT SPECIFICATIONS .....	3
4. LEGAL REQUIREMENTS.....	2
I. WILDLAND FIRE APPARATUS (BRUSH FIRE) .....	4
II. SPECIAL SERVICE FIRE APPARATUS (RESCUE) .....	5
III. AERIAL FIRE APPARATUS .....	6
IV. PUMPER FIRE APPARATUS.....	7
V. AIRCRAFT RESCUE & FIRE FIGHTING VEHICLES .....	8
5. EVALUATION AND BID AWARDS.....	8

**1. INTRODUCTION**

It is the intent of this bid solicitation to acquire pricing that will be used to establish purchase order contracts for various types of fire apparatus. These specifications describe various categories and specific types of Fire Apparatus, including minimum design and construction characteristics considered necessary to perform desired functions. Any products bid hereunder must meet or exceed all requirements listed or referenced in this Invitation. The basic Product categories covered by this Invitation are:

- A. Aerial Fire Apparatus (Boom/Platform, Ladder, Ladder/Platform)
- B. Wildland Fire Apparatus (Brush Fire)
- C. Pumper Fire Apparatus
- D. Special Service Apparatus (Rescue, Re-Hab, Hazmat, Mobile Command Center, etc.)
- E. Pumper-Tanker / Elliptical-Tanker Fire Apparatus
- F. Aircraft Rescue & Fire-Fighting Vehicles

Specific Product items have been pre-listed on **Form D** to be bid. If options (see below) other than the Base Product Items on **Form D** are being offered, they should be listed on **Form E** as upgrades, downgrades, or modifications to the base Product Item on **Form D**, and should be priced using a differential amount based on the bid price for the base Product Item.

**Note:** All products listed on Form D shall be considered as base models/units. Bidders shall provide pricing on all options where applicable as they pertain but not limited to the following:

- Chassis/Cab Builder (manufacturer)
- Cab Designs (2/4 Door/Tilt Cab etc.)
- Cab/Body Sheet Metals (Galvanneal, Formed/Extruded Aluminum, Stainless Steel)
- Rear Axle Configuration (Single/Tandem/Tandem Front Steering/Triple Rear)
- Fire Pump Capacities & Mounting Locations (1250/1500/2500 GPM Pump/rear and mid-mounted)
- Body Configurations (Walk-In/Non-Walk-In Body)
- Aerial Categories (Construction/Turntable Positions/Aerial Device Functions)



**Note: Customer Quotations – If Requested by an End User**, the contractor shall be prepared to provide itemized pricing of the base specification (product code) allowing End User verification of credits/deducts due as a result of upgrades/downgrades to features included in the base specification.

## 2. GENERAL

- **Third Party Specification(s) By Reference**

This specification is based on the latest editions of NFPA 1901 Standard for Automotive Fire Apparatus, NFPA 1906 Standard for Wildland Fire Apparatus and NFPA 414 Standard for Aircraft Rescue and Fire-Fighting Vehicles.

- **Form A's**

*An originally signed **Form A** from the all entities who are party to this submission and who should be offered a contract if this submission is successful. These entities should include the Apparatus Manufacturer, Franchised Texas Dealer and those dealers outside Texas who have current or past sales through the program (Note: All other sales outside Texas should be coordinated through the manufacturer when possible). In those cases where sales must go through a dealer due to franchise agreements, **Form A's** will be accepted from those dealers. For those only bidding conversions (i.e. brush trucks, light rescues), **Form A's** from in-state commercial chassis dealers for the underlying chassis make being quoted should be provided.*

- **Product Liability Insurance.**

The requirements for Product Liability Insurance in **Section A** are superceded as follows:

For Brush Fire Apparatus, Mini-Pumpers, Class A Pumpers, Heavy Duty Rescues, and HazMat & Mobile Command Centers, Bidder must have in place Product Liability Insurance with a Single Occurrence limit of at least \$1,000,000 per seating position. For Aerial Apparatus, the requirement is \$5,000,000 plus an additional \$1,000,000 for each seating position. [e.g. An aerial ladder truck with six (6) seating position would require Product Liability Insurance with a Single Occurrence limit of \$11,000,000.] For Slip-In Pump/Tank Units, the requirement is a Single Occurrence limit of \$1,000,000 total. The General Aggregate limit for all Apparatus categories must be at least two times the Single Occurrence limit.

**Note: Product liability listed above shall be the responsibility of the manufacturer.**

- **Fire Apparatus Options, Accessories & Loose Equipment Offered.**

H-GAC bid specifications for fire apparatus include **FORM E “Priced Options.”** Equipment not offered in the bid response as Priced Options shall be classified as “Unpriced/unpublished” and may not be sold except as subject to the 25% restriction imposed by Texas statutes.

**Note: All priced options (Form E) may be offered for separate purchase to End Users. Individual purchase orders for these options cannot exceed \$50,000.00 (H-GACBuy Fee – 1.5%)**

- **Product Code**

Each base Product item covered by this Invitation has been pre-listed on **Form D**, and is identified by a unique **H-GAC** alphanumeric Product Code. Bidder shall decide which line items to bid and shall fill in a bid price in the appropriate cell on **Form D**.

- **Training** - On the initial delivery of the fire apparatus, the contractor shall supply a qualified representative to demonstrate the apparatus and provide initial instruction to representatives of the purchaser regarding the operation, care, and maintenance of the apparatus and equipment supplied (NFPA 1901. 4.4.3).

**Note:** Contractor shall quote as an option on **Form E** any optional instruction/training regarding service/maintenance that may be available for the delivered apparatus.

- **Manuals** – The contractor shall supply at the time of delivery, at least **two (2) sets** of complete operations and service documentation covering the completed apparatus as delivered and accepted (NFPA Sec. 4.19.2.1)

- **Awards** - Consistent with Texas bid award statutes, for each specific Form-D line item, H-GAC will recommend a single award to the lowest responsible Offeror. Once approved by our Board of Directors, Offerors will be notified of H-GAC management's final award recommendations by email, and then followed by a final, formal signature request from our Contracts group.

- **COMMITMENT**

**Offeror** is required to make some basic commitments to insure the overall success of this program. By submission of a response, offeror commits to the following:

- **Corporate/Sales Commitment** – A commitment that **HGACBuy** has the support of senior management and that **HGACBuy** will be the primary government contracting vehicle when offering services/products awarded from this solicitation to eligible end users nationwide. A further commitment to aggressively market the program, both independently as well in partnership with **HGACBuy**.
- **HUB Participation** – It is **H-GAC's** goal to have Historically Underutilized Business Enterprise (HUB) participation in providing services under a contract. IF **Offeror(s)** intends to employ subcontractors in providing services/products related to this solicitation, **Offeror(s)** shall make and demonstrate a good faith effort to include HUB participation under a contract. **Offeror(s)** good faith effort shall include, but is not limited to the following affirmative steps (ref. 2CFR 200.321):
  - 1) Placing qualified small and minority businesses and women's business enterprises on solicitation list;
  - 2) Assuring that small and minority businesses and women's business enterprises are solicited whenever they are potential sources;
  - 3) Dividing total requirements, when economically feasible, into smaller task or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
  - 4) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises;
  - 5) Using the services and assistance as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce;

**NOTE: The term HUB as used in this solicitation is understood to encompass all programs/business enterprises such as Small Disadvantaged Business (SDB), Disadvantage Business Enterprise (DBE), Minority Owned Business Enterprise (MBE), Women Owned Business Enterprise (WBE) and Disabled Veteran Business Enterprise (DVBE).**

### 3. DETAILED PRODUCT SPECIFICATIONS

The specifications detailed below for the various categories of apparatus are to be considered the minimum requirements unless there is a conflict with descriptive information detailed on **Form D**. In that event, the requirements of **Form D** shall govern.

**Note: Bidder shall supply a spec/quote sheet for each product code bid on Form D. These sheets should detail what features are included in the price quoted on Form D.**

### 4. LEGAL REQUIREMENTS

a) In addition to NFPA 1901,1906 and 414 (latest editions), all apparatus offered shall comply with all applicable federal (i.e. FMVSS, SAE, DOT, TREA, EPA, ASTM, AWS, ASNT, UL, & NFPA + etc.) and state {Texas Department of Transportation, Division of Motor Vehicles, Motor Vehicles Division Code [Latest version]} regulations and rules, and have all components incorporated into and/or on the apparatus as required for a Texas State Safety Inspection (i.e. front and rear mud flaps, inspection certificate, etc).

b) Bidders, shall have on file at H-GAC prior to, or included with the bid response, the correct license(s) as required by the State of Texas, Department of Transportation, Division of Motor Vehicles, Motor Vehicle Commission Code [latest edition] which is applicable to the bidder's operations.

c) The prescribed licenses will include the manufacturer/bidder, and any and all dealers and their representatives as may be required by the Motor Vehicle Division.

**Note: All units offered in this solicitation must be available to our Texas members through in-state licensed franchised motor vehicle dealers. Form A's are required with the submission from each dealer (e.g. apparatus, chassis as required) in order to receive a contract. Form A's will not be accepted after the bid has been submitted.**

Note: It is the contractor's responsibility to ensure all apparatus sales are in accordance with the motor vehicle laws of the state where the acquisition is made.

## I. WILDLAND FIRE APPARATUS (BRUSH FIRE)

### A. WILDLAND/BRUSH FIRE APPARATUS -

In addition to the latest edition of NFPA Standard 1906, Products bid hereunder must also comply with all H-GAC specifications and requirements herein. The wildland fire apparatus covered by this Invitation are defined by the Product Codes that have been pre-listed on **FORM D**.

#### 1. Minimum Standard Features Required in Base Product Item Bid:

##### a) Wildland/Brush Fire Apparatus Bids:

- Aluminum or Steel Flat Bed body style shall have mesh bulk head
- Utility body shall be of steel, aluminum or composite fiberglass laminate
- Composite Utility body shall be constructed of composite fiberglass laminate with closed cell structural PVC foam core. Comprising a laminate of ½" thick.
- Poly Utility body shall be ½" thickness copolymer sheet material.
- 150 gpm single stage, auxiliary engine-driven pump with pump panel (2 stage pumps to be quoted as optional on Form E). The pump operator's panel shall be located on the left side or rear of the apparatus.
- 300 gal polypropylene water tank (250 gal. on slip-on unit). Tank shall be polypropylene with lifetime warranty. Note: Other sizes shall be offered as Priced Options on FORM E. Provide sizes up through at least 400 gal.
- 1 Transverse preconnect hose bed (minimum)
- 20 cu ft Compartmentation including, but not limited to, left and right sides and rear (12 cu ft for slip-on units)
- Heater/Defroster and Air Conditioning in Cab area
- Base Cab/Chassis GVWR – 13,000 lbs.
- V8 Diesel Engine
- 5 speed manual transmission (automatic transmission to be quoted as optional on Form E)
- Completed apparatus must be NFPA 1906 Compliant

##### (b) Self-contained, Slip-on Unit Bids:

- 100 gpm @ 100psi single stage, auxiliary engine-driven pump with pump panel
- 250 gal polypropylene water tank
- Hose reel, 150 ft. of 1" hose
- Slip-on Unit to be mounted on pickup supplied by End User OR H-GAC Contractor

**2. Apparatus Accessories & Loose Equipment.** Bid specification documents include *Priced Option* forms for bidder to list prices for specific optional engines, fire pumps, body changes, accessories, and loose equipment. Equipment not offered in the base bid or as an option shall be classified as "*Unpublished Options*" and subject to 25% cap permitted under "*Non-Published*" provisions for competitive bids. [*See Terms & Conditions*]

**3. Options to Base Bid for additional apparatus.** A thorough listing of options is recommended. Examples of options to include on **FORM E** are:

##### (a) Options to Brush Fire Bids only:

- Alternate GVWR Chassis
- Gas engine (as well as other engine sizes)
- 4-wheel drive

**(b) Options to Slide-In Unit Bids only:**

- Different pump sizes (e.g. 150 gpm @ 100 psi)
- Different tank sizes (+/- increments of 50 gallons.)

These options are in addition to any and all other options listed in this document or H-GAC Forms included.

**II. SPECIAL SERVICE FIRE APPARATUS (RESCUE)**

In addition to the latest edition of NFPA Standard 1901, Products bid hereunder must also comply with all **H-GAC** specifications and requirements herein. The Products covered by this Invitation are defined by the Product Codes listed on **FORM D**.

**1. Standard Features Required in Base Bid for a special service fire apparatus.****(a) Custom Cabs:**

- Minimum four (4) SCBA seats in Tilt & Split Tilt cabs
- Minimum three (3) SCBA seats in Stationary cabs
- Note: Additional SCBA seats are to be priced as options on Form E
- Minimum 380 bhp diesel engine (optional engines to be priced on **Form E**)
- Allison EVS-3000 Automatic Transmission (optional transmissions to be priced on **Form E**)
- Front axle rating (min.) – 14,600 lbs. (stationary cabs), 16,000 lbs. (tilt cabs), 18,000 lbs. (split-tilt cabs)
- Single Rear axle rating (min.) – 24,000 lbs.
- Full Anti-Lock Braking System
- Power Steering
- ABS Braking System
- Heater/Defroster/Vent/Air Conditioning
- Constructed on standard straight frame rail or drop-pinch chassis.
- Fuel Tank – 50 gallon (minimum).

**(b) Commercial Cabs:**

- 2 Door Models (4 Door Models may be listed as options)
- 3 to 4 SCBA seats (depending on seating capacity) 4 Door Models only
- 300 to 330 bhp diesel engine (optional engines to be priced on **Form E**)
- Allison EVS-3000 Automatic Transmission (optional transmissions to be priced on **Form E**)
- Front axle rating (min.) – 12,000 lbs. (2-Door Cab)
- Single Rear axle rating (min.) – 21,000 lbs. (2-Door Cab)
- Heater/Defroster/Vent/Air Conditioning
- Constructed on standard straight frame rail chassis.
- Fuel Tank – 40 gallon (minimum).

**(c) Commercial Cabs (Light /Medium)**

- 2 Door Models (4 Door Models may be listed as options)
- 300 bhp diesel engine (optional engines to be priced on **Form E**)
- Automatic Transmission (optional transmissions to be priced on **Form E**)
- Front axle rating (min.) – 7,000 lbs. (2-Door Cab)
- Single Rear axle rating (min.) – 12,000 lbs. (2-Door Cab)
- Heater/Defroster/Vent/Air Conditioning
- Constructed on standard straight frame rail chassis.
- Fuel Tank – 40 gallon (minimum).
- ABS Braking System.

**2. Options to Base Bid for apparatus.** Contractors are encouraged to provide a thorough listing of options on Form E. Below are just a few examples of options to include on **FORM E**:

**Options to Walk-In Bids:**

- (a) Haz-Mat Configuration
- (b) 2 Person Command Center Configuration
- (c) Walk-Through option

**3. Special Service Fire Apparatus**

**Equipment Storage**

- (a) Non Walk-in - 640 ft<sup>3</sup>
- (b) Walk-in bids - 320 ft<sup>3</sup>

**4. To be bid as options on Form E.**

- (a) Optical Warning Devices
- (b) Generators
- (c) Breathing Air Systems
- (d) Winches
- (e) Additional Ground Ladders

**Note: All optional apparatus models offered in any bid response shall be in compliance with NFPA 1901 (latest edition) for the specific apparatus offered.**

### **III. AERIAL FIRE APPARATUS**

In addition to the latest edition of NFPA Standard 1901, Products bid hereunder must also comply with all **H-GAC** specifications and requirements herein. The Aerials (Booms/Platforms, Ladders, Ladder/Platforms) covered by this Invitation are defined by Product Codes that have been pre-listed on **FORM D**.

**1. Standard Features.** The following features must be included in all items bid pursuant to this Invitation:

- Seating for a minimum of five (5) firefighters.
- A Minimum of three (3) SCBA seats in stationary cabs, four (4) SCBA seats in all others.
- For 75-99 ft., 500 lb. capacity apparatus (For Steel & Aluminum), a minimum 400 bhp diesel engine.
- For all other Products, minimum 450 bhp diesel engine (w/EVS4000 Transmission)
- All engines must meet current EPA standards.
- Allison **EVS-3000** Automatic Transmission
- Engine exhaust auxiliary brake
- Full Anti-Lock Braking System
- Power Steering
- Air Brakes with min. 16 cfm compressor
- 1500 gpm single stage fire pump
- Polypropylene/fiberglass water tank:
  - For 75-99 ft. Aerials, Single Axle, with a rated capacity of 500/750 lbs. (steel or aluminum construction), a 300 gallon minimum polypropylene or fiberglass water tank.
  - For 75-99 ft. Aerials, Tandem Axle, with a rated capacity of 500/750 lbs. (steel or aluminum construction), a 500 gallon minimum polypropylene or fiberglass water tank.
  - For all 100'+ apparatus with platform, a 150 gallon minimum polypropylene or fiberglass water tank.

- Two (2) Transverse preconnect hose beds.
- Ground ladders mounted in totally enclosed compartment(s) with doors, and providing access from the rear of the apparatus.
- Left side pump operator's control panel.
- Heater/Defroster in Cab area.
- Air Conditioning in Cab area.
- For 45-65 ft. Mini-Aerials, Tandem Axle (19,000 lb. GVW), 1250 gpm single stage fire pump, (steel or aluminum construction), 300 gallon minimum polypropylene or fiberglass water tank, aluminum body.

## 2. Requirements by Apparatus Type.

- (a) Aerials Fire Apparatus with 1,500 gpm single-stage fire pumps shall be compliant with the following NFPA 1901 chapters regarding apparatus requirements:

### **Chapter 5: Pumper Fire Apparatus**

### **Chapter 8: Aerial Fire Apparatus**

- All optional apparatus models offered in any bid response shall be in compliance with NFPA 1901, latest edition for the specific apparatus offered.

**Note:** Optional deletion of fire pump shall be offered as a priced option on FORM E.

## IV. PUMPER FIRE APPARATUS

In addition to the latest edition of NFPA Standard 1901, Products bid hereunder must also comply with all **H-GAC** specifications and requirements herein. The Pumper Fire Apparatus covered by this Invitation are defined by the Product Codes that have been pre-listed on **Form D**.

### 1. **Standard Features Required in Base Bid Response.**

- **Commercial Cabs:** 2 or 4 door cab with doors on left and right sides of apparatus
- **Custom Cabs:** 4 door cab with doors on left and right sides of apparatus
- Minimum three (3) SCBA seats in stationary cabs, four (4) SCBA seats in all others; there is no requirement for SCBA seating in 2-door Commercial Cabs
- Minimum 300 bhp diesel engine, 2-Door Commercial Cabs.
- Minimum 320 bhp diesel engine, 4-Door Commercial Cabs.
- Minimum 325 bhp diesel engine, Custom Cabs w/1250 gpm pump
- Minimum 380 bhp diesel engine, Custom Cabs w/1500 to 2500 gpm pump
- *Note: All engines offered shall meet current EPA standards.*
- Allison **EVS-3000** Automatic Transmission for apparatus w 1250 gpm pump
- Allison **EVS-3000** Automatic Transmission for apparatus w/1500 to 2500 gpm pump
- Engine exhaust auxiliary brake shall be provided in all apparatus
- Full Anti-Lock Braking System
- Power Steering
- Air Brakes
- Minimum **750** gallon polypropylene or fiberglass water tank for pumper bodies, **500** gallon (mini-pumper)
- Minimum **1800** gallon polypropylene, fiberglass or **stainless steel** water tank for pumper/tanker bodies **on single rear axle**
- 1250 gpm single stage fire pump, Commercial Cabs.
- 1250, 1500 to 2500 gpm single stage fire pump, Custom Cabs
- Fuel Tank (minimum) – 40 gallon (commercial chassis), 50 gallon (custom chassis)
- **Commercial Cabs (Light/Medium)**
- 2 Door Models (4 Door Models may be listed as options)
- 300 bhp diesel engine (optional engines to be priced on **Form E**)
- Automatic Transmission (optional transmissions to be priced on **Form E**)
- Front axle rating (min.) – 7,000 lbs. (2-Door Cab)
- Single Rear axle rating (min.) – 12,000 lbs. (2-Door Cab)

- Heater/Defroster/Vent/Air Conditioning
- Constructed on standard straight frame rail chassis.
- Fuel Tank – 40 gallon (minimum).
- ABS Braking System.

**2. Tanker Apparatus Pumps**

Pumps, portable and PTO will be allowed on tankers. Minimum pump capability will be 250 gmp@150 psi, per NFPA 1901, 2009 Mobile Water Supply Apparatus, Chapter 14.

- 250, 350, 450, 500, 750 or 1000 gpm single state PTO or portable fire pump.

Note: Bidder shall list optional pumps as priced options on Form E.

**3. Water Tanks**

**(a) Tank Construction.**

Water tank capacity (pumpers) shall be a minimum rated **750 gal** (2850 L) as provided in the base bid response. Mini-Pumpers **300** gallon. Other sizes shall be offered as Priced Options on **FORM E**.

**4. Mobile Water Supply Apparatus Water.**

**Water Transfer** (Mobile Water Supply). The bidder shall provide pricing for tanker configurations of 1,800 gallons to 4,000 gallons including chassis requirement changes to accommodate the extra weight.

**V. AIRCRAFT RESCUE & FIRE FIGHTING VEHICLES**

Products bid hereunder must comply with the latest Edition of NFPA Standard 414 (Standard for Aircraft Rescue and Fire-Fighting Vehicles). The Aircraft Rescue & Fire-Fighting Vehicles covered by this Invitation are defined by the Product Codes that have been pre-listed on **Form D**.

**5. EVALUATION AND BID AWARDS**

Bids will be evaluated by H-GAC Staff in compliance with stated requirements. Contracts will be awarded to the “lowest responsive responsible Bidder(s) providing best value” for each base line item offered. A minimum threshold score of **70 points** will be required before a contract may be offered.

**PRICING** – An analysis of Bidder’s submitted bid price will be conducted for each base line item using **Form D** and **Form E**.

Bidders with the lowest total price for each line item will receive a **maximum score of 75 points**.

**PAST PERFORMANCE** – An evaluation will be conducted of the Bidder’s previous contract performance as an HGACBuy contractor based on the performance measured listed below. **Maximum score is 25 points**.

<b>PERFORMANCE MEASURES</b>
Timely response to request for information and/or request for quotes/pricing (Sec A, 48b)
Accurate preparation of Contract Pricing Worksheet(s) (Sec A 48e)
Timely delivery of product or services (as quoted at time of order placement) (Sec A, 25c)
Quality of products/service (Sec A, 25d, 44f)
Timely and accurate submission of Contractor’s Activity Report (Sec A, 48h)
Timely payment of order processing charge (Sec A, 44g, 44h)

**NOTE:** For **Joint Bids**, each Form A submitted in the Bidders response will be scored per the above criteria and an overall average will be taken of all Form A’s submitted to determine the Performance score for each submission.

Evaluation Criteria Scoring Table	Maximum Points
PRICE	75
PERFORMANCE MEASURES	25
TOTAL	100

**END OF SECTION "B"**





## SECTION C - H-GAC FORMS

(Rev 12/02/09)

### For Use In Responding To Competitive Bid And Proposal Invitations

Invitation No.: FS12-17

Title: Fire Service Apparatus (All Types)

This Section contains the following **H-GAC FORMS**.

FORM	DESCRIPTION
Form A:	Offeror Identification and Authorized Signatory
Form B:	Historically Underutilized Business Enterprises
Form C:	Response Checklist
Form D:	Offered Items Pricing
Form E:	Published Options
Form G:	Special Statement of Warranty

These *FORMS* are hereby made available in electronic format. They should be copied to Offeror's computer for completion and/or printout as required. The *FORMS* **may not** be changed or altered in any way, except as may be specified on the *FORM*.

**ALL** completed *FORMS* must also be submitted electronically on electronic media (DVD, CDROM, flash/thumb drive), excepting of course for signatures. The printed "Original" of the response will be considered as the official copy in case of any discrepancy between the electronic version and the printed Original.

**FORM A - OFFEROR IDENTIFICATION & AUTHORIZED SIGNATORY**  
**(DO NOT** *handwrite this Form. Information must be typed in.* **)**

Invitation No.: FS12-17

Invitation Title: Fire Service Apparatus (All Types)

Offeror Company:

(Legal name of business which will appear on contract, if awarded)

Offeror Status:  Manufacturer  Dealer/Distributor  Other

Response Type(1):  Single Offeror Acting Alone Or As Lead  Multiple Offerors Acting Jointly

Contract Signatory(2):

Title:

Mailing Address(3):

Street/PO Box

City

State & Zip

Physical Address:

Street

City

State & Zip

Phone:

Fax:

Email Address:

Federal Tax ID No.:

Web Page URL:

- (1) If Joint Offering, all parties must submit a signed Form A. A contract will be offered to each.
- (2) Person who will sign final contract documents if an award is made.
- (3) Address to which final contract documents would be sent for signature.

**Member Contact Information**

Contact Person(4):

Title:

Mailing Address:

Street/PO Box

City

State & Zip

Physical Address:

Street

City

State & Zip

Toll Free Phone:

Fax:

Email Address:

- (4) Person who End Users will contact for product information and to get pricing quotes.

**The Signatory below, on behalf of Offeror:**

- Acknowledges having thoroughly reviewed the Invitation;
- Attests to having the authority to sign this response and commit Offeror to honor all requirements;
- Makes, under penalty of perjury, all required Offeror Certifications as detailed in General Terms;
- Certifies that all information provided in this Response is true and correct.

Signature:

Title:

Printed Name:

Date:

**Title:** Fire Service Apparatus (All Types)**Offeror:** \_\_\_\_\_

Most, if not all, of the Members of HGACBuy are subject to various requirements relative to purchasing goods and services from Historically Underutilized Business Enterprises (HUBs)(See Note 1). These requirements are promulgated by federal and state governmental authorities, and include measurable criteria such as 'percentage of total dollars spent directed to HUBs', 'number of HUB contractors used', 'HUB subcontractors employed by primary contractors', etc. These requirements are generally formalized in goal oriented programs.

HGACBuy is comitted to promoting full and equal business opportunities for HUB contractors, and to assisting Cooperative Purchasing Program (COOP) Members in meeting mandated HUB goals. In that regard, Contractor shall make a good faith effort to use the services of Certified/Listed (See Note 2) HUBs whenever possible.

As part of a good faith effort, Contractor agrees to work with and assist HGACBuy Members in meeting HUB targets and goals, as may be required by any rules, processes or programs they might have in place. Such assistance may include such things as compliance with reporting requirements, provision of documentation, consideration of 'Certified/Listed' subcontractors, provision of documented evidence that an active participatory role for a HUB entity was considered in a procurement transaction, etc.

Note 1: There are many designations other than "HUB" used across the country within various jurisdictions. Examples include terms such as Disadvantaged Business Enterprise (DBE), Minority Owned Business Enterprise (MBE), Woman Owned Business Enterprise (WBE), Small Disadvantaged Business (SDB), Small, Woman or Minority-owned Business (SWAM), etc. Regardless of the formal designation, the overall objective of the relavant programs is basically the same, i.e. to insure that disadvantaged and underutilized members of the business community receive a fair share of public spending. The term HUB as used herein shall be understood to encompass all such programs/business enterprises, no matter what terminology is used by the Member.

Note 2: The terms "Certified" and "Listed" as used in conjunction with HUB programs relate to the process of HUB qualification review. Jurisdictions usually require that companies claiming HUB status be reviewed and confirmed as meeting certain minimum requirements to claim that status, and that the review and confirmation process be carried out by certain designated entities. They are then "Certified" or "Listed" by having their name included on an official listing published by the Certifying or Listing Authority.

Accepted and Agreed By:

Title:

Date:

**HUB Status Of Offeror** Offeror is a HUB, as detailed below. Offeror is not a HUB.

Designation(s):

 HUB DBE MBE WBE Other

Certifying/Listing Authority(s):

**Subcontracts**

On a separate sheet, list any subcontractors that would be employed in providing products or services related to this procurement. Include subcontractor name, designation (HUB, DBE, etc.) and certifying/listing authority.

 Subcontractor List attached. No Subcontractors will be used.

**FORM C - RESPONSE CHECKLIST**

**Procurement No.:** FS12-17

**Title:** Fire Service Apparatus (All Types)

**Offeror:** \_\_\_\_\_

This *FORM* is provided to help insure that all required Response elements have been completed and included, or certified as being available upon request. **Responses that do not comply with all requirements may be considered non-compliant.** Offeror's signatory must review each item below, and certify by initialing in the space to the right.

This Response Includes:	Init.
1 An "Original" hard copy of the <b>COMPLETE</b> submission, including all required <i>FORMS</i> , plus one <b>COMPLETE</b> copy, each in a separate <b>hard-sided</b> 3-ring binder.	
2 A copy of the <b>COMPLETE</b> submission, including all required <i>FORMS</i> , in <b>electronic format</b> (CD, DVD, flash drive). <b>Forms D &amp; E are to be provided in an excel format.</b>	
3 <i>An originally signed <b>Form A</b> from the all entities who are party to this submission and who should be offered a contract if this submission is successful. These entities should include the <u>Apparatus Manufacturer</u>, <u>Franchised Texas Dealer</u> and those dealers outside Texas who have current or past sales through the program (Note: <u>All other sales outside Texas should be coordinated through the manufacturer when possible</u>). In those cases where sales must go through a dealer due to franchise agreements, <b>Form A's</b> will be accepted from those dealers. For those only bidding conversions (i.e. brush trucks, light rescues), <b>Form A's</b> from in-state commercial chassis dealers for the underlying chassis make being quoted should be provided.</i>	
4 A <b>Form W-9 - Request for Taxpayer Identification Number and Certification</b> shall be provided from each entity that has submitted a <b>Form A</b> for this submission (See Attachment)	
5 <b>Form CIQ</b> (Conflict of Interest Questionnaire) completed and signed and provided from each entity that has submitted a <b>Form A</b> for this submission (See Attachment)	
6 <b>Form 1295 Form</b> (Certificate of Interested Parties) must be filled out electronically with the Texas Ethics Commissions's online filing application, printed out, signed, notarized, and provided from each entity that has submitted a <b>Form A</b> for this submission (See Attachment)	
7 The required list of <b>References</b> .	
8 Details of " <b>Service Organization</b> ", including locations, hours, personnel and parts/service availability. (Applies to hard goods only.)	
9 Complete <b>Warranty Documentation</b> for all Products offered.	
10 The manufacturer's latest <b>Specification Documents</b> detailing standard features, operating characteristics, etc., for all products offered. <b>Note: Bidder shall supply a spec/quote sheet for each product code bid on Form D. These sheets should detail what features are included in the price quoted on Form D.</b>	
11 If the <b>Non-Resident Reciprocal Bid Act</b> applies, a copy of your state statute and a determination of the status of Texas bidders/proposers in your home state. If not applicable, indicate "N/A"	
12 If offer includes motor vehicles to be sold in Texas, copies of all current licenses as required by the Texas Motor Vehicle Commission.	

13	A <b>Bid/Proposal Bond</b> , or <b>Cashier's Check</b> in the amount of <b>\$3000</b> . (A percentage bond is NOT acceptable.)	<b>n/a</b>

**H-GAC 'FORM D' - PRODUCT ITEM BASE OFFERING PRICES**

<b>Offeror Name:</b>	
<b>Invitation No.:</b>	<b>FS12-17 - Fire Service Apparatus (All Types)</b>

**Note:** All products listed below are to be considered as base model/units for purposes of this Invitation and any subsequent contract. The Bidder shall determine which Product Codes to bid and shall fill in a bid price in the appropriate cell. Bidder may then bid upgrades or downgrades to different product codes as options on **Form E**, with pricing equal to the differential amount between the base Product Item price and the upgrade or downgrade being offered. Bidders are to provide pricing for options and accessories as explained in Sections A and B, as well as specific apparatus variations as listed below:

1. Other available Cab/Chassis manufacturer choices for apparatus built on a commercial cab/chassis.
2. Different available cab designs (2/4 Door/Tilt Cab etc.)
3. Cab/Body sheet and structural metal choices (Galvanneal, Formed/Extruded Aluminum, Stainless Steel)
4. Available rear axle configurations (Single/Tandem/Tandem Front Steering/Triple Rear)
5. Different fire pumps and mounting locations (1250/1500/2500 GPM Pump/Rear and Mid-Mounted)
6. Various body configurations (Walk-In/Non-Walk-In Body) for Rescue, Re-Hab, Hazmat, Mobile Command Centers
7. Aerial Categories (Construction/Turtable Positions/Aerial Device Functions)

**IMPORTANT: Bidder MUST submit copies of the following with their bid:**

(1) A copy of each participating bidder/dealer's **TxMVD dealer license** identifying the make/brand of apparatus being bid.

(2) An originally signed **Form A** from the all entities who are party to this submission and who should be offered a contract if this submission is successful. These entities should include the **Apparatus Manufacturer**, **Franchised Texas Dealer** and those dealers outside Texas who have current or past sales through the program ( *Note: All other sales outside Texas should be coordinated through the manufacturer when possible*). In those cases where sales must go through a dealer due to franchise agreements, **Form A's** will be accepted from those dealers. For those only bidding conversions (i.e. brush trucks, light rescues), **Form A's** from in-state commercial chassis dealers for the underlying chassis make being quoted should be provided.

(3) A copy of the bidders and/or manufacturers's **Texas Motor Vehicle Converter license** (where applicable).

**Note: The above requirements must be met prior to any contracts being issued.**

Product Code	Model & Description (Note: Bid only the base Item/Model on this Form . <b>No changes/modifications to Form D descriptions will be accepted and will result in bid item being deemed non-compliant.</b> Bid available options noted above on <b>Form E</b> )	Base Offered Price
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**A. Blanchat Manufacturing**

**B. Wildland Fire Apparatus (Brush Fire)**

<b>AB01</b>	B-3-F450 Welded steel body with crosswalk and pump and roll capabilities HPX200 pump driven by a 23HP briggs motor 325 gals water mounted on a Ford F450 Chassis 60" CA.	
<b>AB02</b>	B-3- D3500 Welded steel body with crosswalk and pump and roll capabilities HPX200 pump driven by a 23HP briggs motor 325 gals water mounted on a Dodge 3500 Chassis 60"CA.	
<b>AB03</b>	B-4-F550 Welded steel body with crosswalk and pump and roll capabilities HPX200 pump driven by a 23HP briggs motor 400 gal poly tank mounted on Ford F550 chassis 60"CA.	
<b>AB04</b>	B-4-D5500 Welded steel body with crosswalk and pump and roll capabilities HPX200 pump driven by a 23HP briggs motor 400 gal poly tank mounted on a Dodge 5500 chassis.	
<b>AB05</b>	B-5-F550 Welded steel bed with crosswalk and pump and roll capabilities HPX200 pump driven by a 23HP briggs motor 500 gal poly tank mounted on Ford F550 chassis 84" CA.	
<b>AB06</b>	B-5-D5500 Welded steel bed with crosswalk and pump and roll capabilities HPX200 pump driven by a 23HP briggs motor 500 gal poly tank mounted on a Dodge 5500 chassis 84" CA.	
<b>AB07</b>	B-8-Ford Welded steel bed with crosswalk and pump and roll capabilities HPX200 pump driven by a 23HP briggs motor 800 gal poly tank mounted on a Ford F-750 Chassis.	

<b>AB08</b>	B-24-F550 Welded steel body with crosswalk and pump and roll capabilities HPX200 pump driven by a 23HP briggs motor 400 gal poly tank, single upswing door per side mounted on a Ford F550 60" CA.	
<b>AB09</b>	B-24-D5500 Welded steel body with crosswalk and pump and roll capabilities HPX200 pump driven by a 23HP briggs motor, 400 gal poly tank single upswing door per side mounted on a Dodge 5500 60" CA.	
<b>AB10</b>	B-24-F550 Welded steel body with crosswalk and pump and roll capabilities HPX200 pump driven by a 23HP briggs motor 400 gal poly tank, single upswing door per side	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>AD01</b>	B-27-F550 Rescue first response. Welded steel superstructure transverse crosswalk with pump and roll capabilities dual swing up doors per side HPX200 pump driven by a 23HP briggs motor 400 gal poly tank, mounted on a ford F550 chassis 84" CA.	
<b>AD02</b>	B-27-D5500 Rescue first response. Welded steel superstructure transverse crosswalk with pump and roll capabilities dual swing up doors per side HPX200 pump driven by a 23HP briggs motor 400 gal poly tank, mounted on a Dodge F550 chassis 84" CA.	
<b>AD03</b>	B-56-Ford Rescue first response. Welded steel superstructure transverse crosswalk with pump and roll capabilities dual swing up doors per side, dual HPX200 pump driven by 23HP briggs motors, 800 gal poly tank, mounted on a Ford F-750 chassis.	
<b>B. Boise Mobile Equipment</b>		
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>BB01</b>	BME, Type 3, International 7400, 4WD, 4-Door ,Crew Cab. 600 Gallon Water Tank, 25 Gallon Foam Tank, Hale CBP 250 PTO Pump, Pump and Roll Capability, FoamPro 2001 Foam System,	
<b>BB02</b>	BME, Type 3, Freightliner M2-106, 4WD, 4-Door ,Crew Cab. 600 Gallon Water Tank, 25 Gallon Foam Tank, Hale CBP 250 PTO Pump, Pump and Roll Capability, FoamPro 2001 Foam System,	
<b>BB03</b>	BME, Type 3, Urban Interface (Model 34). International 7400, 4WD, 4-Door, Crew Cab. 500 Gallon Water Tank, 25 Gallon Foam Tank, Darley JMP 500 2-Stage Pump, Darley 1-1/2AGE 24 HP Kubota D902 Diesel Auxiliary Pump	
<b>BB04</b>	BME, Type 3, Urban Interface (Model 34) Freightliner M2-106, 4WD, 4-Door, Crew Cab. 500 Gallon Water Tank, 25 Gallon Foam Tank, Darley JMP 500 2-Stage Pump, Darley 1-1/2AGE 24 HP Kubota D902 Diesel Auxiliary Pump	
<b>BB05</b>	BME, Type 4, International 7400, 4WD, 4-Door, Crew Cab. 800 Gallon Water Tank, 25 Gallon Foam Tank, Rear Mounted Darley 1-1/2AGE 34HP Kubota Diesel Pump, Two (2) Hannay 150' Hose Reels, NFPA Compliant Whelen Light Package	
<b>BB06</b>	BME, Type 4, Freightliner M2-106, 4WD, 4-Door, Crew Cab. 800 Gallon Water Tank, 25 Gallon Foam Tank, Rear Mounted Darley 1-1/2AGE 34HP Kubota Diesel Pump, Two (2) Hannay 150' Hose Reels, NFPA Compliant Whelen Light Package	
<b>BB07</b>	BME, Type 6, Ford F550, 4WD, 4-Door 6.7L Diesel, 6-Speed A/T. 300 Gallon Water Tank Darley 1-1/2AGE 24HP Kubota D902 Diesel Auxiliary Pump	
<b>BB08</b>	BME, Type 6, Dodge 5500, 4WD, 4-Door 6.7L Diesel, 6-Speed A/T. 300 Gallon Water Tank Darley 1-1/2AGE 24HP Kubota D902 Diesel Auxiliary Pump	
<b>BB09</b>	BME, Type 6, (Flatbed) Ford F550, 4WD, 4-Door 6.7L Diesel, 6-Speed A/T. 300 Gallon Water Tank Darley 1-1/2AGE 24HP Kubota D902 Diesel Auxiliary Pump	
<b>BB10</b>	BME, Type 6, (Flatbed) Dodge 5500, 4WD, 4-Door 6.7L Diesel, 6-Speed A/T. 300 Gallon Water Tank Darley 1-1/2AGE 24HP Kubota D902 Diesel Auxiliary Pump	
<b>BB11</b>	BME, Type 6, "X-Treme" Dodge 5500, Full Aluminum Body, 300 Gallon Water Tank, Darley 1-1/2 AGE Pump, Off Road Package.	
<b>BB12</b>	BME, Type 3, CalFire Model 34, International 7400 4x4 chassis, 500 gallon water tank, JMP500 Darley pump, 1-1/2 AGE Darley Aux Pump	
<b>C. Pumper Fire Apparatus</b>		
<b>BC01</b>	BME, Commercial Pumper, Side Mount, Freightliner Chassis, 1000 Gallon Water Tank, 1500 GPM Pump	
<b>BC02</b>	BME, Commercial Pumper, Side Mount, International 7400 Chassis, 1000 Gallon Water Tank, 1500 GPM Pump	

<b>BC03</b>	BME, Commercial Pumper, Top Mount, Freightliner Chassis, 1000 Gallon Water Tank, 1500 GPM Pump	
<b>BC04</b>	BME, Commercial Pumper, Top Mount, International 7400 Chassis, 1000 Gallon Water Tank, 1500 GPM Pump	
<b>BC05</b>	BME, Custom Pumper, Side Mount, Spartan Chassis, 1000 Gallon Water Tank, 1500 GPM Pump	
<b>BC06</b>	BME, Custom Pumper, Top Mount, Spartan Chassis, 1000 Gallon Water Tank, 1500 GPM Pump	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>BD01</b>	BME, Walk Around, Light Rescue, Ford F550	
<b>BD02</b>	BME, Walk Around, Medium Rescue, Freightliner M2-106, 2WD	
<b>BD03</b>	BME, Walk Around, Medium Rescue, International 4300	
<b>BD04</b>	BME, Walk Around, Heavy Rescue, Freightliner M2-108 SD	
<b>BD05</b>	BME, Walk Around, Heavy Rescue, International 7400	
<b>BD06</b>	BME, Walk Around, Heavy Rescue, Spartan Gladiator	
<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>BE01</b>	BME, Commercial Tender, Freightliner Chassis, Single Axle, 2000 Gallon Water Tank, 750GPM Pump	
<b>BE02</b>	BME, Commercial Tender, International Chassis, Single Axle, 2000 Gallon Water Tank, 750GPM Pump	
<b>BE03</b>	BME, Commercial Tender, Freightliner Chassis, Tandem Axle, 3000 Gallon Water Tank, 750GPM Pump	
<b>BE04</b>	BME, Commercial Tender, International Chassis, Tandem Axle, 3000 Gallon Water Tank, 750GPM Pump	
<b>BE05</b>	BME, Custom Tender, Spartan Chassis, Single Axle, 2000 Gallon Water Tank, 750GPM Pump	
<b>BE06</b>	BME, Tender, Model 22, Freightliner, 2WD, 2-Door, Single Axle. 1500 Gallon Stainless Steel Elliptical Water Tank.	
<b>BE07</b>	BME, Tender, Model 22, International 7400, 2WD, 2-Door, Single Axle. 1500 Gallon Stainless Steel Elliptical Water Tank.	
<b>C. Custom Fire</b>		
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>CB01</b>	CustomFIRE Initial Attack Fire Apparatus, Ford F-550 Chassis, 4x4, crew-cab, aluminum body, 300 gallons capacity	
<b>C. Pumper Fire Apparatus</b>		
<b>CC01</b>	Freightliner, 2-door, CustomFIRE pumper, aluminum body, single axle, 1500 GPM pump, side mounted pumper	
<b>CC02</b>	Freightliner 2-door, CustomFIRE aluminum body, single axle, 1500 GPM pump, Full Response Enclosed Top Mount pumper	
<b>CC03</b>	Spartan 10" raised roof, 4-door, CustomFIRE aluminum body, single axle, 1500 GPM pump, rear mount pumper	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk In Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>CD01</b>	Ford F550, 4-door, 4x4, CustomFire Aluminum, Non-Walk-In Body	
<b>CD02</b>	Spartan 10" 4-Door, Full-Tilt, Aluminum Cab, Tandem Axle, CustomFIRE Aluminum, Non-Walk-In Body	
<b>CD03</b>	M2 Freightliner, 2-Door, OEM Cab, Single Axle, CustomFIRE Aluminum, Walk-In Body	
<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>CE01</b>	Freightliner 2-door, single axle, CustomFIRE tanker aluminum body, 500 gpm pump, (2,000 gallons)	
<b>CE02</b>	Freightliner 2-door, tandem axle, CustomFIRE tanker aluminum body, 500 gpm pump, (3,000 gallons)	



<b>CE03</b>	Spartan Gladiator MFD chassis with 10" raised roof, 4-door, tandem axle, CustomFIRE pumper-tanker, aluminum body, 1500 GPM pump, side mounted pumper (3,000 gallons)	
<b>D. DACO</b>		
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>DB01</b>	Self-Contained Slip-In Unit	
<b>DB02</b>	Brush Fire Apparatus, Ford F-550 Chassis, Steel Flatbed	
<b>DB03</b>	Brush fire apparatus, Ford F-550 Chassis, Formed Aluminum Flatbed	
<b>DB04</b>	Brush fire apparatus, Ford F-550 Chassis, Steel Utility Bed	
<b>DB05</b>	Brush fire apparatus, Ford F-550 Chassis, Formed Aluminum Utility Bed	
<b>DB06</b>	Brush fire apparatus Freightliner M-2 4 x 4 Chassis Steel flatbed.	
<b>DB07</b>	Brush fire apparatus Freightliner M-2 4 x 4 Chassis Formed Aluminum Flatbed.	
<b>DB08</b>	Brush fire apparatus Freightliner M-2 4 x 4 Chassis Formed Aluminum Utility Bed.	
<b>DB09</b>	Brush Fire Apparatus, Dodge 5500 Chassis, Steel Flatbed	
<b>DB10</b>	Brush Fire Apparatus, Dodge 5500 Chassis, Formed Aluminum Flatbed	
<b>DB11</b>	Brush Fire Apparatus, Dodge 5500 Chassis, Formed Aluminum Utility Bed	
<b>E. Danko</b>		
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>EB01</b>	Skid Unit, 250 gallon tank, pump, pump engine, booster reel with booster hose.	
<b>EB02</b>	High pressure skid unit	
<b>EB03</b>	Wildland Flatbed, Ford F350 4x4 chassis, aluminum flatbed, 300 gallon skid unit.	
<b>EB04</b>	Wildland Flatbed, Dodge 3500, 4x4 chassis, aluminum flatbed, 300 gallon skid unit.	
<b>EB05</b>	Treadbrite quick attack body, Ford F450, 4x4 diesel and skid.	
<b>EB06</b>	Treadbrite quick attack body, Dodge 4500, 4x4 diesel and skid.	
<b>EB07</b>	Wildland Flatbed, Freightliner/M2, 1000 gallon water, 250-500 GPM pump.	
<b>EB08</b>	Wildland Flatbed, I-H chassis, 1000 gallon water, 250-500 GPM pump.	
<b>EB09</b>	Wildland Flatbed, Peterbilt chassis, 1000 gallon water, 250-500 GPM pump.	
<b>EB10</b>	Wildland Flatbed, Kenworth chassis, 1000 gallon water, 250-500 GPM pump.	
<b>EB11</b>	Danko Quick Attack, Ford F450 4x4 diesel, painted body, 300 gallon water with an auxiliary pump.	
<b>EB12</b>	Danko Quick Attack, Dodge 4500, 4x4 diesel, painted body, 300 gallon water with an auxiliary pump.	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>ED01</b>	Rescue, Ford F450, 4x4 chassis, Non-Walk-In Rescue Body, 10' body.	
<b>ED02</b>	Rescue, Dodge 4500, 4x4 chassis, Non-Walk-In Rescue Body, 10' body.	
<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>EE01</b>	Ford 550, Mini Pumper 4 door, 4x4, diesel chassis, 1250GPM pump, 300 gallon water	
<b>EE02</b>	IHC, 2-door chassis, Pumper Tanker, single axle, 750 GPM pump, 2000 gallon poly tank, swivel dump valve, hose bed, LED lighting	
<b>EE03</b>	Freightliner, 2-door chassis, Pumper Tanker, single axle, 750 GPM pump, 2000 gallon poly tank, swivel dump valve, hose bed, LED lighting	
<b>EE04</b>	Kenworth, 2-door chassis, Pumper Tanker, single axle, 750 GPM pump, 2000 gallon poly tank, swivel dump valve, hose bed, LED lighting	
<b>EE05</b>	Peterbilt, 2-door chassis, Pumper Tanker, single axle, 750 GPM pump, 2000 gallon poly tank, swivel dump valve, hose bed, LED lighting	
<b>EE06</b>	IHC, 2-door chassis, Pumper Tanker, tandem axle, 750 GPM pump, 3000 gallon poly tank, swivel dump valve, hose bed, LED lighting	
<b>EE07</b>	Freightliner, 2-door chassis, Pumper Tanker, tandem axle, 750 GPM pump, 3000 gallon poly tank, swivel dump valve, hose bed, LED lighting	
<b>EE08</b>	Kenworth, 2-door chassis, Pumper Tanker, tandem axle, 750 GPM pump, 3000 gallon poly tank, swivel dump valve, hose bed, LED lighting	
<b>EE09</b>	Peterbilt, 2-door chassis, Pumper Tanker, tandem axle, 750 GPM pump, 3000 gallon poly tank, swivel dump valve, hose bed, LED lighting	
<b>EE10</b>	IHC, 2-door chassis, Tanker, single axle, auxiliary pump with diesel engine, 2000 gallon poly tank, stainless plumb, swivel dump, LED lights	

EE11	Freightliner 2-door chassis, Tanker, single axle, auxiliary pump with diesel engine, 2000 gallon poly tank, stainless plumb, swivel dump, LED lights	
EE12	Kenworth, 2-door chassis, Tanker, single axle, auxiliary pump with diesel engine, 2000 gallon poly tank, stainless plumb, swivel dump, LED lights	
EE13	Peterbilt, 2-door chassis, Tanker, single axle, auxiliary pump with diesel engine, 2000 gallon poly tank, stainless plumb, swivel dump, LED lights	
EE14	IHC, 2-door chassis, Tanker, tandem axle, auxiliary pump with diesel engine, 3000 gallon poly tank, stainless plumb, swivel dump, LED lights	
EE15	Freightliner, 2-door chassis, Tanker, tandem axle, auxiliary pump with diesel engine, 3000 gal poly tank, stainless plumb, swivel dump, LED lights	
EE16	Kenworth, 2-door chassis, Tanker, tandem axle, auxiliary pump with diesel engine, 3000 gallon poly tank, stainless plumb, swivel dump, LED lights	
EE17	Peterbilt, 2-door chassis, Tanker, tandem axle, auxiliary pump with diesel engine, 3000 gallon poly tank, stainless plumb, swivel dump, LED lights	
<b>F. Darley</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		
FA01	Spartan Single Rear Axle Chassis, Poly Body, 1500 GPM Midship CAFS Pump, Rear Mount 78 ft Steel Aerial, 500 Gallon Tank	
FA02	Spartan Tandem Rear Chassis, Poly Body, 1500 GPM Midship CAFS Pump, Rear Mount 109 ft Steel Aerial, 300 Gallon Tank	
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
FB01	Darley Wildland Attack Unit, Ford F550, Poly Body with Foam System	
<b>C. Pumper Fire Apparatus</b>		
FC01	IH 2-Door Single Rear Axle Chassis, Poly Body, 1500 GPM CAFS Midship Pump, 1000 Gallon Tank	
FC02	Spartan Single Rear Axle Chassis, Poly Body, 1500 GPM CAFS Midship Pump, 1000 Gallon Tank	
FC03	Spartan Tandem Rear Axle Chassis, Poly Body, 1500 GPM Midship Pump, 2500 Gallon Tank	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
FD01	IH 2-Door Single Rear Axle, Heavy Rescue Poly Body, Non-Walk-In Body	
FD02	Spartan Single Rear Axle, Heavy Rescue Poly Body, Non-Walk-In Body	
<b>E. Pumper/Tankers &amp; Tankers</b>		
FE01	Spartan Single Rear Axle Chassis, Poly Body, 1000 GPM Midship Pump, 2000 Gallon Tank	
FE02	IH 2-Door Tandem Rear Axle Chassis, Poly Body, 1250 GPM Midship Pump, 2500 Gallon Tank	
FE03	Spartan Tandem Rear Axle Chassis, Poly Body, 1500 GPM Midship Pump, 3500 Gallon Tank	
<b>G. Deep South</b>		
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
GB01	Deep South Wildland Fire Apparatus, Ford Gas F-550 Regular Cab, 4X4, - 9' Alum. Flatbed Fire Body w/skid unit-150 GPM pump, 250 gallon tank.	
GB02	Deep South Wildland Fire Apparatus, IHC 4400 Regular Cab, 4X2, 15' Alum. Flatbed Fire Body w/skid unit-150 GPM pump, 250 gallon tank.	
GB03	Skid Unit, 100 GPM pump, 250 gallon water tank, Hose reel, 200' of 1" redline	
GB04	Deep South Wildland Fire Apparatus, Ford Diesel F-550, Regular Cab, 4x4, 8' Factory Truck Bed w/skid unit, 150 GPM pump, 250 gallon water tank	
<b>C. Pumper Fire Apparatus</b>		
GC01	1000 Series Pumper / KW T-370 2 door. Hi/Low Series Pumper, 750 Gallon Poly Tank - 1/8" Hi/Low Alum. body. Side-mount 1250 GPM pump.	
GC02	1000 Series Pumper / Spartan Metro X 4 door. Hi/Low Series Pumper, 750 Gallon Poly Tank - 1/8" Hi/Low Alum. Body. Side-mount 1250 GPM pump.	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		

<b>GD01</b>	Quick Response Rescue / Fire Apparatus, Ford Gas F-550 Regular cab, 4X4, 9' – 1/8" Alum. 68" High Rescue / Fire Body.	
<b>GD02</b>	Medium-Duty "Walk-Around" Rescue Body / KW T-370 2- door 12' – 1/8" Alum. 84" High Rescue / Fire Body.	
<b>GD03</b>	Heavy Duty "Walk-Around" Rescue Body/Spartan MetroX 4 Door, 18' Alum. 84" High Rescue/Fire Body.	
<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>GE01</b>	Classic Series Mild Steel Tank / KW T-370 2 door - 3/16" Semi-Elliptical 1800 gallon coated mild steel tank body & subframe, 500 GPM PTO pump.	
<b>GE02</b>	Classic Series Poly Tank / KW T-370 2 door. 1800 gallon Poly Tank 1/8" Aluminum Body & Subframe, 500 GPM PTO pump.	
<b>GE03</b>	Classic Series Poly Tank / Spartan Metro X 4 dr - 1800 gallon Poly Tank 1/8" Alum. Body & Subframe, 500 GPM PTO pump.	
<b>H. Emergency One (E-One)</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		
<b>HA01</b>	E-One Typhoon, 4-Door Full-Tilt Welded Extruded Aluminum Cab, Six (6) Man Seating, Welded Extruded Aluminum Body, Single Axle, 1500 GPM Single Stage Pump, 500 Gallon Tank, Welded Extruded Aluminum HP75 - 75 FT. 550# Tip Load, Rear Mount Telescoping Ladder	
<b>HA02</b>	E-One Cyclone II, 4-Door Full-Tilt Welded Extruded Aluminum Cab, Six (6) Man Seating, Welded Extruded Aluminum Body, Single Axle, 1500 GPM Single Stage Pump, 500 Gallon Tank, Welded Extruded Aluminum HP78 - 78 FT. 650# Tip Load, Rear Mount Telescoping Ladder	
<b>HA03</b>	E-One Quest, 4-Door Full-Tilt Welded Extruded Aluminum Cab, Six (6) Man Seating, Welded Extruded Aluminum Body, Single Axle, 1500 GPM Single Stage Pump, 500 Gallon Tank, Welded Extruded Aluminum HP78 - 78 FT. 825# Tip Load, Rear Mount Telescoping Ladder	
<b>HA04</b>	E-One Cyclone II, 4 Door Full Tilt Welded Extruded Aluminum Cab, Six (6) Man Seating, Welded Extruded Aluminum Body, Single Axle, No Pump, No Tank, Welded Extruded Aluminum Metro 100 - 100 FT. 300# Tip Load, Rear Mounted Telescoping Ladder.	
<b>HA05</b>	E-One Cyclone II, 4-Door Full-Tilt Welded Extruded Aluminum Cab, Six (6) Man Seating, Welded Extruded Aluminum Body, Tandem Axle, 1500 GPM Single Stage Pump, 500 Gallon Tank, Welded Extruded Aluminum HP100 - 100 FT. 550# Tip Load, Rear Mounted Telescoping Ladder	
<b>HA06</b>	E-ONE Quest, 4 Door Full Tilt Welded Extruded Aluminum Cab, Six (6) Man Seating, Welded Extruded Aluminum Body, Tandem Axle, 1500 GPM Single Stage Pump, 300 Gallon Tank, Welded Extruded Aluminum CR137 - 137 FT. 300# Tip Load, Rear Mount Telescoping Ladder	
<b>HA07</b>	E-One Cyclone II, 4-Door Full-Tilt Welded Extruded Aluminum Cab, Six (6) Man Seating, Welded Extruded Aluminum Body, Tandem Axle, 1500 GPM Single Stage Pump, 300 Gallon Tank, Welded Extruded Aluminum L193 - 95' 1305# Tip Load, Mid-Mounted Telescoping Ladder Platform	
<b>HA08</b>	E-One Cyclone II, 4-Door Full-Tilt Welded Extruded Aluminum Cab, Six (6) Man Seating, Welded Extruded Aluminum Body, Tandem Axle, 1500 GPM Single Stage Pump, 300 Gallon Tank, Welded Extruded Aluminum L095- 92' 1025# Tip Load, Rear Mounted Telescoping Ladder with Platform	
<b>HA09</b>	E-ONE Cyclone II, 4 Door full Tilt Welded Extruded Aluminum Cab, Six (6) Man Seating, Welded Extruded Aluminum Body, Tandem Axle, 1500 GPM Single Stage Pump, 300 Gallon Tank, Welded Extruded Aluminum HP100 - 100 FT. 1305# Tip Load, Rear Mounted Telescoping Ladder with Platform	
<b>HA10</b>	E-One Cyclone II, 4-Door Full-Tilt Welded Extruded Aluminum Cab, Six (6) Man Seating, Welded Extruded Aluminum Body, Tandem Axle, 1500 GPM Single Stage Pump, 300 Gallon Tank, Welded Steel HPS105 - 105 FT. 575# Tip Load, Rear Mounted Telescoping Ladder	
<b>HA11</b>	E-One Cyclone II, 4-Door Full-Tilt Aluminum Cab, Extruded Aluminum Body, Tandem/Axle, 2000 GPM Single Stage Pump, 300 Gallon Tank, Bronto 116+ 1400# Tip Load Rear Mounted Telescoping & Articulating Steel Boom with Platform	

<b>HA12</b>	E-ONE Cyclone II, 4 Door full Tilt Welded Extruded Aluminum Cab, Six (6) Man Seating, Welded Extruded Aluminum Body, Tandem Axle, 1500 GPM Single Stage Pump, 300 Gallon Tank, Welded Steel HPS100P - 100 FT. 1305# Tip Load, Rear Mounted Telescoping Ladder with Platform	
<b>HA13</b>	E-One Typhoon, 4-Door Full-Tilt Welded Extruded Aluminum Cab, Six (6) Man Seating, Welded Extruded Aluminum Body, Single Axle, 1500 GPM Single Stage Pump, 500 Gallon Tank, Welded Aluminum 50' Boom - 50 FT. 300# Tip Load, Mid Mount Telescoping Boom with Rescue Ladder	
<b>HA14</b>	E-One Cyclone II, 4 Door Full Tilt Welded Extruded Aluminum Cab, Six (6) Man Seating, Welded Extruded Aluminum Body, Single Axle, 1500 GPM Single Stage Pump, 300 Gallon Tank, Welded Extruded Aluminum Metro 100 - HM100 FT. 300# Tip Load, Rear Mounted Telescoping Ladder.	
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>HB01</b>	E-ONE Dord F550 4X4 Quick Attack Pumper, 500 GPM, Welded Extruded Aluminum Body, Single Axle, Side Mount Pump Module	
<b>C. Pumper Fire Apparatus</b>		
<b>HC01</b>	Freightliner M2, 2-Door Commercial Cab, Pumper, Welded Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Side Mount Pump Module	
<b>HC02</b>	International 4400, 2-Door Commercial Cab, Pumper, Welded Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Side Mount Pump Module	
<b>HC03</b>	Kenworth T370, 2-Door Commercial Cab, Pumper, Welded Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Side Mount Pump Module	
<b>HC04</b>	E-One Typhoon, 4-Door Custom Full-Tilt Welded Aluminum Cab, Pumper, Welded Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Side Mount Pump Module	
<b>HC05</b>	E-ONE Cyclone II, 4 Door Custom Full Tilt Welded Aluminum Cab, Rear Engine Pumper, Welded Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Side Mount Pump Module	
<b>HC06</b>	E-ONE Quest, 4 Door Custom Full Tilt Welded Aluminum Cab, Pumper, Welded Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Rear Mount Pump Module	
<b>HC07</b>	E-One Typhoon Urban Interface Pumper, 4-Door Custom Full-Tilt Welded Aluminum Cab, Pumper, Welded Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Side Mount Pump Module	
<b>HC07</b>	Peterbilt 348, 2-Door Commercial Cab, Pumper, Welded Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Side Mount Pump Module	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>HD01</b>	Freightliner M2, 2-Door, OEM Cab, Single Axle, Welded Extruded Aluminum Body, Non-Walk-In Rescue	
<b>HD02</b>	International 4400, 2-Door, OEM Cab, Single Axle, Welded Extruded Aluminum Body, Non-Walk-In Rescue	
<b>HD03</b>	Kenworth T370, 2-Door, OEM Cab, Single Axle, Welded Extruded Aluminum Body, Non-Walk-In Rescue	
<b>HD04</b>	Peterbilt 348, 2-Door, OEM Cab, Single Axle, Welded Extruded Aluminum Body, Non-Walk-In Rescue	
<b>HD05</b>	Ford F550, 2-Door, OEM Cab, Single Axle, Welded Extruded Aluminum Body, Non-Walk-In Rescue	
<b>HD06</b>	E-One Typhoon, 4-Door Custom, Full-Tilt, Welded Aluminum Cab, Single Axle, Welded Extruded Aluminum Body, Non-Walk-In Rescue	
<b>HD07</b>	Freightliner M2, 2-Door, OEM Cab, Single Axle, Welded Stainless Body, Walk-In Rescue	
<b>HD08</b>	International 4400, 2-Door, OEM Cab, Single Axle, Welded Stainless Body, Walk-In Rescue	
<b>HD09</b>	Kenworth T370, 2-Door, OEM Cab, Single Axle, Welded Extruded Aluminum Body, Walk-In Rescue	
<b>HD10</b>	Peterbilt 348, 2-Door, OEM Cab, Single Axle, Welded Extruded Aluminum Body, Walk-In Rescue	
<b>HD11</b>	E-One Cyclone II , 4-Door Custom, Full-Tilt, Welded Aluminum Cab, Single Axle, Welded Extruded Aluminum Body, Walk-In Rescue	

<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>HE01</b>	Freightliner M2, 2-Door, Commercial Cab, Pumper/Tanker, Welded Extruded Aluminum Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted Pump Module	
<b>HE02</b>	International, 2-Door, Commercial Cab, Pumper/Tanker, Welded Extruded Aluminum Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted Pump Module	
<b>HE03</b>	Kenworth T370, 2-Door, Commercial Cab, Pumper/Tanker, Welded Extruded Aluminum Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted Pump Module	
<b>HE04</b>	E-ONE CYCLONE II, 4-Door, Custom Full-Tilt, Welded Aluminum Cab, Pumper/Tanker, Welded Extruded Aluminum Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted Pump Module	
<b>HE05</b>	International 4400, 2-Door Commercial Cab, 2000 Gallon Tanker, Wet Side Body, Single Axle, 500 GPM Pump	
<b>HE06</b>	Freightliner M2, 2-Door Commercial Cab, 2000 Gallon Tanker, Wet Side Body, Single Axle, 500 GPM Pump	
<b>HE07</b>	Kenworth T370, 2-Door Commercial Cab, 2000 Gallon Tanker, Wet Side Body, Single Axle, 500 GPM Pump	
<b>HE08</b>	Peterbilt 348, 2-Door Commercial Cab, 2000 Gallon Tanker, Wet Side Body, Single Axle, 500 GPM Pump	
<b>HE09</b>	International, 2-Door Commercial Cab, rear 3000 Gallon Tanker, Wet Side Body, Tandem Axle, 500 GPM Pump	
<b>HE10</b>	Freightliner M2, 2-Door Commercial Cab, rear 3000 Gallon Tanker, Wet Side Body, Tandem Axle, 500 GPM Pump	
<b>HE11</b>	Kenworth T370, 2-Door Commercial Cab, rear 3000 Gallon Tanker, Wet Side Body, Tandem Axle, 500 GPM Pump	
<b>HE12</b>	Peterbilt 348, 2-Door Commercial Cab, rear 3000 Gallon Tanker, Wet Side Body, Tandem Axle, 500 GPM Pump	
<b>HE13</b>	International 4400, 2-Door, Commercial Cab, 2000 Gallon Elliptical Vacuum Tanker, Welded Extruded Aluminum Body, Single Axle, 500 GPM Pump	
<b>HE14</b>	International, 2-Door, Commercial Cab, 3500 Gallon Elliptical Vacuum Tanker, Welded Extruded Aluminum Body, Tandem Axle, 500 GPM Pump	
<b>F. Airport Rescue Fire-Fighting Vehicles</b>		
<b>HF01</b>	E-ONE Titan 4x4 P801-Class 4 ARFF, Coil Spring Suspension, 1585 water/205 foam gallons, 500 lbs dry chemical, NFPA 414 & FAA Compliant)	
<b>HF02</b>	E-ONE Titan 6x6 P811, Class 5 ARFF, Coil Spring Suspension, 3170 water/420 foam gallons, 500 lbs dry chemical, NFPA 414 & FAA Compliant	
<b>I. Emergency Vehicles, Inc. (EVI)</b>		
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk In Bodies) Multi-use: Rescue, Re-Hab, Hazmat,</b>		
<b>ID01</b>	Ford F-550 2-Door, Single Axle   10' Non-Walk-In Rescue (Aluminum)	
<b>ID02</b>	Ford F-550 2-Door, Single Axle   12' Non-Walk-In Rescue (Aluminum)	
<b>ID03</b>	Ford F-550 4-Door, Single Axle   12' Non-Walk-In Rescue (Aluminum)	
<b>ID04</b>	Ford F-550 2-Door, Single Axle   12' Walk-In Rescue (Aluminum)	
<b>ID05</b>	Freightliner M2, 2-Door, Single Axle   16' Non-Walk-In Rescue (Aluminum)	
<b>ID06</b>	International 4400, 2-Door, Single Axle   16' Non-Walk-In Rescue (Aluminum)	
<b>ID07</b>	Freightliner M2, 4-Door, Single Axle   16' Non-Walk-In Rescue (Aluminum)	
<b>ID08</b>	Freightliner M2, 2-Door, Single Axle   16' Walk-In Rescue (Aluminum)	
<b>ID09</b>	International 4400, 2-Door, Single Axle   16' Walk-In Rescue (Aluminum)	
<b>ID10</b>	Freightliner M2, 4-Door, Single Axle   18' Walk-In Rescue (Aluminum)	
<b>ID11</b>	International 4400, 4-Door, Single Axle   18' Walk-In Rescue (Aluminum)	
<b>ID12</b>	Freightliner M2, 2-Door, Single Axle   18' Crew-Body Rescue (Aluminum)	
<b>ID13</b>	Freightliner M2, 2-Door, Single Axle   18' Mobile Command Center (Aluminum)	
<b>ID14</b>	Spartan, 4-Door Full Tilt, Single Axle   21' Non-Walk-In Rescue (Aluminum)	
<b>ID15</b>	Spartan, 4-Door Full Tilt, Single Axle   21' Walk-In Rescue (Aluminum)	
<b>ID16</b>	Freightliner M2, 4-Door, Single Axle   25' Walk-In Rescue (Aluminum)	
<b>ID17</b>	International 4400, 4-Door, Single Axle   25' Walk-In Rescue (Aluminum)	

<b>ID18</b>	Freightliner M2, 4-Door, Tandem Axle   25' Walk-In Rescue (Aluminum)	
<b>ID19</b>	International 4400, 4-Door, Tandem Axle   25' Walk-In Rescue (Aluminum)	
<b>ID20</b>	Spartan, 4-Door, Full Tilt, Tandem Axle   30' Walk-In Rescue (Aluminum)	
<b>ID21</b>	Freightliner M2, 2-Door, Tandem Axle   30' Walk-In Command Center (Aluminum)	
<b>ID22</b>	Ford F-550 2-Door, Single Axle   14' Crew-Body Rescue (Aluminum)	
<b>ID23</b>	Ford F-550 4-Door, Single Axle   12' 1250 GPM Mini-Pumper (Aluminum)	
<b>ID24</b>	Ford F-550 2-Door, Single Axle   10' Quick Attack (Aluminum)	
<b>ID25</b>	Ford Expedition SUV Single Axle   Command Vehicle	
<b>ID26</b>	Ford F-350 4-Door Pick Up, Single Axle   Command Vehicle	
<b>ID27</b>	Ford F-550 2-Door, Single Axle   16' Walk-In Special Service Unit (Aluminum)	
<b>ID28</b>	Ford Transit 350, Single Axle   Command Unit	
<b>ID29</b>	Freightliner M2 2-Door, Single Axle   32' Walk-In Command Center (Aluminum)	
<b>ID30</b>	Spartan, 3-Door, Single Axle   24' Crew-Body Haz-Mat Unit (Aluminum)	
<b>ID31</b>	Spartan, 3-Door, Single Axle   24' Non-Walk-In Haz-Mat Unit (Aluminum)	
<b>ID32</b>	Spartan, 4-Door Tandem Axle   26' Non-Walk-In Rescue (Aluminum)	
<b>ID33</b>	International 4400 2-Door, Single Axle   15' Air-Light Unit (Aluminum)	
<b>ID32</b>	Ford F-550 Super Cab, Single Axle   10' ESU Unit (Aluminum)	
<b>J. Ferrara</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		
<b>JA01</b>	Cinder, 4-Door Full-Tilt OEM Cab, Extruded Aluminum Body, Single Axle, 57' Rear Mounted Telescoping Ladder	
<b>JA02</b>	Igniter, 4-Door Full-Tilt OEM Cab, Extruded Aluminum Body, Single Axle, 57' Rear Mounted Telescoping Ladder	
<b>JA03</b>	Inferno, 4-Door Full-Tilt OEM Cab, Extruded Aluminum Body, Single Axle, 57' Rear Mounted Telescoping Ladder	
<b>JA04</b>	Cinder, 4-Door Full-Tilt OEM Cab, Extruded Aluminum Body, Single Axle, 77' Rear Mounted Telescoping Ladder	
<b>JA05</b>	Igniter, 4-Door Full-Tilt OEM Cab, Extruded Aluminum Body, Single Axle, 77' Rear Mounted Telescoping Ladder	
<b>JA06</b>	Inferno, 4-Door Full-Tilt OEM Cab, Extruded Aluminum Body, Single Axle, 77' Rear Mounted Telescoping Ladder	
<b>JA07</b>	Inferno, 4-Door Full-Tilt OEM Cab, Extruded Aluminum Body, Tandem Axle, 107' Rear Mounted Telescoping Ladder	
<b>JA08</b>	Inferno, 4-Door Full-Tilt OEM Cab, Extruded Aluminum Body, Tandem Axle, 127' Rear Mounted Telescoping Ladder	
<b>JA09</b>	Inferno, 4-Door Full-Tilt OEM Cab, Extruded Aluminum Body, Tandem Axle, 100' Mid-Mounted Telescoping Ladder	
<b>JA10</b>	Inferno, 4-Door Full-Tilt OEM Cab, Extruded Aluminum Body, Tandem Axle, 85' Mid-Mounted Telescoping Ladder with Platform	
<b>JA11</b>	Inferno, 4-Door Full-Tilt OEM Cab, Extruded Aluminum Body, Tandem Axle, 85' Rear Mounted Telescoping Ladder with Platform	
<b>JA12</b>	Inferno, 4-Door Full-Tilt OEM Cab, Extruded Aluminum Body, Tandem Axle, 100' Rear Mounted Telescoping Ladder with Platform	
<b>JA13</b>	Inferno, 4-Door Full-Tilt OEM Cab, Extruded Aluminum Body, Tandem Axle, 100' Mid-Mounted Telescoping Ladder with Platform	
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>JB01</b>	Self-Contained Slip-In Unit	
<b>JB02</b>	Ferrara Brush Fire Apparatus, Ford Truck, Extruded Aluminum Flatbed	
<b>JB03</b>	Ferrara Brush Fire Apparatus, Dodge Truck, Extruded Aluminum Flatbed	
<b>C. Pumper Fire Apparatus</b>		
<b>JC01</b>	Freightliner M2, 2-Door, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	
<b>JC02</b>	Freightliner M2, 4-Door, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	
<b>JC03</b>	International 4400, 2-Door, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	

JC04	International 4400, 4-Door, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	
JC05	Custom Cinder, 4-Door, Full-Tilt Cab, Extruded Aluminum Body, Single Axle, 1500 GPM Pump, Mid-Mounted Pumper	
JC06	Custom Igniter, 4-Door, Full-Tilt Cab, Extruded Aluminum Body, Single Axle, 1500 GPM Pump, Mid-Mounted Pumper	
JC07	Custom Inferno, 4-Door, Full-Tilt Cab, Extruded Aluminum Body, Single Axle, 1500 GPM Pump, Mid-Mounted Pumper	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
JD01	Ford 550, 2-door Cab, Single Axle, Extruded Aluminum Body, NON-Walk-In LIGHT Rescue	
JD02	Ford 550, 2-door Super Cab, Single Axle, Extruded Aluminum Body, NON-Walk-In LIGHT Rescue	
JD03	Ford 550, 4-door Cab, Single Axle, Extruded Aluminum Body, NON-Walk-In LIGHT Rescue	
JD04	Freightliner M2, 2-door Cab, Single Axle, Extruded Aluminum Body, NON-Walk-In MEDIUM Rescue	
JD05	Freightliner M2, 4-door Cab, Single Axle, Extruded Aluminum Body, NON-Walk-In MEDIUM Rescue	
JD06	Freightliner M2, 2-door Cab, Single Axle, Extruded Aluminum Body, Walk-In MEDIUM Rescue	
JD07	Freightliner M2, 4-door Cab, Single Axle, Extruded Aluminum Body, Walk-In MEDIUM Rescue	
JD08	Cinder, 4-Door, Full-Tilt, OEM Cab, Single Axle, Extruded Aluminum Body, NON Walk-In HEAVY Rescue	
JD09	Cinder, 4-Door, Full-Tilt, OEM Cab, Single Axle, Extruded Aluminum Body, Walk-In HEAVY Rescue	
JD10	Igniter, 4-Door, Full-Tilt, OEM Cab, Single Axle, Extruded Aluminum Body, NON Walk-In HEAVY Rescue	
JD11	Igniter, 4-Door, Full-Tilt, OEM Cab, Single Axle, Extruded Aluminum Body, Walk-In HEAVY Rescue	
JD12	Inferno, 4-Door, Full-Tilt, OEM Cab, Single Axle, Extruded Aluminum Body, NON Walk-In HEAVY Rescue	
JD13	Inferno, 4-Door, Full-Tilt, OEM Cab, Single Axle, Extruded Aluminum Body, Walk-In HEAVY Rescue	
JD14	Inferno, 4-Door, Full-Tilt, OEM Cab, Single Axle, Extruded Aluminum Body, Incident Command Vehicle	
<b>E. Pumper/Tankers &amp; Tankers</b>		
JE01	M2 Freightliner, 2-Door, Extruded Aluminum Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted Pumper/Tanker (3000 Gallons)	
JE02	M2 Freightliner, 4-Door, Extruded Aluminum Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted Pumper/Tanker (3000 Gallons)	
JE03	Custom Cinder 2, 4-Door, Extruded Aluminum Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted Pumper/Tanker (3000 Gallons)	
JE04	Custom Igniter, 4-Door, Extruded Aluminum Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted Pumper/Tanker (3000 Gallons)	
JE05	Custom Inferno, 4-Door, Extruded Aluminum Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted Pumper/Tanker (3000 Gallons)	
<b>K. Firematic</b>		
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
KB01	Firematic, RALLY B.R.A.T. ® Ford F550, 4WD, 4-Door , Aluminum flatbed body, 400 Gallon Water Tank, Hale 30FS/Deutz Diesel Pump, Pump and Roll Capability, Super Single wheels and tires	
KB02	Firematic, Rally B.R.A.T. ® Ford F550, 4WD, 4-Door , Aluminum compartment body, 400 Gallon Water Tank, Hale 30FS/Deutz Diesel Pump, Pump and Roll Capability, Super Single wheels and tires	

<b>KB03</b>	Firematic, Rally B.R.A.T. ® Ford F350, 4WD, 2-Door , Aluminum flatbed body, 250 Gallon Water Tank, Hale HPX200 Pump, Pump and Roll Capability, Super Single wheels and tires	
<b>KB04</b>	Firematic, Army 2.5 ton Brush Breaker, 6WD, 2-Door , Steel flatbed and tube body, 600 Gallon Water Tank, Hale 30FS/Deutz Diesel Pump, Pump and Roll Capability	
<b>KB05</b>	Firematic, Army 5 ton Brush Breaker, 6WD, 2-Door , Steel flatbed and tube body, 1000 Gallon Water Tank, Hale 30FS/Deutz Diesel Pump, Pump and Roll Capability, Super Single wheels and tires	
<b>KB06</b>	Firematic, Rally B.R.A.T. ® Dodge 5500, 4WD, 4-Door , Aluminum flatbed body, 400 Gallon Water Tank, Hale 30FS/Deutz Diesel Pump, Pump and Roll Capability, Super Single wheels and tires	
<b>KB07</b>	Firematic, B.R.A.T. ® Ford F550, 4WD, 4-Door , Aluminum flatbed body, Aluminum investment protection cage, 400 Gallon Water Tank, Hale 30FS/Deutz Diesel Pump, Pump and Roll Capability, Super Single wheels and tires	
<b>KB08</b>	Firematic, Rally Grass Rig Ford F450, 4WD, 2-Door , Aluminum flatbed body with walkway, 300 Gallon Water Tank, Hale HPX200 Pump, Pump and Roll Capability, Super Single wheels and tires	
<b>C. Pumper Fire Apparatus</b>		
<b>KC01</b>	Firematic, B.R.A.T. ® 1000. Commercial Pumper, Aluminum compartment body, Mid Mount, Ford F550 4x4, 300 Gallon Water Tank, 1250 GPM Pump	
<b>KC02</b>	Firematic, Rally B.R.A.T. ® 1000. Commercial Pumper, Aluminum flatbed body, Mid Mount, Ford F550 4x4, 300 Gallon Water Tank, 1250 GPM Pump	
<b>KC03</b>	Firematic, Brute Commercial Pumper, Aluminum compartment body, Front Mount, Freightliner 4x4, 700 Gallon Water Tank, 1250 GPM Pump	
<b>KC04</b>	Firematic, Brute Commercial Pumper, Aluminum compartment body, Front Mount, International 7400 4x4, 700 Gallon Water Tank, 1000 GPM Pump	
<b>KC05</b>	Firematic, Brute Commercial Pumper, Aluminum compartment body, Mid Mount, 750 Gallon Water Tank, 1250 GPM Pump	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk In Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>KD01</b>	Firematic, Rescue B.R.A.T. ® Non Walk In, Aluminum Body Light Rescue, Ford F550	
<b>KD02</b>	Firematic, Rescue B.R.A.T. ® Walk In, Aluminum Body Light Rescue, Ford F550	
<b>KD03</b>	Firematic, Commercial Rescue, non Walk In, Aluminum Body	
<b>KD04</b>	Firematic, Commercial Rescue, Walk In, Aluminum Body	
<b>L. HME</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		
<b>LA01</b>	HME Spectr, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Single Axle, Stainless Steel Body, 1500 GPM Single Stage Pump, 400 Gallon Tank, Steel Ladder HAF80L, 1000# Tip Load, Rear Mounted Telescoping Ladder	
<b>LA02</b>	HME 1871W, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Single Axle, Stainless Steel Body, 1500 GPM Single Stage Pump, 400 Gallon Tank, Steel Ladder HAF80L, 1000# Tip Load, Rear Mounted Telescoping Ladder	
<b>LA03</b>	HME Spectr, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Tandem Axle, Stainless Steel Body, 1500 GPM Single Stage Pump, 400 Gallon Tank, Steel Ladder HAF111L, 1000# Tip Load, Rear Mounted Telescoping Ladder	
<b>LA04</b>	HME 1871W, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Tandem Axle, Stainless Steel Body, 1500 GPM Single Stage Pump, 400 Gallon Tank, Steel Ladder HAF111L, 1000# Tip Load, Rear Mounted Telescoping Ladder	
<b>LA05</b>	HME SFO, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Single Axle, Stainless Steel Body, 1500 GPM Single Stage Pump, 500 Gallon Tank, HAF51T, 1000# Tip Load, Rear Mounted Steel Boom	
<b>LA06</b>	HME Spectr, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six Man Seating, Tandem Axle, Stainless Steel Body, 10GPM Single Stage Pump, 500 Gallon Tank, Stainless Platform HAF104P, 500# Tip Load, Rear Mounted Telescoping Ladder	
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>LB01</b>	HME Ford F-550 4x4 Initial Attack MiniEvo, 1500 GPM Side Mounted Pump, Stainless Steel Body, Single Axle, 400 Gallons	



<b>LB02</b>	HME SFO Initial Attack Type I, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, 1250 GPM Side Mounted Pump, Stainless Steel Body, Single Axle, 850 Gallons	
<b>LB03</b>	HME International 7400 4x4 Quick Attack Type III/34D, 500 GPM Side Mounted Pump, Stainless Steel Body, Single Axle, 500 Gallons	
<b>C. Pumper Fire Apparatus</b>		
<b>LC01</b>	HME Spectr, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Pumper, Stainless Steel Body, Single Axle, 1250 GPM Side Mounted Pump, 1045 Gallons	
<b>LC02</b>	HME 1871W, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Pumper, Stainless Steel Body, Single Axle, 1250 GPM Side Mounted Pump, 1045 Gallons	
<b>LC03</b>	HME SFO, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Pumper, Stainless Steel Body, Single Axle, 1250 GPM Side Mounted Pump, 1045 Gallons	
<b>LC04</b>	HME International 7400 2-Door Commercial Cab, Pumper, Stainless Steel Body, Single Axle, 1250 GPM Side Mounted Pump, 1045 Gallons	
<b>LC05</b>	HME International 7400 4-Door Commercial Cab, Pumper, Stainless Steel Body, Single Axle, 1250 GPM Side Mounted Pump, 1045 Gallons	
<b>LC06</b>	HME Freightliner M2 2-Door Commercial Cab, Pumper, Stainless Steel Body, Single Axle, 1250 GPM Side Mounted Pump, 1045 Gallons	
<b>LC07</b>	HME Freightliner M2 4-Door Commercial Cab, Pumper, Stainless Steel Body, Single Axle, 1250 GPM Side Mounted Pump, 1045 Gallons	
<b>LC08</b>	HME SFO R.A.T., 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Pumper, Stainless Steel Body, Single Axle, 1250 GPM Side Mounted Pump, 500 Gallons	
<b>LC09</b>	HME 4x4 SFO H.X.R., 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (4) Man Seating, Pumper, Stainless Steel Body, Single Axle, 1500 GPM Side Mounted Pump, 500 Gallon Tank, Michelin 445/50R 22.5 Super Single Tires	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>LD01</b>	HME Spectr, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Single Axle, 14' Stainless Steel Body, Non-Walk-In Rescue	
<b>LD02</b>	HME 1871W, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Single Axle, 14' Stainless Steel Body, Non-Walk-In Rescue	
<b>LD03</b>	HME SFO, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Single Axle, 14' Stainless Steel Body, Non-Walk-In Rescue	
<b>LD04</b>	HME Spectr, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Single Axle, 18' Stainless Steel Body, Non-Walk-In Rescue	
<b>LD05</b>	HME 1871W, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Single Axle, 18' Stainless Steel Body, Non-Walk-In Rescue	
<b>LD06</b>	HME SFO, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Single Axle, 18' Stainless Steel Body, Non-Walk-In Rescue	
<b>LD07</b>	HME Ford F-550 4x4 4-Door Light Rescue PackRat, Non-Walk-In Stainless Steel Rescue Body	
<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>LE01</b>	HME Spectr, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Stainless Steel Body, Tandem Axle, 1250 GPM Side Mounted Pumper/Tanker, 3000 Gallons	
<b>LE02</b>	HME 1871W, 4-Door Custom Full-Tilt Extruded Aluminum Cab, Six (6) Man Seating, Stainless Steel Body, Tandem Axle, 1250 GPM Side Mounted Pumper/Tanker, 3000 Gallons	
<b>LE03</b>	HME Freightliner M2 2-Door Commercial Cab, Stainless Steel Body, Tandem Axle, 1250 GPM Side Mounted Pumper/Tanker, 3000 Gallons	
<b>LE04</b>	HME Freightliner M2 4-Door Commercial Cab, Stainless Steel Body, Tandem Axle, 1250 GPM Side Mounted Pumper/Tanker, 3000 Gallons	
<b>LE05</b>	HME International 7600 2-Door Commercial Cab, Stainless Steel Body, Tandem Axle, 1250 GPM Side Mounted Pumper/Tanker, 3000 Gallons	

LE06	HME International 7600 4-Door Commercial Cab, Stainless Steel Body, Tandem Axle, 1250 GPM Side Mounted Pumper/Tanker, 3000 Gallons	
<b>M. KME</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		
MA01	KME, 4-Door Full-Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 79' 500# Rear Mounted Telescoping Steel Ladder	
MA02	KME, 4-Door Full-Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 103', 4 Section, 500# Rear Mounted Telescoping Steel Ladder	
MA03	KME, 4-Door Full-Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 79' 750# Rear Mounted Telescoping Steel Ladder	
MA04	KME, 4-Door Full-Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 123' 500# Rear Mounted Telescoping Steel Ladder	
MA05	KME, 4-Door Full-Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 102' 1000# Rear Mounted Telescoping Ladder with Platform	
MA06	KME, 4-Door Full-Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 100' 1000# Mid-Mounted Telescoping Ladder with Platform	
MA07	KME, 4-Door Full-Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 100' 500# Tractor (Mid-Mount), Telescoping Steel Ladder	
MA08	KME, 4-Door Full-Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 55' Water Tower (FireStix)	
MA09	International 4400, 4-Door, Formed Aluminum Body, Single Axle, 55' Water Tower (FireStix)	
MA10	KME, 4-Door Full-Tilt Aluminum Cab, Formed Aluminum Body, Tractor Drawn Aerial (TDA), 100', 4 Section 500# Steel Telescoping Ladder	
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
MB01	Ford F-550, 4 x 4, 2-Door, Skid Mounted Pumper Body	
MB02	Ford F-550, 4 x 4, 2-Door, Flatbed Style Skid Mounted Pumper	
MB03	Ford F-550, 4 x 4, 2-Door, Aluminum Minipumper Body, 300 gal. Tank, 1000 gpm Midship PTO Pump	
MB04	Intl 7300 4 x 4, 4-Door, Aluminum Minipumper Body, 500 gal. Tank, 1000 gpm Midship PTO Pump, 26,000lb GVWR	
MB05	International 7400, 4x4, 4-Door, Ridgerunner, Dual Pump, 500/20 Gals Water/Foam, NFPA 1901/1906	
MB06	International 7400, 4 x 4, 4-Door, OEM Interface Pumper, Formed Alum Body, Single Axle, 750 GPM, 500 Gallon Water	
<b>C. Pumper Fire Apparatus</b>		
MC01	International 4400, 2-Door, OEM Pumper, Formed Aluminum Body, Single Axle, 1250 GPM Pump, 1000 Gal Tank-Legacy Series Pumper	
MC02	International 4400, 2-Door, OEM Pumper, Formed Aluminum Body, Single Axle, 1250 GPM Pump, 1000 Gal Tank-Challenger Series Pumper	
MC03	International 4400, 2-Door, OEM Pumper, Formed Aluminum Body, Single Axle, 1250 GPM Pump, 750 Gal Tank-Flex Pumper	
MC04	KME Custom, 4-Door, Full-Tilt, Aluminum Cab, Formed Aluminum Body, Single Axle, 1250 GPM Pump, 750 Gal Tank-Flex Pumper	
MC05	KME Custom, 4-Door, Full-Tilt, Aluminum Cab, Alum Body, Single Axle, 1250 GPM Pump, Rear-Mounted Pumper	
MC06	KME Custom, 4-Door, Full-Tilt, Aluminum Cab, Alum Body, Single Axle, 2000 GPM Pump, 1000 Gal Tank-Flex Pumper	
MC07	International 4400, 2-Door, Alum Body, Single Axle, 1250 GPM Pump, Rear-Mounted Pumper	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
MD01	Ford F-550 4 x 2 Chassis, 2 Door, Light Duty Walk-Around Rescue	
MD02	Intl 4300, 4 x 2, 2-Door, Medium Duty Walk-Around Rescue	
MD03	International 4400, 4 x 2, 2-Door, Medium Duty Walk-In Rescue	
MD04	KME Custom, 4-Door, Full-Tilt, Aluminum Cab, Alum Body, Single Axle, Heavy Duty Walk-Around Rescue	
MD05	International 4400, 2-Door, Air/Light Special Service Walk-Around Rescue	

<b>MD06</b>	KME Custom, 4-Door, Full-Tilt, Aluminum Cab, Alum Body, Single Axle, Heavy Duty Combination Walk-in / Walk-Around Rescue	
<b>MD07</b>	International 4400 4x2, 2-Door, 10 person Crew Carrier	
<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>ME01</b>	International 4400, 2-Door, Aluminum Treadplate Body, Single Axle, 1250 GPM Pump, Painted 1800 Gal Elliptical Tank-LE Series Tanker	
<b>ME02</b>	International 7400, 2-Door, Aluminum Treadplate Body, Tandem Axle, 1250 GPM Pump, Painted 2500 Gal Elliptical Tank-LE Series Tanker	
<b>ME03</b>	International 4400, 2-Door, Aluminum Treadplate Body, Single Axle, 500 GPM Pump, Painted 1800 Gal Wetside Tank-LE Series Tanker	
<b>ME04</b>	International 4400, 2-Door, Aluminum Body, Single Axle, 500 GPM Pump, 2,000 Gal Legacy Elliptical Tanker	
<b>ME05</b>	International 4400, 2-Door, Aluminum Body, Single Axle, 500 GPM Pump, 2,000 Gal Legacy Wetside Tanker	
<b>ME06</b>	International 7400, 2-Door, Aluminum Treadplate Body, Tandem Axle, 500 GPM Pump, Painted 2500 Gal Wetside Tank-LE Series Tanker	
<b>ME07</b>	International 4400, 2-Door, Formed Galvanneal Body, Single Axle, 750 GPM Pump, 1800 Gal Eliminator T Tank	
<b>ME08</b>	International 7400, 2-Door, Formed Galvanneal Body, Tandem Axle, 750 GPM Pump, 3000 Gal Eliminator T Tank	
<b>ME09</b>	International 4400, 2-Door, Formed Galvanneal Body, Single Axle, 1250 GPM Pump, 1800 Gal T-Tank-Flex Pumper Tanker	
<b>ME10</b>	International 7400, 2-Door, Formed Galvanneal Body, Tandem Axle, 1250 GPM Pump, 2500 Gal T-Tank-Flex Pumper Tanker	
<b>ME11</b>	KME Custom, 4-Door, Full-Tilt, Aluminum Cab, Alum Body, Tandem Axle, 3,000 Gallon, Pumper-Tanker with 2,000gpm Pump	
<b>F. Airport Rescue Fire-Fighting Vehicles</b>		
<b>MF01</b>	Ford F550, 4 x 4, 4-Door, Class 1 RIV, 120 GAL AFFF Pre-mix	
<b>MF02</b>	Ford F550, 4 x 4, 4-Door, Class 2 RIV, 500 GPM Pump, 300/40 Gal Water/Foam Tank	
<b>MF03</b>	International 7400 4 x 4, 2-Door, Class 3 RIV, 500 GPM Pump, 500/75 Gal Water/Foam Tank	
<b>MF04</b>	KME Custom Class 4 ARFF, 4 x 4, 2000 GPM, 1500/200 Gal Water/Foam Tank	
<b>MF05</b>	KME Custom Class 5 ARFF, 6 x 6, 2000 GPM, 3000/400 Gal Water/Foam Tank	
<b>N. Marion</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		
<b>NA01</b>	Spartan 4-Door, Aluminum Tilt Cab, Extruded Aluminum Body, 1500 GPM Pump, rear mount, 75' 3-section, telescopic steel ladder, Single Axle, 500#, 300 Gal. Tank	
<b>NA02</b>	Spartan 4-Door, Aluminum Tilt Cab, Extruded Aluminum Body, 1500 GPM Pump, Rear Mount, 110' 4-section telescopic steel ladder, Tandem Axle, 750#, 300 Gal. Tank	
<b>C. Pumper Fire Apparatus</b>		
<b>NC01</b>	IH 4400, 2-Door, Pumper, Extruded Aluminum Body, Single axle, 1250 GPM Pump, Side Mounted, 750 Gal. Tank	
<b>NC02</b>	Freightliner M2, 2-Door, Pumper, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Side Mounted, 750 Gal. Tank	
<b>NC03</b>	Spartan 4-Door, Pumper, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Side Mounted, 750 Gal. Tank	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>ND01</b>	Ford F550, 2-Door, Aluminum Extruded Body, Single Axle, Non-Walk-in, Roll up doors, Rescue 12'	
<b>ND02</b>	IH4400, 2-Door, Aluminum Extruded Body, Single Axle, Non-Walk-in, Roll up doors, Rescue 17'	
<b>ND03</b>	Spartan 4-Door, Aluminum Tilt Cab, 10" Raised Roof, Aluminum Extruded Body, Single Axle, Non-Walk-in, Roll up doors, Rescue 17'	
<b>ND04</b>	IH4400, 2-Door, Aluminum Extruded Body, Single Axle, Walk-in, Roll up doors, Rescue 19'	

<b>ND05</b>	Spartan 4-Door, Aluminum Tilt Cab, 10" Raised Roof, Aluminum Extruded Body, Walk-in, Single Axle, Roll up doors, Rescue 19'	
<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>NE01</b>	IH4400, 2-Door, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, 1800 Gal. Tank, Single Dump Valve	
<b>NE02</b>	IH7400, 2-Door, Extruded Aluminum Body, Tandem Axle, 1250 GPM Pump, 3000 Gal. Tank, 3 Dump Valves	
<b>NE03</b>	Spartan 2-Door, CustomTilt Cab, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, 1800 Gal. Tank, Single Dump Valve	
<b>O. Maintainer Custom Bodies, Inc. (MCB)</b>		
<b>B. Wildland Fire Apparatus</b>		
<b>OB01</b>	MCB Responder Series Quick-Attack, 300 Gallon Tank & Hale HPX 200 Pump, 10' Aluminum Rescue Style Body on Ford F-550 Diesel, 4-Door, 60CA, 4X4 chassis.	
<b>OB02</b>	MCB Responder Series Quick-Attack, 300 Gallon Tank & Hale HPX 200 Pump, 10' Aluminum Rescue Style Body on Dodge RAM 5500 Diesel, 4-Door, 60CA, 4X4 chassis.	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>OD01</b>	MCB Responder Series 10' All Aluminum Walk-around rescue on Ford F-550 Diesel, 4-Door, 4X4, 60"CA chassis	
<b>OD02</b>	MCB Responder Series 10' All Aluminum Walk-around rescue on Dodge RAM 5500 Diesel, 4-Door, 4X4, 60"CA chassis	
<b>OD03</b>	MCB Responder Series 12' All Aluminum Walk-around rescue on Ford F-550 Diesel, 4-Door, 4X4, 84"CA chassis	
<b>OD04</b>	MCB Responder Series 12' All Aluminum Walk-around rescue on Dodge RAM 5500 Diesel, 4-Door, 4X4, 84"CA chassis	
<b>OD05</b>	MCB Responder Series 15' All Aluminum Walk-around rescue on Ford F-550 Diesel, 2-Door, 4X4, 120"CA chassis	
<b>OD06</b>	MCB Responder Series 15' All Aluminum Walk-around rescue on Dodge RAM 5500 Diesel, 2-Door, 4X4, 120"CA chassis	
<b>OD07</b>	MCB Responder Series 18' All Aluminum Walk-around rescue on IH 4400 Series 2-Door 4X2	
<b>OD08</b>	MCB Responder Series 18' All Aluminum Walk-around rescue on Freightliner M2-106 Series 2-Door 4X2	
<b>OD09</b>	MCB Responder Series 18' All Aluminum Walk-around rescue on Spartan Gladiator Series 4-Door 4X2	
<b>OD10</b>	MCB Responder Series 22' All Aluminum Walk-around rescue on IH 4400 Series 2-Door 4X2	
<b>OD11</b>	MCB Responder Series 22' All Aluminum Walk-around rescue on Freightliner M2-106 Series 2-Door 4X2	
<b>OD12</b>	MCB Responder Series 22' All Aluminum Walk-around rescue on Spartan MetroStar Series 4-Door 4X2	
<b>OD13</b>	MCB Responder Series 28' All Aluminum Walk-around rescue on IH 7500 Series 2-Door 4X2	
<b>OD14</b>	MCB Responder Series 28' All Aluminum Walk-around rescue on Freightliner M2-106 Series 2-Door 4X2	
<b>OD15</b>	MCB Responder Series 28' All Aluminum Walk-around rescue on Spartan MetroStar Series 4-Door 4X2	
<b>OD16</b>	MCB Responder Series 10' All Aluminum Walk-in rescue on Ford F-550 Diesel, 4-Door, 4X4, 60"CA chassis	
<b>OD17</b>	MCB Responder Series 10' All Aluminum Walk-in rescue on Dodge RAM 5500 Diesel, 4-Door, 4X4, 60"CA chassis	

<b>OD18</b>	MCB Responder Series 12' All Aluminum Walk-in rescue on Ford F-550 Diesel, 4-Door, 4X4, 84"CA chassis	
<b>OD19</b>	MCB Responder Series 12' All Aluminum Walk-in rescue on Dodge RAM 5500 Diesel, 4-Door, 4X4, 84"CA chassis	
<b>OD20</b>	MCB Responder Series 15' All Aluminum Walk-in rescue on Ford F-550 Diesel, 2-Door, 4X4, 120"CA chassis	
<b>OD21</b>	MCB Responder Series 15' All Aluminum Walk-in rescue on Dodge RAM 5500 Diesel, 2-Door, 4X4, 120"CA chassis	
<b>OD22</b>	MCB Responder Series 18' All Aluminum Walk-in rescue on IH 4400 Series 2-Door 4X2	
<b>OD23</b>	MCB Responder Series 18' All Aluminum Walk-in rescue on Freightliner M2-106 Series 2-Door 4X2	
<b>OD24</b>	MCB Responder Series 18' All Aluminum Walk-in rescue on Spartan MetroStar Series 4-Door 4X2	
<b>OD25</b>	MCB Responder Series 22' All Aluminum Walk-in rescue on IH 4400 Series 2-Door 4X2	
<b>OD26</b>	MCB Responder Series 22' All Aluminum Walk-in rescue on Freightliner M2-106 Series 2-Door 4X2	
<b>OD27</b>	MCB Responder Series 22' All Aluminum Walk-in rescue on Spartan MetroStar Series 4-Door 4X2	
<b>OD28</b>	MCB Responder Series 28' All Aluminum Walk-in rescue on IH 7500 Series 2-Door 4X2	
<b>OD29</b>	MCB Responder Series 28' All Aluminum Walk-in rescue on Freightliner M2-106 Series 2-Door 4X2	
<b>OD30</b>	MCB Responder Series 28' All Aluminum Walk-in rescue on Spartan MetroStar Series 4-Door 4X2	
<b>OD31</b>	MCB Responder Series 15' All Aluminum Walk-in 15-Passenger Crew Carrier Body on IH 4400 Series 2-Door 4X2	
<b>OD32</b>	MCB Responder Series 15' All Aluminum Walk-in 15-Passenger Crew Carrier Body on Freightliner 2-Door 4X2	
<b>OD33</b>	MCB Responder Series 14' All Aluminum Combination rescue on Ford F-550 Diesel, 2-Door, 4X4, 84"CA chassis	
<b>OD34</b>	MCB Responder Series 14' All Aluminum Combination rescue on Dodge RAM Diesel, 2-Door, 4X4, 84"CA chassis	
<b>OD35</b>	MCB Responder Series 15' All Aluminum Combination rescue on Ford F-550 Diesel, 2-Door, 4X4, 120"CA chassis	
<b>OD36</b>	MCB Responder Series 15' All Aluminum Combination rescue on Dodge RAM 5500 Diesel, 2-Door, 4X4, 120"CA chassis	
<b>OD37</b>	MCB Responder Series 18' All Aluminum Combination rescue on IH 4400 Series 2-Door 4X2	
<b>OD38</b>	MCB Responder Series 18' All Aluminum Combination rescue on Freightliner M2-106 Series 2-Door 4X2	
<b>OD39</b>	MCB Responder Series 22' All Aluminum Combination rescue on IH 4400 Series 2-Door 4X2	
<b>OD40</b>	MCB Responder Series 22' All Aluminum Combination rescue on Freightliner M2-106 Series 2-Door 4X2	
<b>OD41</b>	MCB Responder Series 28' All Aluminum Mobile Command Center on IH 7600 2-Door 4X2	
<b>OD42</b>	MCB Responder Series 28' All Aluminum Mobile Command Center on M2-106 2-Door 4X2	
<b>OD43</b>	MCB Responder Series 28' All Aluminum Mobile Command Center on Spartan MetroStar 4-Door 4X2	
<b>OD44</b>	MCB Responder Series 28' All Aluminum Mobile Command Center on Spartan Gladiator 4-Door 4X2	
<b>P. Metro Fire Apparatus Specialists</b>		
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>PB01</b>	Self Contained Slide In Unit, 250 gallon	
<b>PB02</b>	Metro Brush Truck, Ford F450 2Dr, Aluminum Flat Bed, 300 Tank	
<b>PB03</b>	Metro Brush Truck, Ford F550 2Dr, Aluminum Flat Bed, 300 Tank	

<b>PB04</b>	Metro Brush Truck, Ford F650 2Dr, Aluminum Flat Bed, 300 Tank	
<b>C. Pumper Fire Apparatus</b>		
<b>PC01</b>	Metro Mini-Pumper, Ford F550 2Dr, Aluminum Body, 1250gpm pump, 500 Tank	
<b>PC02</b>	Metro CAFS Mini-Pumper, Ford F550 2Dr, Aluminum Body, 1250gpm pump, 500 Tank	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>PD01</b>	Metro Light Rescue, Ford F550 2Dr, Aluminum Body, Non-Walk-In	
<b>PD02</b>	International 4400, 2-Door, OEM Cab, Single Axle, Aluminum Body, Non-Walk-In Rescue	
<b>PD03</b>	Spartan, Full-Tilt, Aluminum Cab, Single Axle, Aluminum Body, Non-Walk-In Body	
<b>PD04</b>	International 4400, 2-Door, OEM Cab, Single Axle, Aluminum Body, Walk-In Rescue	
<b>PD05</b>	Spartan, Full-Tilt, Aluminum Cab, Single Axle, Aluminum Body, Walk-In Body	
<b>Q. Midwest Fire</b>		
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>QB01</b>	Midwest Fire Brush Unit - F-550 Diesel, Aluminum Flatbed, Pump and Roll Capabilities, 400 GPM portable pump, 250 gallons, Regular Cab, 60" CA	
<b>QB02</b>	Midwest Fire Brush Unit - F-550 Diesel, Aluminum Flatbed, Pump and Roll Capabilities, 400 GPM portable pump, 250 gallons, Regular Cab, 84" CA	
<b>QB03</b>	Midwest Fire <i>All-Poly</i> Quick Attack - F-550 Diesel, Regular Cab, 400 GPM portable pump, 250 gallons, ROM Doors, 84" CA	
<b>C. Pumper Fire Apparatus</b>		
<b>QC01</b>	Midwest Fire <i>All-Poly</i> Pumper, 1000 Gallon, Rescue Style Lockers, Freightliner M2 Regular Cab, 1250 GPM Pump, Side Mounted Pump, Single Axle	
<b>QC02</b>	Midwest Fire <i>All-Poly</i> Pumper, 1000 Gallon, Rescue Style Lockers, Freightliner M2 Crew Cab, 1250 GPM Pump, Side Mounted Pump, Single Axle	
<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>QE01</b>	Midwest Fire <i>All-Poly</i> Tanker-Pumper, 2000 Gallon, Freightliner M2, 1000 GPM PTO, Pump and Roll, Single Axle	
<b>QE02</b>	Midwest Fire <i>All-Poly</i> Tanker-Pumper, 3000 Gallon, Freightliner M2, 1000 GPM PTO, Pump and Roll, Tandem Axle	
<b>QE03</b>	Midwest Fire <i>All-Poly</i> Tanker, 2000 Gallon, Freightliner M2, 750 GPM PTO pump, Pump and Roll, Single Axle, Under 30'	
<b>QE04</b>	Midwest Fire <i>All-Poly</i> Tanker, 3000 Gallon, Freightliner M2, 250 GPM portable pump, pump and roll	
<b>R. Nevada Pacific Fire &amp; Safety Inc.</b>		
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>RB01</b>	Brush Fire Apparatus, Ford F-450, 2 door, gas engine Steel Flatbed	
<b>RB02</b>	Brush Fire Apparatus Ford F-550, 2 Door, Gas Engine, Steel Flatbed w/ work stations	
<b>RB03</b>	Brush Fire Apparatus, Ford F-550 2 Dr, Diesel engine Extruded Aluminum Flatbed w/ Aluminum compartments	
<b>RB04</b>	Brush Fire Apparatus, Ford F-550, 2 Dr, Diesel engine Ply-Utility Body	
<b>RB05</b>	Brush Fire Apparatus, Ford F-550 2 Door, Diesel Engine, with Aluminum Flatbed w/ work stations, Aluminum Compartments	
<b>RB06</b>	Ford F-550 XL 4x4, 2-Dr, Gas Engine, 60" CA, Brush Truck, Aluminum flatbed and compartments 300 Gallon Tank, Water Pump, 200gpm Pump.	

<b>RB07</b>	Ford F-550 XL 4X4, 2-Dr.,60" CA, Gas engine Brush Truck, Aluminum flatbed w/ Poly Compartment., 300 Gallon Tank, 240 gpm water pump.	
<b>RB08</b>	Ford F-550 XL 4x4 Crew Cab, Diesel Engine, 60" CA, 9' Multi-Purpose Brush Truck, Aluminum flatbed 300 Gallon Tank, 300 gpm Water Pump.	
<b>RB09</b>	Ford F-550 XL 4x4, 2-Dr, Diesel Engine, 165" WB, 12' Rescue Brush Truck, 300 Gallon Tank, Diesel Driven 220 gpm Water Pump.	
<b>RB10</b>	Brush Fire Apparatus, Ford F-550, 60" CA, Crew Cab, Diesel Engine Steel Flatbed W/ work stations and Aluminum cabinets, 300 gal drop in tank 200 gpm pump	
<b>RB11</b>	Brush Fire Apparatus, Ford F-550, Crew Cab, Diesel Engine 60" CA Aluminum Flatbed with work stations and Poly cabinets, 300 gal drop in tank 200 gpm pump	
<b>RB12</b>	Brush Fire Apparatus, Ford F-550, 60" CA, 2 Door, Gas Engine, Steel Flatbed W/ work stations and Aluminum cabinets, 300 gal drop in tank 200 gpm pump	
<b>RB13</b>	Self-Contained Slip-In Unit, Fire skid unit 11hp Honda pump 200gal tank hose reel with hose (option foam cell system & gallon tank sizes).	
<b>RB14</b>	Self-Contained Slip-In-Unit, Fire skid unit 19 hp diesel pump 300 gal tank hose reel with hose, (option foam cell system & gallon tank sizes)	
<b>RB15</b>	Self-Contained Slip-In-Unit, Fire skid unit 20 hp gasoline pump 400 gal tank hose reel with hose, (option foam cell system & gallon tank sizes)	
<b>RB16</b>	Self-Contained Slip-In-Unit, Fire skid unit 20 hp gasoline pump 400 gal tank hose reel with hose, (option foam cell system & gallon tank sizes)	
<b>RB17</b>	Self-Contained Slip-In-Unit, Fire skid unit CAFS 400gal tank(STORED ENERGY) hose reel with hose (potion foam cell system & purple K, & gallon tank sizes).	
<b>RB18</b>	Self-Contained Glider Kit Aluminum flatbed, Poly comartments, 300 gal Tank 200gpm pump.	
<b>RB19</b>	Self-Contained Glider Kit Aluminum flat bed, w/ Poly compartments, 300 gal Tank, 200gpm pump	
<b>RB20</b>	Self-Contained Glider Kit Aluminum flatbed, Aluminum compartments, 300 gal Tank 200gpm pump.	
<b>RB21</b>	Brush fire apparatus Freighliner M2-106 4WD <b>standard cab</b> with aluminum flatbed, aluminum compartments, 800 gallon tank, Diesel 300 gpm pump. Emergency lighting packag.	
<b>RB22</b>	Brush fire apparatus Freighliner M2-106 4WD <b>EXTENDED cab</b> with aluminum flatbed, aluminum compartments, 800 gallon tank, Diesel 300 gpm pump. Emergency lighting packag.	
<b>RB23</b>	Brush fire apparatus Freighliner M2-106 4WD <b>CREW CAB</b> with aluminum flatbed, aluminum compartments, 800 gallon tank, Diesel 300 gpm pump. Emergency lighting packag.	
<b>S. OshKosh</b>		
<b>F. Airport Rescue Fire-Fighting Vehicles</b>		
<b>SF01</b>	Oshkosh Striker 4x4, 2-Door, Aluminum Cab, 2 Passenger Seating, Roof Turret (375/750 gpm), bumper Turret (300 gpm), One Handline (Foam/Water), Water Tank Capacity (1500 gal.), Foam Tank Capacity (210 gal.), Fire Pump (Power divider driven Waterous CRQA, Single Stage Centrifugal, 1950 gpm at 240 psi)	
<b>SF02</b>	Oshkosh Striker 6x6, 2-Door, Aluminum Cab, 2 Passenger Seating, Roof Turret (600/1200 gpm), bumper Turret (300 gpm), One Handline (Foam/Water), Water Tank Capacity (3000 gal.), Foam Tank Capacity (420 gal.), Fire Pump (Power divider driven Waterous CRQA, Single Stage Centrifugal, 1950 gpm at 240 psi)	
<b>SF03</b>	Oshkosh Striker 8x8, 2-Door, Aluminum Cab, 2 Passenger Seating, Roof Turret (600/1200 gpm), bumper Turret (300 gpm), One Handline (Foam/Water), Water Tank Capacity (4500 gal.), Foam Tank Capacity (420 gal.), Fire Pump (Power divider driven Waterous CRQA, Single Stage Centrifugal, 1950 gpm at 240 psi)	

SF04	Oshkosh New Generation Striker 8x8, 2-Door, Aluminum Cab, 2 Passenger Seating, Roof Turret (600/1200 gpm), bumper Turret (300 gpm), One Handline (Foam/Water), Water Tank Capacity (4500 gal.), Foam Tank Capacity (420 gal.), Fire Pump (Waterous CRQA, Single Stage Centrifugal, 1950 gpm at 240 psi), dual engine driveline	
SF05	Oshkosh Stinger Class 2 ARFF vehicle; 2-Door Ford 4x4 F550 Cab/chassis, 2 Passenger Seating, Bumper Turret, one (1) twin agent handline, Water Tank Capacity (300 gal.), Foam Tank Capacity (40 gal.), Dry Chemical 500 pounds.	
<b>T. Pierce</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		
TA01	Pierce Enforcer Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 75' Rear-Mounted Telescoping Ladder (500#)	
TA02	Pierce Enforcer Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 75' Rear-Mounted Telescoping Ladder (500#)	
TA03	Pierce Enforcer Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 107' Rear-Mounted Telescoping Ladder	
TA04	Pierce Enforcer Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Rear Axle, 107' Rear-Mounted Telescoping Ladder	
TA05	Pierce Enforcer Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Rear Axle, 110' Rear-Mounted Telescoping Platform	
TA06	Pierce Enforcer Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 105' Rear-Mounted Telescoping Ladder (500#)	
TA07	Pierce Arrow Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 100' Mid-Mounted Telescoping Ladder (#500)	
TA08	Pierce Arrow Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 85' Rear-Mounted Telescoping Ladder with Platform (750#)	
TA09	Pierce Arrow Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 95' Mid-Mounted Telescoping Ladder with Platform (750#)	
TA10	Pierce Arrow Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Tandem Axle, 100' Rear-Mounted Telescoping Ladder with Platform (750#)	
TA11	Pierce Arrow Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 100' Tractor Drawn - Mid-Mounted Telescoping Ladder (#500)	
TA12	Pierce Arrow Chassis, 4-Door Full Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 107' Tractor Drawn - Mid-Mounted Telescoping Ladder (#500)	
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
TB01	Pierce Brush Fire Apparatus, Ford F450, Formed Aluminum Utility Body	
TB02	Pierce Brush Fire Apparatus, Ford F-550 Mini Pumper 500 gpm, 300 tank	
TB03	Freightliner 4-Door 4 x 4 Wildland, 500 water, 1000 gpm Pump	
<b>C. Pumper Fire Apparatus</b>		
TC01	M2 Freightliner, 2-Door, OEM Cab, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	
TC02	IHC, 2-Door, OEM Cab, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	



TC03	KW, 2-Door, OME Cab, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	
TC04	Peterbilt, 2-Door, OME Cab, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	
TC05	Pierce Saber FR, 4-Door, Full-Tilt, Aluminum Cab, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	
TC06	Pierce Enforcer, 4-Door, Full-Tilt, Aluminum Cab, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	
TC07	Pierce Dash CF, 4-Door, Full-Tilt, Aluminum Cab, Aluminum Body, Single Axle, 1250 GPM Pump, PUC Body Pumper	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
TD01	Ford F-550 4- Door, 12 'Non-Walk-in Formed Aluminum Body	
TD02	M2 Freightliner, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Non-Walk-In Body	
TD03	IHC, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Non-Walk-In Body	
TD04	Kenworth, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Non-Walk-In Body	
TD05	Peterbilt, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Non-Walk-In Body	
TD06	Pierce Saber FR, Full-Tilt, Aluminum Cab, Single Axle, Formed Aluminum Body, Non-Walk-In HDR Body	
TD07	Pierce Enforcer 4-Door, Aluminum Cab, Single Axle, Formed Aluminum Body, Non Walk-in HDR Body	
TD08	Pierce Velocity 4-Door Aluminum Cab, Tandem Axle Non-Walk-in HDR Body	
TD09	M2 Freightliner, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Walk-In Body	
TD10	IHC, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Walk-In Body	
TD11	Kenworth, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Walk-In Body	
TD12	Peterbilt, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Walk-In Body	
TD13	Pierce Enforcer 4-Door, Full Tilt, Aluminum Cab, Single Axle, Formed Aluminum Body, Walk-in HDR Body	
TD14	Pierce Velocity 4-Door Aluminum Cab, Tandem Axle Walk-in HDR Body	
<b>E. Pumper/Tankers &amp; Tankers</b>		
TE01	Freightliner 2 Door, Single Axle Tanker, Aluminum Body w/2000 water & 500 pump	
TE02	IHC 2dr Single Axle Tanker, Aluminum Body w/2000 water & 500 pump	
TE03	Kenworth 2dr Single Axle Tanker, Aluminum Body w/2000 water & 500 pump	
TE04	Peterbilt 2dr Single Axle Tanker, Aluminum w/2000 water & 500 pump	
TE05	Pierce Saber FR, 4-Door, Full-Tilt, Aluminum Cab, Pumper/Tanker, Aluminum Body, Single Axle, 1000 GPM Pump, Mid-Mounted	
TE06	Pierce Enforcer, 4-Door, Full-Tilt, Aluminum Cab, Pumper/Tanker, Aluminum Body, Tandem Axle, 1000 GPM Pump, Mid-Mounted	
TE07	Freightliner 2dr, Tandem Axle Tanker, Aluminum Body w/3000 water & 500 pump	
TE08	IHC 2dr Tandem Axle Tanker, Aluminum Body w/3000 water & 500 pump	
TE09	Kenworth 2dr Tandem Axle Tanker, Aluminum Body w/3000 water & 500 pump	

<b>TE10</b>	Peterbilt 2dr Tandem Axle Tanker, Aluminum w/3000 water & 500 pump	
<b>TE11</b>	Pierce Saber FR, 4-Door, Full-Tilt, Aluminum Cab, Aluminum Body, Single Axle, 1000 GPM Pump, Mid-Mounted Elliptical Tanker	
<b>TE12</b>	Pierce Enforcer, 4-Door, Full-Tilt, Aluminum Cab, Aluminum Body, Tandem Axle, 1000 GPM Pump, Mid-Mounted Elliptical Tanker	
<b>U. Rosenbauer</b>		
<b>F. Airport Rescue Fire-Fighting Vehicles</b>		
<b>UF01</b>	Rosenbauer Panther 1500, 2-Door, Aluminum Cab, High Performance Off Road suspension, 3 Passenger Seating, Roof Turret (375/750 gpm), bumper Turret (300 gpm), One (1) left side pre-connected Handline (Foam/Water) one (1) right side twin agent handline, Water Tank Capacity (1500 gal.), Foam Tank Capacity (200 gal.), Dry Chemical 500 pounds, Fire Pump (Power divider driven Rosenbauer N80, Dual Stage Centrifugal high pressure, 2100 gpm)	
<b>UF02</b>	Rosenbauer Panther 3000, 2-Door, Aluminum Cab, High Performance Off Road suspension, 3 Passenger Seating, Roof Turret (600/1200 gpm), bumper Turret (300 gpm), One (1) left side pre-connected Handline (Foam/Water) one (1) right side twin agent handline, Water Tank Capacity (3000 gal.), Foam Tank Capacity (400 gal.), Dry Chemical 500 pounds, Fire Pump (Power divider driven Rosenbauer N80, Dual Stage Centrifugal high pressure, 3100 gpm)	
<b>UF03</b>	Rosenbauer Panther 3000 with HRET, 2-Door, Aluminum Cab, High Performance Off Road suspension, 2 Passenger Seating, 1000 gpm High Reach Extendable turret (500/1000 gpm), bumper Turret (300 gpm), One (1) left side pre-connected Handline (Foam/Water) one (1) right side twin agent handline, Water Tank Capacity (3000 gal.), Foam Tank Capacity (400 gal.), Dry Chemical 500 pounds, Fire Pump (Power divider driven Rosenbauer N80, Dual Stage Centrifugal high pressure, 2100 gpm)	
<b>UF04</b>	Rosenbauer Airwolf C2 2-Door Ford 4x4 F550 Cab/chassis, 2 Passenger Seating, bumper Turret, one (1) twin agent handline, Water Tank Capacity (300 gal.), Foam Tank Capacity (40 gal.), Dry Chemical 500 pounds, Fire Pump 250 gpm	
<b>UF05</b>	Rosenbauer Airwolf C3 2-Door International 7400 4x4 Cab/chassis, 2 Passenger Seating, bumper Turret, one (1) twin agent handline, Water Tank Capacity (500 gal.), Foam Tank Capacity (60 gal.), Dry Chemical 500 pounds, Fire Pump 250 gpm	
<b>V. Rosenbauer Minnesota LLC</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		
<b>VA01</b>	Rosenbauer Commander, 4-Door Tilt Cab, Extruded Aluminum Body, Single Axle, 78' Rear Mount Steel Ladder	
<b>VA02</b>	Rosenbauer Commander, 4-Door Tilt Cab, Extruded Aluminum Body, Tandem Axle, 78' Rear Mount Steel Ladder	
<b>VA03</b>	Rosenbauer Commander, 4-Door Tilt Cab, Extruded Aluminum Body, Tandem Axle, 100' Rear Mount Steel Ladder	
<b>VA04</b>	Rosenbauer Commander, 4-Door Tilt Cab, Extruded Aluminum Body, Tandem Axle, 109' Rear-Mount Steel Ladder	
<b>VA05</b>	Rosenbauer Commander, 4-Door Tilt Cab, Extruded Aluminum Body, Tandem Axle, 100' Mid-Mount Steel Ladder	
<b>VA06</b>	Rosenbauer Commander, 4-Door Tilt Cab, Extruded Aluminum Body, Tandem Axle, 101' Rear Mount Steel Platform	
<b>VA07</b>	Rosenbauer Commander, 4-Door Tilt Cab, Extruded Aluminum Body, Tandem Axle, 104' Rear Mount Steel Platform	
<b>VA08</b>	Rosenbauer Commander, 4-Door Tilt Cab, Extruded Aluminum Body, Tandem Axle, 100' Mid Mount Steel Platform	
<b>VA09</b>	Rosenbauer Commander, 4-Door Tilt Cab, Extruded Aluminum Body, Single Axle, 104' Tractor Drawn Steel Ladder	
<b>VA10</b>	Rosenbauer Commander, 4-Door Tilt Cab, Extruded Aluminum Body, Single Axle, 65' Rear Mount Steel Ladder	
<b>VA11</b>	Rosenbauer Commander, 4-Door Tilt Cab, Extruded Aluminum Body, Single Axle, 51' Rear Mount Boom	
<b>VA12</b>	Rosenbauer Commander, 4-Door Tilt Cab, Extruded Aluminum Body, Single Axle, 68' Rear Mount Boom	

VA13	Rosenbauer Commander, 4-Door Tilt Cab, Extruded Aluminum Body, Single Axle, 102' Raptor Rear Mount Ladder	
VA14	Rosenbauer Commander, 4-Door Tilt Cab, Extruded Aluminum Body, Tandem Axle, 114' Articulating-Telescoping T-REX Platform	
<b>B. Wildland Fire Apparatus</b>		
VB01	IH 4400, 4x4, 2-Door, OEM Timberwolf, Pumper, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Rear Mount	
<b>C. Pumper Fire Apparatus</b>		
VC01	M2 Freightliner, 2-Door, OEM, Pumper, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Side-Mounted Pumper	
VC02	IH4400, 2-Door, OEM, Pumper, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Side-Mounted Pumper	
VC03	Peterbilt, 2-Door, OEM, Pumper, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Side-Mounted Pumper	
VC04	Rosenbauer Commander, 4-Door Full-Tilt, Aluminum Pumper, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Side-Mounted Pumper	
VC05	Rosenbauer Commander, 4-Door Full-Tilt, Aluminum Pumper, Extruded Aluminum Body, Single Axle, 1500 GPM Pump, Side-Mounted Pumper	
VC06	Rosenbauer Commander, 4-Door Full-Tilt, Aluminum Pumper, Extruded Aluminum Body, Single Axle, 1500 GPM Pump, Rear-Mounted Pumper	
VC07	Ford F550, 4x2, 2-Door OEM Cab, Mini Pumper, Formed Aluminum Body, 500 GPM PTO Pump, Side Mounted	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
VD01	M2 Freightliner, 2-Door, OEM Cab, Single Axle, Extruded Aluminum Body, Non-Walk-In Body	
VD02	IH4400, 2-Door, OEM Cab, Single Axle, Extruded Aluminum Body, Non-Walk-In Body	
VD03	M2 Freightliner, 2-Door, OEM Cab, Tandem Axle, Extruded Aluminum Body, Non-Walk-In Body	
VD04	Ford F-550, 2-Door, OEM Ccab, Single Axle, Extruded Aluminum Body, Non-Walk-In Body	
VD05	Rosenbauer Commander, 4-Door Full-Tilt, Aluminum Cab, Single Axle, Extruded Aluminum Body, Non-Walk-In Body	
VD06	Rosenbauer Commander, 4-Door Full-Tilt, Aluminum Cab, Tandem Axle, Extruded Aluminum Body, Non-Walk-In Body	
VD07	M2 Freightliner, 2-Door, OEM Cab, Single Axle, Extruded Aluminum Body, Walk-In Body	
VD08	IH4400, 2-Door, OEM Cab, Single Axle, Extruded Aluminum Body, Walk-In Body	
VD09	M2 Freightliner, 2-Door, OEM Cab, Tandem Axle, Extruded Aluminum Body, Walk-In Body	
VD10	Rosenbauer Commander, 4-Door Full-Tilt, Aluminum Cab, Single Axle, Extruded Aluminum Body, Walk-In Body	
VD11	Rosenbauer Commander, 4-Door Full-Tilt, Aluminum Cab, Tandem Axle, Extruded Aluminum Body, Walk-In Body	
<b>E. Pumper/Tankers &amp; Tankers</b>		
VE01	M2 Freightliner, 2-Door, OEM Cab, Pumper/Tanker, Extruded Aluminum Body, 1800 Gallon Tank, Single Axle, 1250 GPM Pump, Mid-Mounted	
VE02	IH4400, 2-Door, OEM Cab, Pumper/Tanker, Extruded Aluminum Body, 1800 Gallon Tank, Single Axle, 1250 GPM Pump, Mid-Mounted	
VE03	M2 Freightliner, 2-Door, OEM Cab, Pumper/Tanker, Extruded Aluminum Body, 2000 Gallon Tank, Tandem Axle, 1250 GPM Pump, Mid-Mounted	
VE04	Rosenbauer Commander, 4-Door Full-Tilt, Aluminum Cab, Pumper/Tanker, Extruded Aluminum Body, 1800 Gallon Tank, Single Axle, 1250 GPM Pump, Mid-Mounted	
VE05	Rosenbaue Commander, 4-Door Full-Tilt, Aluminum Cab, Pumper/Tanker, Extruded Aluminum Body, 2000 Gallon Tank, Tandem Axle, 1250 GPM Pump, Mid-Mounted	
<b>W. Rosenbauer South Dakota LLC</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		

<b>WA01</b>	Rosenbauer Commander 4-Door Tilt Cab, Formed Aluminum Body, Single Axle, 78' Rear Mount Steel Ladder	
<b>WA02</b>	Rosenbauer Commander 4-Door Tilt Cab, Formed Aluminum Body, Tandem Axle, 78' Rear Mount Steel Ladder	
<b>WA03</b>	Rosenbauer Commander 4-Door Tilt Cab, Formed Aluminum Body, Tandem Axle, 100' Rear Mount Steel Ladder	
<b>WA04</b>	Rosenbauer Commander 4-Door Tilt Cab, Formed Aluminum Body, Tandem Axle, 109' Rear Mount Steel Ladder	
<b>WA05</b>	Rosenbauer Commander 4-Door Tilt Cab, Formed Aluminum Body, Tandem Axle, 100' Mid-Mount Steel Ladder	
<b>WA06</b>	Rosenbauer Commander 4-Door Tilt Cab, Formed Aluminum Body, Tandem Axle, 101' Rear Mount Steel Platform	
<b>WA07</b>	Rosenbauer Commander 4-Door Tilt Cab, Formed Aluminum Body, Tandem Axle, 104' Rear Mount Steel Platform	
<b>WA08</b>	Rosenbauer Commander 4-Door Tilt Cab, Formed Aluminum Body, Tandem Axle, 100' Mid-Mount Steel Platform	
<b>WA09</b>	Rosenbauer Commander 4-Door Tilt Cab, Formed Aluminum Body, Single Axle, 65' Rear Mount Steel Ladder	
<b>WA10</b>	Rosenbauer Commander 4-Door Tilt Cab, Formed Aluminum Body, Single Axle, 51' Rear Mount Boom	
<b>WA11</b>	Rosenbauer Commander 4-Door Tilt Cab, Formed Aluminum Body, Single Axle, 68' Rear Mount Boom	
<b>WA12</b>	Rosenbauer Commander 4-Door Tilt Cab, Formed Aluminum Body, Single Axle 75'Mid Mount Steel Ladder	
<b>WA13</b>	Rosenbauer Commander 4-door Tilt Cab, Formed Aluminum Body, Single Axle, 75' Mid Mount Steel Platform	
<b>WA14</b>	M2 Freightliner, 2-Door OEM Cab, Formed Aluminum Body, Single Axle, 51' Rear Mount Boom	
<b>B. Wildland Fire Apparatus</b>		
<b>WB01</b>	M2 Freightliner, 4x4, 2-Door OEM Cab, WILDLAND Pumper, FX Formed Aluminum Body, Single Axle, 1000 GPM Pump, Side Mounted	
<b>WB02</b>	M2 Freightliner, 4x4, 2-Door OEM Cab, WILDLAND CT Pumper, Formed Stainless Steel Body, Single Axle, 1000 GPM Pump, Rear Mounted	
<b>WB03</b>	IH4400, 4x4, 2-Door OEM Cab, WILDLAND Pumper, FX Formed Aluminum Body, Single Axle, 1000 GPM Pump, Side Mounted	
<b>WB04</b>	IH4400, 4x4, 2-Door OEM Cab, WILDLAND CT Pumper, Formed Stainless Steel Body, Single Axle, 1000 GPM Pump, Rear Mounted	
<b>WB05</b>	M2 Freightliner, 4x4, 2-Door OEM Cab, MAVERICK Pumper, Aluminum Body, Single Axle, 1000 GPM Pump, 1500 Gallon Tank	
<b>WB06</b>	IH4400, 4x4, 2-Door OEM Cab, MAVERICK Pumper, Aluminum Body, Single Axle, 1000 GPM Pump, 1500 Gallon Tank	
<b>WB07</b>	Ford F550, 4x4, 2-Door OEM Cab, , Wildland Aluminum Huck Bolt Body, 200 GPM Pump, 300 Gallon Tank	
<b>C. Pumper Fire Apparatus</b>		
<b>WC01</b>	M2 Freightliner, 2-Door OEM Cab, Pumper, Formed Aluminum Body, Single Axle 1250 GPM Pump, Side Mounted	
<b>WC02</b>	IH4400, 2-Door OEM Cab, Pumper, Formed Aluminum Body, Single Axle, 1250GPM Pump, Side Mounted	
<b>WC03</b>	Peterbilt, 2-Door OEM Cab, Pumper, Formed Aluminum Body, Single Axle, 1250 GPM Pump, Side Mounted	
<b>WC04</b>	M2 Freightliner, 2-Door OEM Cab, Firestar Pumper, Formed Aluminum Body, Single Axle 1250 GPM Pump, Side Mounted	
<b>WC05</b>	Rosenbauer Commander, 4-Door Full-Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 1250 GPM Pump, Side Mounted	
<b>WC06</b>	Rosenbauer Commander, 4-Door Full-Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 1250 GPM Pump, Rear Mounted	
<b>WC07</b>	Rosenbauer Commander, 4-Door Full-Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 1500 GPM Pump, Side Mounted	

<b>WC08</b>	Rosenbauer Commander, 4-Door Full-Tilt Aluminum Cab, Formed Aluminum Body, Single Axle, 1500 GPM Pump, Rear Mounted	
<b>WC09</b>	Rosenbauer Warrior, 4-Door Full-Tilt, Aluminum Cab, Formed Aluminum Body, Single Axle, 1250 GPM Pump, Side Mounted	
<b>WC10</b>	Ford F550, 4x2, 2-Door OEM Cab, Mini Pumper, Formed Aluminum Body, 500 GPM PTO Pump, Side Mounted	
<b>WC11</b>	IH TERRASTAR, 4x4, 2-Door OEM Cab, Mini Pumper, Formed Aluminum Body, 500 GPM PTO Pump, Side Mounted	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>WD01</b>	M2 Freightliner, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Non-Walk-In Body	
<b>WD02</b>	IH4400, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Non-Walk-In Body	
<b>WD03</b>	Rosenbauer Commander, 4-Door, Full-Tilt, Aluminum Cab, Single Axle, Formed Aluminum Body, Non-Walk-In Body	
<b>WD04</b>	Rosenbauer Commander, 4-Door, Full-Tilt, Aluminum Cab, Tandem Axle, Formed Aluminum Body, Non-Walk-In Body	
<b>WD05</b>	M2 Freightliner, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Walk-In Body	
<b>WD06</b>	IH4400, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Walk-In Body	
<b>WD07</b>	Rosenbauer Commander, 4-Door, Full-Tilt, Aluminum Cab, Single Axle, Formed Aluminum Body, Walk-In Body	
<b>WD08</b>	Rosenbauer Commander, 4-Door, Full-Tilt, Aluminum Cab, Tandem Axle, Formed Aluminum Body, Walk-In Body	
<b>WD09</b>	Ford F-550, 2-Door, OEM Cab, Single Axle, Formed Aluminum Body, Non-Walk-In Body	
<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>WE01</b>	M2 Freightliner, 2-Door, OEM Cab, Pumper/Tanker, Formed Aluminum Body, 1800 Gallon Tank, Single Axle, 1250 GPM Pump, Mid-Mounted	
<b>WE02</b>	M2 Freightliner, 2-Door, OEM Cab, Pumper/Tanker, Formed Aluminum Body, 2000 Gallon Tank, Tandem Axle, 1250 GPM Pump, Mid-Mounted	
<b>WE03</b>	IH4400, 2-Door, OEM Cab, Pumper/Tanker, Formed Aluminum Body, 1800 Gallon Tank, Single Axle, 1250 GPM Pump, Mid-Mounted	
<b>WE04</b>	IH7400, 2-Door, OEM Cab, Pumper/Tanker, Formed Aluminum Body, 2000 Gallon Tank, Tandem Axle, 1250 GPM Pump, Mid-Mounted	
<b>WE05</b>	Kenworth T300, 2-Door, OEM Cab, Pumper/Tanker, Formed Aluminum Body, 1800 Gallon Tank, Single Axle, 1250 GPM Pump, Mid-Mounted	
<b>WE06</b>	Kenworth T300, 2-Door, OEM Cab, Pumper/Tanker, Formed Aluminum Body, 2000 Gallon Tank, Tandem Axle, 1250 GPM Pump, Mid-Mounted	
<b>WE07</b>	Rosenbauer Commander, 4-Door Full-Tilt, Aluminum Cab, Pumper/Tanker, Formed Aluminum Body, 1800Gallon Tank, Single Axle, 1250 GPM Pump, Mid-Mounted	
<b>WE08</b>	Rosenbauer Commander, 4-Door Full-Tilt, Aluminum Cab, Pumper/Tanker, Formed Aluminum Body, 2000 Gallon Tank, Tandem Axle, 1250 GPM Pump, Mid-Mounted	
<b>WE09</b>	M2 Freightliner, 2-Door, OEM Cab, Wet Side Tanker, Formed Aluminum Body, 3000 Gallon Tank, Tandem Axle, 1250 GPM Pump, Mid-Mounted	
<b>X. Seagrave</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		
<b>XA01</b>	Seagrave Marauder II Custom 4-Door Full Tilt Stainless Steel Cab and Body, Single Axle, 75' Rear Mount Ladder (Meanstick) Telescoping Ladder (500#)	
<b>XA02</b>	Seagrave Marauder II Custom 4-door Full Tilt Stainless Steel Cab and Body, Tandem Axle, 100' Rear Mount Ladder Telescoping (500#)	
<b>XA03</b>	Seagrave Marauder II Custom 4-door Full Tilt Stainless Steel Tractor and Body, Single Axle, 100' Tractor Drawn Aerial - Mid Mounted Telescoping Ladder (250#)	
<b>XA04</b>	Seagrave Marauder II Custom 4-door Full Tilt Stainless Steel Tractor and Body, Single Axle, 100' Tractor Drawn Aerial - Mid Mounted Telescoping Ladder (500#)	
<b>XA05</b>	Seagrave Marauder II Custom 4-door Full Tilt Stainless Steel Cab and Body, Tandem Axle, 105' Rear Mount Telescoping Ladder Platform (1200#)	

<b>XA06</b>	Seagrave Marauder II Custom 4-door Full Tilt Stainless Steel Cab and Body, Tandem Axle, 75' Mid Mounted Telescoping Platform (1000#) - Aerialscope	
<b>XA07</b>	Seagrave Marauder II Custom 4-Door Full Tilt Stainless Steel Cab and Body, Tandem Axle, 95' Mid Mount Telescoping Platform (1000#) - Aerialscope	
<b>XA08</b>	Seagrave Marauder II Custom 4-Door Full Tilt Stainless Steel Cab and Body, Single Axle, 60' Articulating Water Tower.	
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>XB01</b>	Ford F550, 2-Door, OEM Cab, 4x4, Brush Truck, Aluminum Bed with Aluminum Compartments	
<b>XB02</b>	Freightliner, 4-Door, OEM Cab, 4 x 4, Wildland Pumper, Polyprene Body, 1250 GPM Pump, Side Mount	
<b>XB03</b>	Freightliner, 4-Door, OEM Cab, 4 x 4, Wildland Pumper, Stainless Steel Body, 1250 GPM Pump, Side Mount	
<b>C. Pumper Fire Apparatus</b>		
<b>XC01</b>	Seagrave Marauder II, Custom 4-Door Full Tilt Stainless Steel Cab and Body, Single Rear Axle, 1500 GPM Pump, Mid Mounted Pump	
<b>XC02</b>	Freightliner, 4-Door, OEM Cab, Aluminum Body, Single Axle, 1250 GPM Pump, Mid Mounted Pump	
<b>XC03</b>	Freightliner, 2-Door, OEM Cab, Polyprene Body, Single Axle, 1250 GPM Pump, Mid Mounted Pump	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>XD01</b>	Seagrave Marauder II Custom 4-Door Full Tilt Stainless Steel Cab and Body, Single Axle, Non-Walk-In Body	
<b>XD02</b>	Freightliner, 2-Door, OEM Cab, Single Axle, Polyprene Rescue, Non-Walk-In Body	
<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>XE01</b>	Seagrave Marauder II Custom 4-Door Full Tilt Stainless Steel Cab and Body, Tandem Axle, 1500 GPM Pump, Mid Mounted Pump, 2000 Gallon Tank	
<b>XE02</b>	Freightliner, 2-Door, OEM Cab, Polyprene Body, Single Axle, PTO Pump, Side Mount, 2000 Gallon Tank	
<b>XE03</b>	Freightliner, 2-Door, OEM Cab, Polyprene Body, Tandem Axle, PTO Pump, Side Mount, 3000 Gallon Tank	
<b>XE04</b>	Freightliner, 2-Door, OEM Cab, Polyprene Body, Tandem Axle, Gas Pump, 3000 Gallon Tank	
<b>Y. Skeeter</b>		
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>YB01</b>	Slip In Unit: Complete Slip in firefighting package for flatbed or pickup bed. Heavy Duty frame, 200 GPM pump, 300 gallon poly tank. 150' hose reel. Hose Tray. Stainless steel plumbing.	
<b>YB02</b>	Skeeter Type 3 or 4 F-650: Brush unit, Large (33,000 gvw). Custom firefighting body. 750 gallon poly tank. 200-750 gpm pump. 150' hose reel. Stainless steel plumbing. Hose tray. Tool tray. Side body compartments.	
<b>YB03</b>	Skeeter Type 5 F-550: Brush unit, Medium (19,500 gvw). Custom firefighting body. 400 gallon poly tank. 200 gpm pump. 150' hose reel. Stainless steel plumbing. Hose tray. Tool tray. Side body compartments.	
<b>YB04</b>	Skeeter Type 6 F-350: Brush unit, Small (13,000 gvw). Custom firefighting body. 300 gallon poly tank. 200 gpm pump. 150' hose reel. Stainless steel plumbing. Hose tray. Tool tray. Side body compartments.	
<b>YB05</b>	Type 5 Ram 5500 (19,000 GVW) Brush Unit Medium – 400 gallons/200 GPM pump. Hose Reel.	
<b>YB06</b>	Type 6 Ram 3500 (12,500 GVW) Brush Unit Small – 300 gallons/200 GPM pump. Hose Reel	
<b>YB07</b>	Type 3 International 7400 (35,000 GVW) Brush Unit Large – 750 gallons/200-750 GPM Pump. Hose reel.	
<b>YB08</b>	Type 3 Freightliner M2 (37,000 GVW) Brush Unit Large – 750 gallons/200-750 GPM Pump. Hose reel.	

<b>YB09</b>	Squad Rescue Ford F-450 - Small Rescue Body with (2) Front Vertical Compartments, (2) Rear Vertical Compartments and (2) Center Compartments	
<b>YB10</b>	Squad Rescue Ram - 4500 Small Rescue Body with (2) Front Vertical Compartments, (2) Rear Vertical Compartments and (2) Center Compartments	
<b>Z. Smeal</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		
<b>ZA01</b>	75' Rear Mount Telescoping Ladder, Aluminum Body, Spartan Metro Star 4-Door Tilt Cab, Single Axle	
<b>ZA02</b>	75' Rear Mount Telescoping Ladder, Aluminum Body, Spartan Metro Star 4-Door Tilt Cab, Tandem Axle	
<b>ZA03</b>	55' Rear Mount Telescoping Ladder, Aluminum Body, Spartan Metro Star 4-Door Tilt Cab, Single Axle	
<b>ZA04</b>	100' Mid Mount Telescoping Ladder, Aluminum Body, Spartan Gladiator 4-Door Tilt Cab, Tandem Axle	
<b>ZA05</b>	105' Rear Mount Telescoping Ladder, Aluminum Body, Spartan Gladiator 4-Door Tilt Cab, Tandem Axle	
<b>ZA06</b>	110' Rear Mount Telescoping Ladder, Aluminum Body, Spartan Gladiator 4-Door Tilt Cab, Tandem Axle	
<b>ZA07</b>	125' Rear Mount Telescoping Ladder, Aluminum Body, Spartan Gladiator 4-Door Tilt Cab, Tandem Axle	
<b>ZA08</b>	85' Mid-Mount Telescoping Ladder with Platform, Aluminum Body, Spartan Gladiator 4-Door Tilt Cab, Tandem Axle	
<b>ZA09</b>	93' Mid-Mount Telescoping Ladder with Platform, Aluminum Body, Spartan Gladiator 4-Door Tilt Cab, Tandem Axle	
<b>ZA10</b>	100' Rear-Mount Telescoping Ladder with Platform, Aluminum Body, Spartan Gladiator 4-Door Tilt Cab, Tandem Axle	
<b>ZA11</b>	100' Mid-Mount Telescoping Ladder with Platform, Aluminum Body, Spartan Gladiator, 4-Door Tilt Cab, Tandem Axle	
<b>ZA12</b>	100' Tractor Drawn Telescoping Ladder, Aluminum Body, Spartan Gladiator 4-Door Tilt Cab, Single Axle	
<b>ZA13</b>	105' Tractor Drawn Telescoping Ladder, Aluminum Body, Spartan Gladiator 4-Door Tilt Cab, Single Axle	
<b>ZA14</b>	105' Tractor Drawn Telescoping Ladder Quint, Aluminum Body, Spartan Gladiator 4-Door Tilt Cab, Tandem Axle	
<b>ZA15</b>	Squrt 54' Rear Mount Articulating Water Tower , Aluminum Body, Spartan Metro Star 4-Door Tilt Cab, Single Axle	
<b>ZA16</b>	Tele-Squrt 50' Rear Mount Water Tower w/ Ladder, Aluminum Body, Spartan Metro Star 4-Door Tilt Cab, Single Axle	
<b>ZA17</b>	Tele-Squrt 65' Rear Mount Water Tower w/ Ladder, Aluminum Body, Spartan Metro Star 4-Door Tilt Cab, Single Axle	
<b>ZA18</b>	Snorkle 55' Rear Mount Articulating Platform, Aluminum Body, Spartan Metro Star 4-Door Tilt Cab, Single Axle	
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>ZB01</b>	International 4-Door Chassis 4x4, OEM Cab, Aluminum Body, Single Axle, 500 GPM Pump, Mid-Mounted Type III Heavy Wildland Engine.	
<b>ZB02</b>	Spartan Metrostar 4-Door Chassis, Aluminum Body, Single Axle, 1500 GPM Pump, Mid-Mounted Type I Wildland Urban Interface Engine.	
<b>C. Pumper Fire Apparatus</b>		
<b>ZC01</b>	Pumper, Midship, 1250 GPM, Aluminum Body, Freightliner 2-Door Chassis, OEM Cab	
<b>ZC02</b>	Pumper, Midship, 1250 GPM, Aluminum Body, Freightliner 4-Door Chassis, OEM Cab	
<b>ZC03</b>	Pumper, Midship, 1250 GPM, Custom Series, Aluminum Body, Spartan Metro Star 4-Door Chassis, Single Axle, Aluminum Tilt Cab	
<b>ZC04</b>	Pumper, Midship, 1250 GPM, Custom Series, Aluminum Body, Spartan Metro Star 4-Door Chassis, Tandem Axle, Aluminum Tilt Cab	

<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>ZE01</b>	Pumper/Tanker, Midship, 1500 GPM, 1500 Gallon, Aluminum Body, Spartan, Freightliner 2-Door Chassis, Aluminum Tilt Cab, Single Axle	
<b>ZE02</b>	Pumper/Tanker, Midship, 1250 GPM, 3000 Gallon, Aluminum Body, Spartan, Freightliner 2-Door Chassis, Aluminum Tilt Cab, Tandem Axle	
<b>AA. Spartan ERV</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		
<b>AAA01</b>	Spartan Metro Star 4-Door Tilt Cab, Single Axle, Aluminum Body, 55' Rear Mount Telescoping Ladder	
<b>AAA02</b>	Spartan 4-Door Full-Tilt, Aluminum Body, Single Axle, 75' Steel Rear Mounted Telescoping Ladder	
<b>AAA03</b>	Spartan 4-Door Full-Tilt, Aluminum Body, Tandem Axle 75' Steel Rear Mounted Telescoping Ladder	
<b>AAA04</b>	Spartan 4-Door Full-Tilt, Aluminum Body, Tandem Axle, 105' Rear Mounted Telescoping Ladder	
<b>AAA05</b>	Spartan 4-Door Full-Tilt, Aluminum Body, Tandem Axle, 100' Steel Rear Mounted Telescoping Ladder/Platform	
<b>AAA06</b>	Spartan Gladiator 4-Door Tilt Cab, Tandem Axle, Aluminum Body, 110' Rear Mount Telescoping Ladder	
<b>AAA07</b>	Spartan Gladiator 4-Door Tilt Cab, Tandem Axle, Aluminum Body, 125' Rear Mount Telescoping Ladder	
<b>AAA08</b>	Spartan Gladiator 4-Door Tilt Cab, Tandem Axle, Aluminum Body, 100' Mid Mount Telescoping Ladder	
<b>AAA09</b>	Spartan Gladiator 4-Door Tilt Cab, Tandem Axle, Aluminum Body, 85' Mid-Mount Telescoping Ladder with Platform	
<b>AAA10</b>	Spartan Gladiator 4-Door Tilt Cab, Tandem Axle, Aluminum Body, 93' Mid-Mount Telescoping Ladder with Platform	
<b>AAA11</b>	Spartan 4-Door Full-Tilt, Aluminum Body, Tandem Axle, 100' Steel Mid Mounted Telescoping Ladder/Platform	
<b>AAA12</b>	Spartan 4-Door Full-Tilt, Aluminum Body, Single Axle, 100' Steel Tractor Telescoping Ladder	
<b>AAA13</b>	Spartan Gladiator 4-Door Tilt Cab, Aluminum Body, Single Axle 105' Tractor Drawn Telescoping Ladder	
<b>AAA14</b>	Spartan Gladiator 4-Door Tilt Cab, Aluminum Body, Tandem Axle 105' Tractor Drawn Telescoping Ladder Quint	
<b>AAA15</b>	Spartan Metro Star 4-Door Tilt Cab, Single Axle, Aluminum Body, Sqrt 54' Rear Mount Articulating Water Tower	
<b>AAA16</b>	Spartan Metro Star 4-Door Tilt Cab, Single Axle, Aluminum Body, Tele-Sqrt 50' Rear Mount Water Tower w/ Ladder	
<b>AAA17</b>	Spartan Metro Star 4-Door Tilt Cab, Single Axle, Aluminum Body, Tele-Sqrt 65' Rear Mount Water Tower w/ Ladder	
<b>AAA18</b>	Spartan Metro Star 4-Door Tilt Cab, Single Axle, Aluminum Body Snorkle 55' Rear Mount Articulating	
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>AAB01</b>	Ford F550, 4x2, Aluminum Flat Bed Body	
<b>AAB02</b>	International 2-Door, 4x2, Aluminum Flat Bed Body	
<b>AAB03</b>	International 2-Door 4x2, Wildland Interface, Aluminum body	
<b>C. Pumper Fire Apparatus</b>		
<b>AAC01</b>	Ford F-550 2-Door, Pumper, 4x2, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted	
<b>AAC02</b>	Freightliner 2-Door, Pumper, 4x2, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted	
<b>AAC03</b>	Freithliner 2-Door, Pumper, 4x2, Aluminum Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted	
<b>AAC04</b>	Spartan 4-Door Custom Full-Tilt Aluminum Cab, 4x2, Pumper, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted	
<b>AAC05</b>	Spartan 4-Door Custom Full-Tilt Aluminum Cab, Pumper, 4x2, Aluminum Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted	



AAC06	Spartan Metrostar 4-Door Chassis, Aluminum Body, Single Axle, 1500 GPM Pump, Mid-Mounted Type I Wildland Urban Interface Engine.	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
AAD01	Ford F550 2-Door, 4x2, Non-Walk-In Rescue, Single Axle, Aluminum Body	
AAD02	International 4400, 2-Door, 4x2, Single Axle, Aluminum Body, Non-Walk-In Rescue	
AAD03	Spartan, Full-Tilt, Aluminum Cab, 4x2, Single Axle, Aluminum Body, Non-Walk-In Body	
AAD04	International 4400, 2-Door, 4x2, Single Axle, Aluminum Body, Walk-In Rescue	
AAD05	Spartan, Full-Tilt, Aluminum Cab, 4x2, Single Axle, Aluminum Body, Walk-In Body	
<b>E. Pumper/Tankers &amp; Tankers</b>		
AAE01	Freightliner 2-Door, 4x2, Pumper/Tanker, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted	
AAE02	Freightliner 2-Door, 4x2, Pumper/Tanker, Aluminum Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted	
AAE03	Elliptical Tanker, Freightliner 2-Door, Stainless Steel Body, Single Axle 1250 GPM Pump, Mid-Mounted, 2000-gallons	
AAE04	Elliptical Tanker, Freightliner 2-Door, Stainless Steel Body, Tandem Axle 1250 GPM Pump, Mid-Mounted, 3000-gallons	
<b>BB. Sunbelt Fire, Inc.</b>		
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
BBB01	Ford F450, 2-door, Aluminum Fabricated Flatbed Body, 9' Flatbed Wildland Vehicle	
BBB02	Dodge 5500, 2-door, Aluminum Fabricated Flatbed Body, 9' Flatbed Wildland Vehicle	
BBB03	Ford F450, 2-door, Aluminum Extruded Body, 10' Quick Attack Wildland Vehicle	
BBB04	Dodge 5500, 2-door, Aluminum Extruded Body, 10' Quick Attack Wildland Vehicle	
BBB05	Skid Unit for Slide in Style Body	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
BBD01	Ford F450, 2-door, Aluminum Extruded Body, 10' Light Rescue Vehicle	
BBD02	Dodge 5500, 2-door, Aluminum Extruded Body, 10' Light Rescue Vehicle	
BBD03	Freightliner M2, 2-door Aluminum Extruded Body, 18' Walk-in Rehabilitation Vehicle	
BBD04	IHC 4400, 2-door Aluminum Extruded Body, 18' Walk-in Rehabilitation Vehicle	
BBD05	Freightliner M2, 2-door Aluminum Extruded Body, 18' Non-Walk-in Rescue Vehicle	
BBD06	IHC 4400, 2-door Aluminum Extruded Body, 18' Non-Walk-in Rescue Vehicle	
BBD07	Freightliner M2, 2-door Aluminum Extruded Body, 18' Command Vehicle	
BBD08	IHC 4400, 2-door Aluminum Extruded Body, 18' Command Vehicle	
<b>E. Pumper/Tankers &amp; Tankers</b>		
BBE01	Freightliner M2, 2-door, Wetside Tanker, 2000 gallon Tank, 1250 GPM pump	
BBE02	Navistar 4400, 2-door, Wetside Tanker, 2000 gallon Tank, 1250 GPM pump	
BBE03	Kenworth T370, 2-door, Wetside Tanker, 2000 gallon Tank, 1250 GPM pump	
BBE04	Freightliner M2, 2-door, Wetside Tanker, 3000 gallon Tank, 1250 GPM pump	
BBE05	Navistar 4400, 2-door, Wetside Tanker, 3000 gallon Tank, 1250 GPM pump	
BBE06	Kenworth T370, 2-door, Wetside Tanker, 3000 gallon Tank, 1250 GPM pump	
<b>CC. Super Vac</b>		
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
CCB01	Ford F550, 2-Door, OEM Cab, 4x4, Single Axle, Aluminum Body, 100 GPM, 250 Gal Tank Slip-In, Wildland	

<b>CCB02</b>	International 7400, 4-Door, OEM Cab, 4x4, Aluminum Body, Single Axle, 500 GPM, 500 Gallon, Mid-Mounted Wildland Pumper	
<b>C. Pumper Fire Apparatus</b>		
<b>CCC01</b>	International 4400, 2-Door, OEM Cab, 4x2, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	
<b>CCC02</b>	Spartan 4-Door Chassis, Aluminum Tilt Cab, 4x2, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted Pumper	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>CCD01</b>	Ford F550, 2-Door, OEM Cab, 4x2, Single Axle, Aluminum Body, Non-Walk-In Rescue	
<b>CCD02</b>	International 4400, 2-Door, OEM Cab, 4x2, Single Axle, Aluminum Body, Non-Walk-In Rescue	
<b>CCD03</b>	Spartan 4-Door Chassis, Aluminum Tilt Cab, 4x2, Single Axle, Aluminum Body, Non-Walk-In Body	
<b>CCD04</b>	International 4400, 2-Door, OEM Cab, 4x2, Single Axle, Aluminum Body, Walk-In Rescue	
<b>CCD05</b>	Spartan 4-Door Chassis, Aluminum Tilt Cab, 4x2, Single Axle, Aluminum Body, Walk-In Body	
<b>DD. Sutphen Corporation (Sutphen)</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		
<b>DDA01</b>	Sutphen Monarch, 4-Door Full-Tilt Aluminum Cab, Stainless Steel Body, Single Axle, SA 75' Mid Mounted 1000# Telescoping Aluminum Box Boom with Climbing Ladder	
<b>DDA02</b>	Sutphen Monarch, 4-Door Full-Tilt Aluminum Cab, Stainless Steel Body, Single Axle, SL 75' Mid Mounted 1000# Aluminum Ladder	
<b>DDA03</b>	Sutphen Monarch, 4-Door Full-Tilt Aluminum Cab, Stainless Steel Body, Tandem Axle, SL 100' Mid Mounted 750# Aluminum Ladder	
<b>DDA04</b>	Sutphen Monarch, 4-Door Full-Tilt Aluminum Cab, Stainless Steel Body, Single Axle, 70' Mid Mounted 1000# Telescoping Aluminum Box Boom with Platform	
<b>DDA05</b>	Sutphen Monarch, 4-Door Full-Tilt Aluminum Cab, Stainless Steel Body, Tandem Axle, SP 92' Mid Mounted 1000# Telescoping Aluminum Box Boom with Platform	
<b>DDA06</b>	Sutphen Monarch, 4-Door Full-Tilt Aluminum Cab, Stainless Steel Body, Tandem Axle, SPH 100' Mid Mounted 1000# Telescoping Aluminum Box Boom with Platform	
<b>DDA07</b>	Sutphen Monarch, 4-Door Full-Tilt Aluminum Cab, Stainless Steel Body, Tandem Axle, SP 110' Mid Mounted 1000# Telescoping Aluminum Box Boom with Platform	
<b>DDA08</b>	Sutphen Monarch, 4-Door Full-Tilt Aluminum Cab, Stainless Steel Body, Single Axle, SLR 75' Rear Mounted 750# Aluminum Ladder	
<b>DDA09</b>	Sutphen Monarch, 4-Door Full-Tilt Aluminum Cab, Stainless Steel Body, Tandem Axle, SLR 108' Rear Mounted 750# Aluminum Ladder	
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>DDB01</b>	International 7400, 4x4 4-Door Commercial Cab, Type 3 Pumper, Extruded Aluminum Body, Single Axle, 750 GPM Pump, Two Stage, Mid-Mounted	
<b>DDB02</b>	Sutphen Monarch, 4 Door Custom Full Tilt Aluminum Cab, Wildlan Urban Interface Pumper, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Mid Mounted	
<b>C. Pumper Fire Apparatus</b>		
<b>DDC01</b>	International 4400, 2-Door Commercial Cab, Pumper, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Single Stage, Mid-Mounted	
<b>DDC02</b>	Sutphen Guardian, 4 Door Custom Full Tilt Aluminum Cab, Pumper, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Mid Mounted	
<b>DDC03</b>	Sutphen Shield, 4 Door Custom Full Tilt Aluminum Cab, Pumper, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Mid Mounted	
<b>DDC04</b>	Sutphen Monarch, 4 Door Custom Full Tilt Aluminum Cab, Pumper, Extruded Aluminum Body, Single Axle, 1250 GPM Pump, Mid Mounted	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>DDD01</b>	Sutphen Monarch, 4 Door Custom Full Tilt Aluminum Cab, Single Axle, Formed Aluminum Body, Non-Walk-In Rescue	

<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>DDE01</b>	International, 2-Door, Commercial Cab, Pumper/Wetside Tanker, Stainless Steel Body, Single Axle, 1250 GPM Pump, Mid-Mounted	
<b>DDE02</b>	International, 2-Door, Commercial Cab, Pumper/Eliptical Tanker, Stainless Steel Body, Single Axle, 1250 GPM Pump, Mid-Mounted	
<b>DDE03</b>	International, 2-Door, Commercial Cab, Pumper/Wetside Tanker, Stainless Steel Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted	
<b>DDE04</b>	International, 2-Door, Commercial Cab, Pumper/Eliptical Tanker, Stainless Steel Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted	
<b>DDE05</b>	Sutphen Monarch, 4 Door Custom Full Tilt Aluminum Cab, Pumper Tanker , Extruded Aluminum Body, Tandem Axle, 1250 GPM Pump, Mid Mounted	
<b>EE. Toyne</b>		
<b>A. Aerials (Booms/Platforms, Ladders, Ladder/Platforms)</b>		
<b>EEA01</b>	Toyne, single axle, Spartan chassis, 75' rear mount aerial, stainless steel body, 300 gallons, side stack hosebed, single stage 1500 gpm pump mid mounted	
<b>EEA02</b>	Toyne tandem axle, Spartan chassis, 110' rear mount aerial with stainless steel body, 300 gallons of water, side stack hosebed, single stage 1500 gpm pump mid mounted	
<b>EEA03</b>	Toyne tandem axle, Spartan chassis, rear mount 100' platform, stainless steel body, 300 gallons of water, hosebed, single stage 1500 gpm pump mid mounted	
<b>EEA04</b>	Toyne tandem axle, Spartan chassis, mid-mount 93' platform, stainless steel body, 300 gallons of water, hosebed, single stage 1500 gpm pump mid mounted	
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>EEB01</b>	Toyne, Ford F550 4 door, staineless steel body, 1000 gpm midship pump, 300 gallons of water	
<b>C. Pumper Fire Apparatus</b>		
<b>EEC01</b>	Freightliner M2, 2-Door Commercial Cab, Pumper, stainless steel Body, Single Axle, 1250 GPM Pump, Single Stage, Mid-Mounted, 750 gallons of water	
<b>EEC02</b>	International 4400, 2-Door Commercial Cab, Pumper, stainless steel Body, Single Axle, 1250 GPM Pump, Single Stage, Mid-Mounted, 750 gallons of water	
<b>EEC03</b>	Kenworth, 2-Door Commercial Cab, Aluminum Body, Single Axle, 1250 GPM Pump, Mid-Mounted, 750 gallons of water	
<b>EEC04</b>	Spartan, 4 Door Custom Full Tilt Aluminum Cab, Pumper, stainless steel Body, Single Axle, 1250 GPM Pump, Mid Mounted, 750 gallons of water	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>EED01</b>	International 4400, 2-Door, Commercial Cab, Single Axle, stainless steel Body, Non-Walk-In Rescue (walk around type)	
<b>EED02</b>	Spartan, 4-Door, Full-Tilt, Aluminum Cab, Single Axle, stainless steel Body, Non-Walk-In Body (walk around type)	
<b>EED03</b>	Ford F550, 4 door Cab, Single Axle, stainless steel body, Non-Walk-In Rescue (walk around type)	
<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>EEE01</b>	International, 2-Door, Commercial Cab, Pumper/Tanker, stainless steel Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted, 2500 gallons	
<b>EEE02</b>	Spartan, 4-Door, Custom Full-Tilt, Aluminum Cab, Pumper/Tanker, stainless steel Body, Tandem Axle, 1250 GPM Pump, Mid-Mounted, 2500 gallons	
<b>EEE03</b>	International, 2-Door, Commercial Cab, Elliptical Tpumper/tanker, welded stainless steel Body, Tandem Axle, 1250 GPM Pump, 2000 gallon	
<b>EEE04</b>	International, 2-Door, Commercial Cab, wetside pumper/tanker, aluminum treadplate Body, single Axle, 750 gpm Pump, 3000 gallon	
<b>FF. U S Tanker</b>		
<b>E. Pumper/Tankers &amp; Tankers</b>		
<b>FFE01</b>	Elliptical Tanker, Freightliner 2-Door, Stainless Steel Body, Single Axle 1250 GPM Pump, Mid-Mounted, 2000-gallons	
<b>FFE02</b>	Elliptical Tanker, Freightliner 2-Door, Stainless Steel Body, Tandem Axle 1250 GPM Pump, Mid-Mounted, 3000-gallons	

<b>FFE03</b>	Wet Side Tanker, Freightliner 2-Door, Stainless Steel Body, Single Axle, 1250 GPM Pump, Mid-Mounted, 2000-gallons	
<b>FFE04</b>	Wet Side Tanker, Freightliner 2-Door, Stainless Steel body, Tandem Axle, 1250 GPM Pump, Mid-Mounted, 3000-gallons	
<b>GG. Unruh Fire, Inc.</b>		
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>GGB01</b>	Unruh Fire 11 ft Attack Brush, extruded aluminum brush body with crosswalk, dual topside storage compartments, 400 gallon polypropylene tank, 85 GPM @ 150 PSI to 245 GPM @ 25 PSI pump with 23 hp gas engine, Steel hose reel with 100 ft hose and nozzle, F550, 4x4	
<b>GGB02</b>	Unruh Fire 9 ft Attack brush, extruded aluminum brush body with work stations, dual topside storage compartments, 400 gallon polypropylene tank, 85 GPM @ 150 PSI to 245 GPM @ 25 PSI pump with 23 hp gas engine, Steel hose reel with 100 ft hose and nozzle, F550, 4x4	
<b>GGB03</b>	Unruh Fire 9 ft Attack Brush, extruded aluminum flatbed brush body, dual topside storage compartments, 400 gallon polypropylene tank, 85 GPM @ 150 PSI to 245 GPM @ 25 PSI pump with 23 hp gas engine, Steel hose reel with 100 ft hose and nozzle, F550, 4x4	
<b>D. Special Service Apparatus (Walk-In &amp; Non-Walk-in Bodies) Multi-use: Rescue, Re-Hab, Hazmat, Mobile Command Center</b>		
<b>GGD01</b>	Unruh Fire 9 ft Rapid Rescue, extruded aluminum dry rescue body, compartments with 7 roll up doors, 1 transverse slide tray and a 1000 lb capacity rear slide tray on a F550 4x4	
<b>GGD02</b>	Unruh Fire 11 ft Rapid Rescue, extruded aluminum dry rescue body, compartments with 7 roll up doors, 1 transverse slide tray and a 1000 lb rear slide tray on a F550, 4x4	
<b>GGD03</b>	Unruh Fire 9 ft Rapid Rescue, extruded aluminum wet rescue body with 6 roll up door compartments, 300 gallon polypropylene tank, 85 GPM @ 150 PSI to 245 GPM @ 25 PSI pump with 23 hp gas engine, Steel hose reel with 100 ft hose and nozzle, F550, 4x4	
<b>GGD04</b>	Unruh Fire 11 ft Rapid Rescue, extruded aluminum wet rescue body, compartments with 6 roll up doors, 300 gallon polypropylene tank, 85 GPM @ 150 PSI to 245 GPM @ 25 PSI pump with 23 hp gas engine, Steel hose reel with 100 ft hose and nozzle, F550, 4x4	
<b>F. Airport Rescue Fire-Fighting Vehicles</b>		
<b>GGF01</b>	Unruh Fire 12 ft Renegade Rescue, extruded aluminum body with 6 roll up door compartments, 300 gallon Polypropylene tank with foam cell, 500 lbs dry chemical, engine driven pump, dual agent hose reel, F550, 4x4	
<b>GGF02</b>	Unruh Fire 12 ft Renegade Rescue, extruded aluminum body with 6 roll up door compartments, 300 gallon stored energy CAFS, 500 lbs dry chemical, 4 nitrogen cylinders, dual agent hose reel.	
<b>HH. Weis Fire &amp; Safety Equipment Co.</b>		
<b>B. Wildland Fire Apparatus (Brush Fire)</b>		
<b>HHB01</b>	Weis Fire Quick Attack 300, Rear Mount Pump Controls, 9' EXT Alum Fire Body with Walkway, on Ford F-350, 60" CA	
<b>HHB02</b>	Weis Fire Quick Attack 300, Top Mount Pump Controls, 9' EXT Alum Fire Body with Walkway, on Ford F-350 60" CA	
<b>HHB03</b>	Weis Fire Quick Attack 300, Rear Mount Pump Controls, 9' EXT Alum Fire Body with Walkway, on Ford F-450 60" CA	
<b>HHB04</b>	Weis Fire Quick Attack 300, Top Mount Pump Controls, 9' EXT Alum Fire Body with Walkway, on Ford F-450 60" CA	
<b>HHB05</b>	Weis Fire Quick Attack 400, Rear Mount Pump Controls, 11' EXT Alum Fire Body with Walkway, on Ford F-550 84" CA	
<b>HHB06</b>	Weis Fire Quick Attack 400, Top Mount Pump Controls, 11' EXT Alum Fire Body with Walkway, on Ford F-550 84" CA	

<b>HHB07</b>	Weis Fire Quick Attack 500, Rear Mount Pump Controls, 11' EXT Alum Fire Body with Walkway, on Ford F-550 84" CA	
<b>HHB08</b>	Weis Fire Quick Attack 500, Top Mount Pump Controls, 11' EXT Alum Fire Body with Walkway, on Ford F-550 84" CA	



**FORM G: SPECIAL STATEMENT OF WARRANTY**

FS12-17 "Fire Service Apparatus (All Types)"

*This form shall be completed by the MANUFACTURER and signed by one of its Corporate Officers. No agent signature shall be acceptable on this document.*

\_\_\_\_\_, the "**Manufacturer**", warrants each newly manufactured Fire Apparatus, to the original user/purchaser only for the specified periods stated below, from the date of acceptance, ordinary wear and tear excepted:

Component:	Warranty:
•Cab & Chassis	One (1) year, parts & labor
•Chassis Frame Rails	Five (5) years, parts & labor
•Diesel Engine	Five (5) years, parts & labor
•Transmission	Five (5) years, parts & labor
•Fire Pump	One (1) year, parts & labor
•Fire Pump Panel Gauge	One (1) year, parts & labor
•Water Tank	Twenty (20) years, parts & labor
•Apparatus Body	One (1) year, parts & labor Ten (10) years, rust/corrosion penetration Ten (10) years or 100,000 miles, structural warranty Three (3) years, paint
•Aerial Device	Twenty (20) years, structural Two (2) years, hydraulic components One (1) year, parts and labor One (1) year, waterway

The **Manufacturer's** obligations under this warranty shall be specifically limited to replacing or repairing, as the **Manufacturer** may elect, any part or parts of such product which to the Manufacturer's examination discloses to be defective in material or workmanship.

Any part or parts considered to be covered by the conditions of this warranty shall be returned, freight prepaid, to the **Manufacturer's** factory located at \_\_\_\_\_ or to such other location as may be approved in advance by the **Manufacturer**. Replaced or repaired parts determined to be included within the warranty shall be F.O.B. to the End User's physical location. Freight and labor to reinstall parts shall be paid by the **Manufacturer**.

- The **Manufacturer's** warranty shall **not** apply to the following:
- Wear items.
  - Normal adjustments and maintenance services.
  - Failures resulting from the product being operated in a manner not in accordance with the operation manual or for a purpose not recommended by the **Manufacturer**.
  - Any product which shall have been repaired, modified, or altered in any way so as to have been adversely affected the units stability or reliability.
  - Items subjected to misuse, negligence, accident, or improper maintenance.
  - Loss of time or use of the product, inconvenience or other incidental expenses.
- Any trade accessory that has its own warranty shall have said warranty document attached with the bid response. If a separate warranty equal or exceeding is not attached, then the **Manufacturer** warrants any trade accessory not specifically covered by a separate warranty.

Nothing contained in this warranty shall make the **Manufacturer**, liable beyond the express limitations hereof, for loss, injury, or damage of any kind to any person or entity resulting from any defect or failure of the product (except as covered by Product liability insurance).

**THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATIONS, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

<b>MANUFACTURER:</b>	
Corporate Officer Signature:	
Printed Name and Title:	
<b>WARRANTY ADMINISTRATOR:</b>	
Printed Name and Title:	
Date:	

**This is a sample of the contract that will be sent to you for execution IF you are recommended for a contract award. Do NOT complete and return with your Response.**

A CONTRACT BETWEEN HOUSTON-GALVESTON AREA COUNCIL, Houston, Texas AND \_\_\_\_\_

This Contract is made and entered into by the **Houston-Galveston Area Council of Governments**, hereinafter referred to as **H-GAC**, having its principal place of business at 3555 Timmons Lane, Suite 100, Houston, Texas 77027, AND, \_\_\_\_\_ hereinafter referred to as the **CONTRACTOR**, having its principal place of business at \_\_\_\_\_.

#### **ARTICLE 1: SCOPE OF SERVICES**

The parties have entered into a \_\_\_\_\_ Contract to become effective as of \_\_\_\_\_, and to continue through \_\_\_\_\_ (the "**Contract**"), subject to extension upon mutual agreement of the **CONTRACTOR** and **H-GAC**. **H-GAC** enters into the Contract as Agent for participating governmental agencies, each hereinafter referred to as **END USER**, for the purchase of \_\_\_\_\_ offered by the **CONTRACTOR**. The **CONTRACTOR** agrees to sell \_\_\_\_\_ through the **H-GAC** Contract to **END USERS**.

#### **ARTICLE 2: THE COMPLETE AGREEMENT**

The Contract shall consist of the documents identified below in order of precedence:

1. The text of this Contract form, including but not limited to, Attachment A
2. General Terms and Conditions
3. Bid Specifications No: \_\_\_\_\_, including any relevant suffixes
4. **CONTRACTOR's** Response to Bid No: \_\_\_\_\_, including but not limited to, prices and options offered

All of which are either attached hereto or incorporated by reference and hereby made a part of this Contract, and shall constitute the complete agreement between the parties hereto. This Contract supersedes any and all oral or written agreements between the parties relating to matters herein. Except as otherwise provided herein, this Contract cannot be modified without the written consent of both parties.

#### **ARTICLE 3: LEGAL AUTHORITY**

**CONTRACTOR** and **H-GAC** warrant and represent to each other that they have adequate legal counsel and authority to enter into this Contract. The governing bodies, where applicable, have authorized the signatory officials to enter into this Contract and bind the parties to the terms of this Contract and any subsequent amendments thereto.

#### **ARTICLE 4: APPLICABLE LAWS**

The parties agree to conduct all activities under this Contract in accordance with all applicable rules, regulations, directives, issuances, ordinances, and laws in effect or promulgated during the term of this Contract.

#### **ARTICLE 5: INDEPENDENT CONTRACTOR**

The execution of this Contract and the rendering of services prescribed by this Contract do not change the independent status of **H-GAC** or **CONTRACTOR**. No provision of this Contract or act of **H-GAC** in performance of this Contract shall be construed as making **CONTRACTOR** the agent, servant or employee of **H-GAC**, the State of Texas or the United States Government. Employees of **CONTRACTOR** are subject to the exclusive control and supervision of **CONTRACTOR**. **CONTRACTOR** is solely responsible for employee payrolls and claims arising therefrom.

#### **ARTICLE 6: END USER AGREEMENTS**

**H-GAC** acknowledges that the **END USER** may choose to enter into an End User Agreement with the **CONTRACTOR** through this Contract and that the term of said Agreement may exceed the term of the **H-GAC** Contract. However this acknowledgement is not to be construed as **H-GAC's** endorsement or approval of the End User Agreement terms and conditions. **CONTRACTOR** agrees not to offer to, agree to or accept from **END USER** any terms or conditions that conflict with or contravene those in **CONTRACTOR's H-GAC** contract. Further, termination of this Contract for any reason shall not result in the termination of the underlying End User Agreements entered into between **CONTRACTOR** and any **END USER** which shall, in each instance, continue pursuant to their stated terms and duration. The only effect of termination of this Contract is that **CONTRACTOR** will no longer be able to enter into any new End User Agreements with **END USERS** pursuant to this Contract. Applicable **H-GAC** order processing charges will be due and payable to **H-GAC** on any End User



Agreements surviving termination of this Contract between **H-GAC** and **CONTRACTOR**.

#### **ARTICLE 7: SUBCONTRACTS & ASSIGNMENTS**

**CONTRACTOR** agrees not to subcontract, assign, transfer, convey, sublet or otherwise dispose of this Contract or any right, title, obligation or interest it may have therein to any third party without prior written notice to **H-GAC**. **H-GAC** reserves the right to accept or reject any such change. **CONTRACTOR** shall continue to remain responsible for all performance under this Contract regardless of any subcontract or assignment. **H-GAC** shall be liable solely to **CONTRACTOR** and not to any of its Subcontractors or Assignees.

#### **ARTICLE 8: EXAMINATION AND RETENTION OF CONTRACTOR'S RECORDS**

**CONTRACTOR** shall maintain during the course of its work, complete and accurate records of items that are chargeable to **END USER** under this Contract. **H-GAC**, through its staff or its designated public accounting firm, the State of Texas, or the United States Government shall have the right at any reasonable time to inspect copy and audit those records on or off the premises of **CONTRACTOR**. Failure to provide access to records may be cause for termination of this Contract. **CONTRACTOR** shall maintain all records pertinent to this Contract for a period of not less than five (5) calendar years from the date of acceptance of the final contract closeout and until any outstanding litigation, audit or claim has been resolved. The right of access to records is not limited to the required retention period, but shall last as long as the records are retained. **CONTRACTOR** further agrees to include in all subcontracts under this Contract, a provision to the effect that the subcontractor agrees that **H-GAC'S** duly authorized representatives, shall, until the expiration of five (5) calendar years after final payment under the subcontract or until all audit findings have been resolved, have access to, and the right to examine and copy any directly pertinent books, documents, papers, invoices and records of such subcontractor involving any transaction relating to the subcontract.

#### **ARTICLE 9: REPORTING REQUIREMENTS**

**CONTRACTOR** agrees to submit reports or other documentation in accordance with the General Terms and Conditions of the Bid Specifications. If **CONTRACTOR** fails to submit to **H-GAC** in a timely and satisfactory manner any such report or documentation, or otherwise fails to satisfactorily render performance hereunder, such failure may be considered cause for termination of this Contract.

#### **ARTICLE 10: MOST FAVORED CUSTOMER CLAUSE**

If **CONTRACTOR**, at any time during this Contract, routinely enters into agreements with other governmental customers within the State of Texas, and offers the same or substantially the same products/services offered to **H-GAC** on a basis that provides prices, warranties, benefits, and or terms more favorable than those provided to **H-GAC**, **CONTRACTOR** shall notify **H-GAC** within ten (10) business days thereafter of that offering and this Contract shall be deemed to be automatically amended effective retroactively to the effective date of the most favorable contract, wherein **CONTRACTOR** shall provide the same prices, warranties, benefits, or terms to **H-GAC** and its **END USER**. **H-GAC** shall have the right and option at any time to decline to accept any such change, in which case the amendment shall be deemed null and void. If **CONTRACTOR** is of the opinion that any apparently more favorable price, warranty, benefit, or term charged and/or offered a customer during the term of this Contract is not in fact most favored treatment, **CONTRACTOR** shall within ten (10) business days notify **H-GAC** in writing, setting forth the detailed reasons **CONTRACTOR** believes aforesaid offer which has been deemed to be a most favored treatment, is not in fact most favored treatment. **H-GAC**, after due consideration of such written explanation, may decline to accept such explanation and thereupon this Contract between **H-GAC** and **CONTRACTOR** shall be automatically amended, effective retroactively, to the effective date of the most favored agreement, to provide the same prices, warranties, benefits, or terms to **H-GAC**.

The Parties accept the following definition of routine: A prescribed, detailed course of action to be followed regularly; a standard procedure. *EXCEPTION: This clause shall not be applicable to prices and price adjustments offered by a bidder, or contractor, which are not within bidder's control [example; a manufacturer's bid concession], or to any prices offered to the Federal Government and its agencies.*

#### **ARTICLE 11: SEVERABILITY**

All parties agree that should any provision of this Contract be determined to be invalid or unenforceable, such determination shall not affect any other term of this Contract, which shall continue in full force and effect.

#### **ARTICLE 12: DISPUTES**

Any and all disputes concerning questions of fact or of law arising under this Contract, which are not disposed of by agreement, shall be decided by the Executive Director of **H-GAC** or his designee, who shall reduce his decision to writing and provide notice thereof to **CONTRACTOR**. The decision of the Executive Director or his designee shall be final and conclusive unless, within thirty (30) days from the date of receipt of such notice, **CONTRACTOR** requests a rehearing from the Executive Director of **H-**

GAC. In connection with any rehearing under this Article, **CONTRACTOR** shall be afforded an opportunity to be heard and offer evidence in support of its position. The decision of the Executive Director after any such rehearing shall be final and conclusive. **CONTRACTOR** may, if it elects to do so, appeal the final and conclusive decision of the Executive Director to a court of competent jurisdiction. Pending final decision of a dispute hereunder, **CONTRACTOR** shall proceed diligently with the performance of this Contract and in accordance with **H-GAC'S** final decision.

**ARTICLE 13: LIMITATION OF CONTRACTOR'S LIABILITY**

Except as specified in any separate writing between the **CONTRACTOR** and an **END USER**, **CONTRACTOR'S** total liability under this Contract, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, but excluding its obligation to indemnify **H-GAC** described in Article 14, is limited to the price of the particular products/services sold hereunder, and **CONTRACTOR** agrees either to refund the purchase price or to repair or replace product(s) that are not as warranted. In no event will **CONTRACTOR** be liable for any loss of use, loss of time, inconvenience, commercial loss, lost profits or savings or other incidental, special or consequential damages to the full extent such use may be disclaimed by law. **CONTRACTOR** understands and agrees that it shall be liable to repay and shall repay upon demand to **END USER** any amounts determined by **H-GAC**, its independent auditors, or any agency of State or Federal government to have been paid in violation of the terms of this Contract.

**ARTICLE 14: LIMIT OF H-GAC'S LIABILITY AND INDEMNIFICATION OF H-GAC**

**H-GAC'S** liability under this Contract, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, is limited to its order processing charge. In no event will **H-GAC** be liable for any loss of use, loss of time, inconvenience, commercial loss, lost profits or savings or other incidental, special or consequential damages to the full extent such use may be disclaimed by law. **CONTRACTOR** agrees, to the extent permitted by law, to defend and hold harmless **H-GAC**, its board members, officers, agents, officials, employees, and indemnities from any and all claims, costs, expenses (including reasonable attorney fees), actions, causes of action, judgments, and liens arising as a result of **CONTRACTOR'S** negligent act or omission under this Contract. **CONTRACTOR** shall notify **H-GAC** of the threat of lawsuit or of any actual suit filed against **CONTRACTOR** relating to this Contract.

**ARTICLE 15: TERMINATION FOR CAUSE**

**H-GAC** may terminate this Contract for cause based upon the failure of **CONTRACTOR** to comply with the terms and/or conditions of the Contract; provided that **H-GAC** shall give **CONTRACTOR** written notice specifying **CONTRACTOR'S** failure. If within thirty (30) days after receipt of such notice, **CONTRACTOR** shall not have either corrected such failure, or thereafter proceeded diligently to complete such correction, then **H-GAC** may, at its option, place **CONTRACTOR** in default and the Contract shall terminate on the date specified in such notice. **CONTRACTOR** shall pay to **H-GAC** any order processing charges due from **CONTRACTOR** on that portion of the Contract actually performed by **CONTRACTOR** and for which compensation was received by **CONTRACTOR**.

**ARTICLE 16: TERMINATION FOR CONVENIENCE**

Either **H-GAC** or **CONTRACTOR** may cancel or terminate this Contract at any time by giving thirty (30) days written notice to the other. **CONTRACTOR** may be entitled to payment from **END USER** for services actually performed; to the extent said services are satisfactory to **END USER**. **CONTRACTOR** shall pay to **H-GAC** any order processing charges due from **CONTRACTOR** on that portion of the Contract actually performed by **CONTRACTOR** and for which compensation is received by **CONTRACTOR**.

**ARTICLE 17: CIVIL AND CRIMINAL PROVISIONS AND SANCTIONS**

**CONTRACTOR** agrees that it will perform under this Contract in conformance with safeguards against fraud and abuse as set forth by **H-GAC**, the State of Texas, and the acts and regulations of any funding entity. **CONTRACTOR** agrees to notify **H-GAC** of any suspected fraud, abuse or other criminal activity related to this Contract through filing of a written report promptly after it becomes aware of such activity.

**ARTICLE 18: GOVERNING LAW & VENUE**

This Contract shall be governed by the laws of the State of Texas. Venue and jurisdiction of any suit or cause of action arising under or in connection with this Contract shall lie exclusively in Harris County, Texas. Disputes between **END USER** and **CONTRACTOR** are to be resolved in accord with the law and venue rules of the state of purchase. **CONTRACTOR** shall immediately notify **H-GAC** of such disputes.

**ARTICLE 19: PAYMENT OF H-GAC ORDER PROCESSING CHARGE**

**CONTRACTOR** agrees to sell its products to **END USERS** based on the pricing and other terms of this Contract, including, but not limited to, the payment of the applicable **H-GAC** order processing charge. On notification from an **END USER** that

an order has been placed with **CONTRACTOR**, **H-GAC** will invoice **CONTRACTOR** for the applicable order processing charge. Upon delivery of any product/service by **CONTRACTOR** and acceptance by **END USER**, **CONTRACTOR** shall, within thirty (30) calendar days or ten (10) business days after receipt of payment, whichever is less, pay **H-GAC** the full amount of the applicable order processing charge, whether or not **CONTRACTOR** has received an invoice from **H-GAC**. For sales made by **CONTRACTOR** based on this contract, including sales to entities without Interlocal Contracts, **CONTRACTOR** shall pay the applicable order processing charges to **H-GAC**. Further, **CONTRACTOR** agrees to encourage entities who are not members of **H-GAC**'s Cooperative Purchasing Program to execute an **H-GAC** Interlocal Contract. **H-GAC** reserves the right to take appropriate actions including, but not limited to, contract termination if **CONTRACTOR** fails to promptly remit **H-GAC**'s order processing charge. In no event shall **H-GAC** have any liability to **CONTRACTOR** for any goods or services an **END USER** procures from **CONTRACTOR**.

**ARTICLE 20: LIQUIDATED DAMAGES**

Any liquidated damages terms will be determined between **CONTRACTOR** and **END USER** at the time **END USER**'s purchase order is placed.

**ARTICLE 21: PERFORMANCE BONDS FOR INDIVIDUAL ORDERS**

Except as described below for fire apparatus, **CONTRACTOR** agrees to provide a Performance Bond at the request of **END USER** within ten (10) days of receipt of **END USER**'s purchase order.

It shall be standard procedure for every order received for fire apparatus that a Performance Bond in the amount of the order be provided to the **END USER**. Failure of **CONTRACTOR** to provide such performance bond within ten (10) days of receipt of **END USER**'s order may constitute a total breach of contract and shall be cause for cancellation of the order at **END USER**'s sole discretion. **END USER** may choose to delete the requirement for a Performance Bond at **END USER**'s sole discretion. If the bond requirement is waived, **END USER** shall be entitled to a price reduction commensurate with the cost that would have been incurred by **CONTRACTOR** for the bond.

**ARTICLE 22: CHANGE OF CONTRACTOR STATUS**

**CONTRACTOR** shall immediately notify **H-GAC**, in writing, of ANY change in ownership, control, dealership/franchisee status, Motor Vehicle license status, or name, and shall also advise whether or not this Contract shall be affected in any way by such change. **H-GAC** shall have the right to determine whether or not such change is acceptable, and to determine what action shall be warranted, up to and including cancellation of Contract.

**ARTICLE 23: LICENSING REQUIRED BY TEXAS MOTOR VEHICLE BOARD [IF APPLICABLE]**

**CONTRACTOR** will for the duration of this Contract maintain current licenses that are required by the Texas Motor Vehicle Commission Code. If at any time during this Contract period, any **CONTRACTOR'S** license is not renewed, or is denied or revoked, **CONTRACTOR shall** be deemed to be in default of this Contract unless the Motor Vehicle Board issues a stay or waiver. Contractor shall promptly provide copies of all current applicable Texas Motor Vehicle Board documentation to **H-GAC** upon request.

IN WITNESS WHEREOF, the parties have caused this Contract to be executed by their duly authorized representatives.

Signed for **Houston-Galveston Area Council**, Houston, Texas: \_\_\_\_\_  
Jack Steele, Executive Director

Attest for **Houston-Galveston Area Council**, Houston, Texas: \_\_\_\_\_  
Deidre Vick, Director of Public Services  
Date: \_\_\_\_\_, 20\_\_

Signed for \_\_\_\_\_

Printed Name & Title: \_\_\_\_\_ Date: \_\_\_\_\_, 20\_\_

Attest for \_\_\_\_\_

Printed Name & Title: \_\_\_\_\_ Date: \_\_\_\_\_, 20\_\_





January 21, 2019

Chief Andrew Pullen  
Kents Store Volunteer Fire Co.  
51 Kents Store Way  
Kents Store, VA 23084

Dear Chief Pullen:

Atlantic Emergency Solutions, the Pierce authorized Sales and Service dealership in Virginia, is pleased to offer the Kents Store Volunteer Fire Company our proposal on behalf of Pierce Manufacturing for a new 2020 Pierce Freightliner M2-106 Triple Combination Pumper. We have thoughtfully tailored our proposal around the Department's requirements.

Pierce Manufacturing is North America's leader in the fire/rescue industry. Pierce has been building America's finest since 1917.

Currently we have six (6) factory trained service centers in Virginia with one (1) located in Charlottesville, VA to handle all of the specialized requirements for servicing your emergency apparatus. The Charlottesville location is currently moving into a new facility which will enhance our ability to service your apparatus. Mobile service vehicles and 24/7 Emergency Services are also available through our Charlottesville Service Center. Atlantic Emergency Solutions has recently added Cummins Authorized Service at our Richmond Service Center! This will decrease turnaround time for any Cummins related issues.

This will provide the Kents Store Volunteer Fire Company with the most experienced, fastest responding, and the most cost-effective solution to keep your emergency units in service. No other dealership in the Commonwealth of Virginia has made a greater commitment to service.

Pierce/Freightliner Pumper per proposal #617:	\$536,791.00
Prepayment discount of 19,988.00 when \$483,000.00 is received within two weeks of execution of contract (includes P-Bond).	- <u>19,988.00</u>

Total purchase price:	\$516,803.00
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**Pricing is based off HGAC FS12-17-valid thru 1-31-19**

**Delivery approximately 360 days after receipt of Contract or PO.**

As always, we remain at your disposal to answer any questions or provide further information.

Sincerely,

**Kevin Sandridge**  
**Vice President**





5712 Hill Top Street  
Crozet, Virginia 22932  
(434) 953-5153 (Cell)

**Kents Store VFC: Dealer to Furnish**

- One (1) day Pierce training provided at Kents Store VFC
- Engineering Conference at Pierce Bradenton for four (4) department personnel. Includes airfare, meals and lodging.
- Post Paint Inspection at Pierce Bradenton for one (1) department personnel. Includes airfare, meals and lodging.
- Final Inspection at Pierce Bradenton for four (4) department personnel. Includes airfare, meals, and lodging.
- A \$10,000.00 Equipment Mounting Allowance is included.
- Delivery to Kents Store, Virginia
- Pricing based off of HGAC FS12-17



# Proposal Option List

1/21/2019

<b>Customer:</b>	Fluvanna County, VA	<b>Bid Number:</b>	617
<b>Representative</b>	Sandridge, Kevin	<b>Job Number:</b>	
<b>Organization:</b>	Atlantic Emergency Solutions, Inc	<b>Number of Units:</b>	1
<b>Requirements Manager:</b>		<b>Bid Date:</b>	10-19-2018
<b>Description:</b>	Kents Store 171" Body	<b>Stock Number:</b>	
<b>Body:</b>	Pumper, Long, Aluminum, 2nd Gen, Saber/Commercial	<b>Price Level:</b>	37 (Current: 37)
<b>Chassis:</b>	Freightliner M2-106, 4x2 Single Rear Axle		

Line	Option	Type	Option Description	Qty
1	0074080		Build-to-Order, Pierce Florida Product - 2nd Gen Pumper	1
2	0766610		Boiler Plates, Pumper, w/Commercial Chassis	1
			Fire Department/Customer - Kents Store Volunteer Fire Company	
			Operating/In conjunction W-Service Center - Operating	
			Miles - 50 Miles	
			Number of Fire Dept/Municipalities - 25	
			Bidder/Sales Organization - Atlantic Emergency Solutions	
			Delivery - Delivery representative	
			Dealership/Sales Organization, Service - Atlantic Emergency Solutions	
3	0018257		Commercial chassis & Snorkel products	1
4	0584455		Manufacture Location, Bradenton, Florida	1
5	0584453		RFP Location: Bradenton, Florida	1
6	0588609		Vehicle Destination, US	1
7	0610783		Comply NFPA 1901 Changes Effect Jan 1, 2016, With Exceptions, Commercial Chassis	1
8	0533347		Pumper/Pumper with Aerial Device Fire Apparatus	1
9	0588611		Vehicle Certification, Pumper	1
10	0568412		Agency, Apparatus Certification, Pumper/Tanker, Third Party, PMFD	1
11	0537375		Unit of Measure, US Gallons	1
12	0000005		Bid Bond, 10%	1
13	0582800		Performance Bond, 100 Percent w/25 Percent Warranty Bond, 1 Yr, and Payment Bond	1
14	0000007		Approval Drawing	1
15	0589819		Electrical Diagrams, Commercial	1
16	0583846		Freightliner M2-106, 4x2 Single Rear Axle	1
17	0762131		Model Year 2020	1
18	0770767		Base Price, Freightliner M2-106, 4x2, Pricing Level 1/25/2018	1
19	0623751		Wheelbase, 247" to 278", Single Axle (16K/27+K GAWR), Freightliner	1
			Wheelbase - 263.5"	
20	0584367		GVW Rating, Commercial Chassis	1
			GVW rating - 43,000 lbs.	
21	0579898		Frame, Chassis, Freightliner, 120 KSI	1
22	0582814		Frame Reinforcement, 1/4" Inner Liner, FL M2-106/112/114SD	1
23	0669868		Axle, Front, 16K (w/16K Rating), Freightliner M2-106/112/114SD, 4x2	1
24	0083043		Suspension, Front Spring, 16,000 lb, Commercial	1
25	0073051		Shock Absorbers, Front	1
26	0082996		Brakes, Cam Front, 16.50"x 6.00" Commercial	1
27	0585775		Michelin Tires	1
28	0772241		Tires, Front, 315/80R22.50	1
29	0772196		Wheels, Polished Aluminum, 22.50" x 9.00"	1
30	0582538		Axle, Rear, Meritor RS, 27K, Freightliner	1
31	0772020		S-Cam Style 16.50" x 7.00"	1
32	0544660		Top Speed of Vehicle, 68 MPH, Commercial Chassis	1
33	0771245		Suspension, Rear Spring, 27,000 lb, Commercial	1
34	0582606		Dust Shields, Front and Rear Brakes, Single Axle, Freightliner	1
35	0772236		Tires, Rear, 12R22.50	1
36	0773815		Wheels, Polished Aluminum Outer w/ Steel Inner, 22.50" x 8.25"	1
37	0620570		Tire Pressure Monitoring, RealWheels, AirSecure, Valve Cap, Single Axle	1
			Qty, Tire Pressure Ind - 6	
38	0057936		Covers, Lug Nut, Chrome	1
39	0759838		Chains, Rud automatic tire, 10 strand	1



Line	Option	Type	Option Description	Qty
40	0641847		Chocks, Wheel, Checkers Roadblocks, AT3514-AC-Y, Up to 46" Dia Tires Qty, Pair - 01	1
41	0644896		Mounting Brackets, Chocks, Checker AT2514HM, Horizontal Mount Location, Wheel chock - Under LS 3 Qty, Pair - 01	1
42	0773967		ABS, Anti-Lock Braking, w/Electronic Stability Pgm w/ATC, Commercial	1
43	0009547		Air Compressor, Brake, 18.7 CFM, Commercial	1
44	0773985		Air Dryer, Brake, w/Heater, Commercial	1
45	0010574		Air Inlet, w/Disconnect Coupling, Commercial Chassis Location, Air Coupling(s) - a) DS Step Well	1
46	0584079		Air Tank, One (1) Additional for Extra Capacity, Commercial (Pierce Install)	1
47	0550195		Compressor, Air, Kussmaul 091-9HP-AD, w/Auto Drain 120V Brake Sys Location - Behind the driver's seat	1
48	0773953		Engine, Cummins L9, 350 hp, Freightliner	1
49	0001247		High Idle w/Electronic Engine, Commercial	1
50	0627254		Auxiliary Brake, Engine Brake, Cummins C-Brake with Brake Lts, Freightliner	1
51	0779576		Fuel/Water Separator, Detroit, w/Hand Primer, H2O Sensor and Preheater, M2-106	1
52	0773981		Air Intake, Engine, w/Ember Separator, OEM Installed, Commercial	1
53	0773636		Exhaust System, Horizontal, RH Step Mounted DPF/SCR, Commercial	1
54	0684987		Exhaust Modifications, Commercial Chassis, Horizontal Exhaust	1
55	0061579		Coolant Hoses, Gates Blue Stripe, FL M2	1
56	0045253		Fuel Tank, 50 Gallon, Rear, Commercial	1
57	0773952		DEF Tank, Left Side Location, Commercial	1
58	0789264		Fuel Repriming Pump Incl'd w Detroit Fuel / Water Sep, Water Fuel Sensor, FLR	1
59	0552712		Not Required, Shutoff Valve, Fuel Line	1
60	0023745		Cooler, Chassis Fuel, Pierce Installed	1
61	0773950		Trans, Automatic, Allison 3000 EVS, w/(2) PTO Provsions, Commercial	1
62	0773949		Transmission, Shifter, Push Button, 5 Speed, Commercial	1
63	0011475		Transmission Oil Cooler, Internal, Commercial	1
64	0680324		Enable Allison Automatic Transmission Prognostics, Freightliner M2-106	1
65	0011370		Driveline, Commercial Chassis	1
66	0773977		Steering, Power w/Tilt/Telescope Column, Commercial	1
67	0096752		Winch, Warn, 9,000 lb. XD9000i, Portable Receiver, Synthetic, Polished Fairlead	1
68	0003176		Bumper Extension, 26", Commercial Chassis	1
69	0049963		Tow Eyes, Painted Black, Below Deck	1
70	0048682		Bumper, Center Section Hinged, w/Winch Receiver, w/Tray	1
71	0659662		Light, Amdor, AY-9220-72, 72" LED Strip Light, Front Bumper Cover	1
72	0698960		Coating, Top Flange, Front Bumper, Outside Exterior, Line-X Coating, Black	1
73	0582756		Cab, 4-door, Crew Cab High-Roof, Freightliner, M2-106	1
74	0769892		Cab Interior, Gray, w/Convenience Package, 4-Door Crew Cab, Freightliner	1
75	0668972		Grille, Chromed Plastic, w/Exterior Appearance Pkg, Freightliner	1
76	0548159		Mirrors, FLR, West Coast, 8"Convex, Heated, Remote,Bright,PS Aux, M2-106/112/114	1
77	0027013		Not Required, Peeper Window	1
78	0658617	SP	Step Package, Deluxe Alum 4-way, w/Rear Fuel Tank, 4-Door, Freightliner M2-106	1
79	0083115		Compartment for Booster Reel, Under RH Crew Cab	1
80	0083116		Compartment for Booster Reel, Crew Cab, Left Side	1
81	0509487		Lights, Cab Access Steps, P25, LED, 4Lts	1
82	0582793		Power Windows & Door Locks, Freightliner, 4-Door Cab	1
83	0689675		DELETE Rear Cab Window, Freightliner M2-106/112/114SD	1
84	0070598		Daytime Running Lts, Commercial	1
85	0773943		Air Conditioning, Commercial	1
86	0005940		Lights, Engine Compt, (2) Commercial Chassis	1
87	0534867		Console, Freightliner M2, 2/4 Door, Switches, Map Storage	1
88	0624106		Seating Capacity, Cab, 4-Door, Commercial Qty, - 04	4
89	0693656		Seats, Cab, Air Driver, w/911 Fixed Officer SCBA, Freightliner	1
90	0582137		Seats, 2-man 911w/SCBA, Non-Suspended, Outboard Positions, Freightliner	1
91	0553361		Bracket, SCBA, Air Bottle, Hands-Free II, Cab Seats, Commr Cab Qty, - 03	3
92	0597773		Seat Belt Web Length, NFPA Compliant, Commercial Chassis	1

Line	Option	Type	Option Description	Qty
93	0581771		Seat Belts, Orange, Commercial Chassis	1
94	0602464		Helmet Storage, Provided by Fire Department, NFPA 2016	1
95	0602637		Portable Hand Light, Provided by Fire Dept, Pumper NFPA 2016 Classification	1
96	0584358		Cab Instrumentation, Commercial Chassis	1
97	0034643		Panel, Emergency Switch, Located In Floor Mt'd Console	1
98	0005937		Light, Do Not Move Apparatus, Commercial Chassis	1
			Alarm, Do Not Move Truck - Steady Alarm	
99	0005926		Light, Open Door - Commercial Std	1
100	0072620		Wiper control, intermittent feature Commercial	1
101	0637219		NO RADIO, AM/FM	1
102	0626864		Not Required, Vehicle Information Center, No Multiplex System	1
103	0611591		Vehicle Data Recorder w/Seat Belt Monitor, Commercial	1
			VDR Primary Inputs - No Primary Input	
			VDR Additional Input - No Additional Input	
104	0696434		Antenna Mount, Commercial Chassis, Cable Routed to Console	2
			Qty, - 02	
105	0622833		Traditional Direct Wired Electrical System, Commercial Chassis	1
106	0623130		Electrical System, Freightliner M2-106, Pumper	1
107	0582830		Single Start, (3) Grp 31, 2280 CCA, Freightliner M2-106	1
108	0756602	SP	Batteries Relocated by Pierce to DS Deluxe Step Package,FLR with Rear Fuel	1
109	0072685		Selector, Single Start Battery, Commercial Chassis	1
110	0531315		Charger, Sngl Sys, IOTA, DSL-75, 75 Amp, Kussmaul 091-94-12 Ind, Qtm/Enf/SFR	1
111	0663649		Location, Charger, w/location feature	1
			Location - Behind drivers seat	
112	0567881		Location, Bat Chrg Ind, Driver's Seat Riser, Comm Chassis	1
113	0542439		Shoreline, 20A 120V, Straight Blade, NEMA 5-20, Red Cover	1
			Connection, Shoreline - Battery Charger, Air compressor and shoreline receptacles	
			Qty, Shoreline - 1	
114	0785088		Shoreline Location, Commercial Chassis/PMFD	1
			Location, Shoreline(s) - DS Pump Panel	
115	0655853		Electric Power Only, Portable Winch, Black & Red Covers, Qty 4 Plugs	1
			Location - Front- Rear and Side Receivers	
116	0621234		Alternator, 300 amp, Delco, 40SI, FLR	1
117	0002762		Load Manager, Kussmaul Mark I, (7) Channels	1
118	0072785		Cab Lighting, Commercial Chassis	1
119	0620054		Light, Directional/Marker, Intermediate, Weldon 9186-8580-29 LED 2lts	1
120	0627282		Lights, Clearance/Marker/ID, Rear, FRP LED Bar & P25 LED 4Lts	1
121	0564683		Lights, Tail, Wln M6BTT* Red LED Stop/Tail & M6T* Amber LED Dir Arw For Hsg	1
			Color, Lens - Colored	
122	0561471		Lights, Backup, Wln M6BUW, LED, For Tail Lt Housing	1
123	0664481		Bracket, License Plate & Light, P25 LED	1
124	0556842		Bezels, Wln, (2) M6 Chrome Pierce, For mtg (4) Wln M6 lights	1
125	0589905		Alarm, Back-up Warning, PRECO 1040	1
126	0769420		Lights, Perimeter Cab, Amdor AY-LB-12HW020 LED 4Dr	1
			Z location -	
127	0769572		Lights, Perimeter Pump House, Amdor AY-LB-12HW020 LED 2lts	1
128	0768520		Lights, Perimeter Body, Amdor AY-LB-12HW020 LED 2lts, Rear Step, Comm Chassis	1
			Control, Perimeter Lts - Parking Brake Applied	
129	0556360		Lights, Step, P25 LED 4lts, Pump Pnl Sw	1
130	0689891		Lights, Deck, Wln (2) PFBP12C LED Rear Flood Lights	1
			Switch, Scene Lt Cntrl - h)switch at rear	
131	0645676		Lights, Not Required, Hose Bed, Deck Lights At Rear	1
132	0645681		Lights, Not Required, Rear Work, Deck Lights At Rear	1
133	0709438		Light, Walking Surf, FRP Flood, LED	1
134	0640991		Light, Wln, 12V PCPSM2* Pioneer LED Fld/Spt, Surface Mnt 1st	2
			Location, Lights - Forward and rear on the RS Hatch Compartment	
			Qty, - 02	
			Switch, Lt Control 1 DC,1 - a) DS Switch Panel	
			Switch, Lt Control 2 DC,2 - DS Pump Panel	
			Switch, Lt Control 3 DC,3 - d) No Control	

Line	Option	Type	Option Description	Qty
134			Switch, Lt Control 4 DC,4 - d) No Control Color, Wln Lt Housing - Chrome Flange	
135	0640629		Light, Wln, 12V PCPSM1* Pioneer LED Fld/Spt, Surface Mount 1st Location, Lights - One each side high on rear body bulkheads Qty, - 02	2
136	0640941		Switch, Lt Control 1 DC,1 - a) DS Switch Panel Switch, Lt Control 2 DC,2 - f) Pump Operator's Panel Switch, Lt Control 3 DC,3 - c) DS Rear of Apparatus Switch, Lt Control 4 DC,4 - d) No Control Color, Wln Lt Housing - Chrome Flange Light, Wln, 12V PCPSM2* Pioneer LED Fld/Spt, Surface Mnt 2nd Location, Lights - Forward and rear on the LS Hatch Compartment Qty, - 02	2
137	0767308		Switch, Lt Control 1 DC,1 - a) DS Switch Panel Color, Lt Housing - Black Light, Visor, HiViz LED, FT-B-46-* LED Brow Lt, Mounted to Lightbar (Not Includ)	1
138	0693714		Pumper, Long, Aluminum, 2nd Gen, Saber/Commercial	1
139	0692368		Florida Value Discount, 2nd Generation Pumper	1
140	0504288		Tank, Water, 750 Gallon, Poly, Pumper Long, Full Depth Compartments	1
141	0003405		Overflow, 4.00" Water Tank, Poly	1
142	0028104		Foam Cell Required	1
143	0635329		Modified Poly Tank & Cradle, Ext'd To Rear, Pumper	1
144	0553725		Restraint, Water Tank, Heavy Duty, Special Type Tank, 4x4, or Export	1
145	0755536	SP	Tank Fill, 2.50", Auto, Akron 9330, On Rear Inlet	1
146	0003424		Not Required, Dump Valve	1
147	0048710		Not Required, Jet Assist	1
148	0030007		Not Required, Dump Valve Chute	1
149	0514778		Not Required, Switch, Tank Dump Master	1
150	0689065		Hose Bed, Aluminum, Saber/Commercial	1
151	0003482		Hose Bed Capacity, Additional Capacity, Hosebed - 1000' of 4" , 500' of 3" and 200' of 2.5"	1
152	0083488		Divider, Hose Bed, .25" Unpainted Qty, Hosebed Dividers - 2	2
153	0589278		Hose Restraint, Hose Bed, Velcro Strap on Top, 2" Heavy Nylon Web at Rear Type of fastener - seat belt buckle Nylon Web Color - Black Type of fastener, Rear - seat belt buckle - bottom of hosebed	1
154	0010133		Cross-Divider, Hose Bed	1
155	0683793		Hose Bed Floor, Reinforced, Light Tower Mounting	1
156	0013512		Running Boards, 12.75" Deep	1
157	0681365		Tailboard, 10" Deep, Full Width, Extended Substructure, Angled Corners	1
158	0690027		Wall, Rear, Smooth Aluminum/Body Material, Flush Rear Wall	1
159	0078558		Tow Bars, (2) w/Hitch Receiver, Rear/Sides, Under Body, No Wiring	1
160	0014117		Tray, Hose, Running Board, "Free Floating", 25' of 5" Location, Hose Tray, Running Board - a) both sides Qty, Tray, Hose - 2	2
161	0003561		Construction, Compt, Alum, Pumper	1
162	0594011		LS 171" Rollup, Full Height & Depth Front & Rear	1
163	0594008		RS 171" Rollup, Full Height & Depth Front & Rear	1
164	0594005		Doors, Rollup, Amdor, Side Compartments Qty, Door Accessory - 06 Color, Roll-up Door - AMDOR Painted to Match Lower Body Latch, Roll-up Door - Non-Locking Liftbar	6
165	0545606		Compt, Flush Rear, Rollup, 37.75" FF, 25.88" Deep	1
166	0594003		Door, Amdor, Rollup, Rear Compartment Color, Roll-up Door - AMDOR Satin Aluminum Latch, Roll-up Door - Non-Locking Liftbar	1

Line	Option	Type	Option Description	Qty
167	0625184		Guard, Drip Pan, S/S, Rollup Door, Pumper Qty, Door Accessory - 09 Location, Door Guard/Drip Pan - LS1, LS2, LS3, Eng Compt - LS, Eng Compt - RS, RS1, RS2, RS3 and B1	9
168	0659353		Lights, Compt, Amdor AY-9220 LED, Dual Light Strip Qty, - 09	9
169	0667431		Lights, Compt, Amdor, AY-9220-31, LED, 30.58", Additional Location, Lights - one in each hatch compartment Qty, - 04	4
170	0586655		171" Hatch, 28" Width, (2) Liftup, Pumper Location, Hatch Compt - Both Sides Qty, Hatch Compt - 2	2
171	0687146		Shelf Tracks, Painted Qty, Shelf Track - 07 Location, Shelf Track - LS1, LS2, LS3, RS1, RS2, RS3 and B1	7
172	0600350		Shelves, Adj, 500 lb Capacity, Full Width/Depth, Predefined Locations Qty, Shelf - 05 Material Finish, Shelf - Painted - Spatter Gray Location, Shelves/Trays, Predefined - .Location To Be Determined	5
173	0647091		Tray, Floor Mounted, Slide-Out, 500lb, 2.00" Sides Qty, - 02 Location, Tray Slide-Out, Floor Mounted - RS1 and LS3 Material Finish, Tray - Painted - Spatter Gray	2
174	0642221		Compt, Backboard Storage, Over Pump, Strap Size, Backboard - TBD Qty, Backboard Troughs - 1 Location, BB/Stokes/Long Tool Storage Over Pump - Rearward, Cargo Area Access, Backboard/Stokes/Long Tool Compt - Both	1
175	0799665		Hopper, Oil Dry, Roof Hatch, Enclosed Top, Access Cover Location - RS1 Right wall Latch, Door, Storage - Lift and Turn Latch, Flush, Pair Hopper Valve Location - Valve to be located at right wall of RS1 Hopper Discharge - Chute - Through Floor Exterior Hopper Capacity - 150 lbs - 25.3 gallons	1
176	0600281		Partition, Vertical Compartment, Predefined Locations Qty, Partition - 01 Location, Partition/Toolboard, Predefined - RS1 - 8.00" From Forward Door Frame Material Finish, Partition - Painted - Spatter Gray	1
177	0024016		Rub Rail, Aluminum Extruded, Side & Rear of Body	1
178	0784811		Fender Crowns, Rear, Stainless, w/Removable Liner Material Finish, Fender Liner - Painted	1
179	0519849		Not Required, Hose, Hard Suction	1
180	0592768		Troughs, (2), H.S.H., In Hatch Compt, w/Floor, w/Smooth Aluminum Rear Door Location, Hose Trough - b) right side	1
181	0626229		Handrails, Side Pump Panels, Per Print	1
182	0004126		Handrails, Beavertail, Standard	1
183	0004146		Handrail, Rear, Below Hose Bed, Full Width	1
184	0648325		Compt, Air Bottle, Double, Common Triple Door, Fender Panel Qty, Air Bottle Comp - 3 Door Finish, Fender Compt - Polished Location, Fender Compt - Double - LS Fwd, Double - RS Fwd and Double - RS Rear Latch, Air Bottle Compt - Southco C2, Chrome, Non-Locking Insert, Air Bottle Compt - Rubber Matting	3
185	0657651		Compt, Air Bottle, Double, Full Width Door, Fender Panel Qty, Air Bottle Comp - 1 Door Finish, Fender Compt - Polished Location, Fender Compt - Double - LS Rear Latch, Air Bottle Compt - Southco C2, Chrome, Non-Locking Insert, Air Bottle Compt - Rubber Matting	1
186	0004225		Ladder, 24' Duo-Safety 900A 2-Section	1
187	0004230		Ladder, 14' Duo-Safety 775A Roof	1

Line	Option	Type	Option Description	Qty
188	0673741	SP	Rack, Ladders, In LS Full Depth Body, RPH, Enclosed Door, Material & Finish, Ladder Storage - c) smooth aluminum Latch, Door Ladder Storage - D-Handle latch	1
189	0014245		Ladder, 10' Duo-Safety Folding 585A, w/Mounting Location, Folding Ladder - Ladder Compartment	1
190	0004259		Slides, Dura-Surf, Ladder Storage Rack	1
191	0602877		Pike Pole, Pumper, Provided by Fire Department, NFPA 2016 Pike Pole Make/Model - Duo-Safety 10' Pike Pole	1
192	0602875		Pike Pole, 6', Pumper, Provided by Fire Department, NFPA 2016 Pike Pole Make/Model - Duo-Safety 6' Pike Pole	1
193	0024388		No Steps Required, Front Of Body	1
194	0513734		Ladder, Zico Quic-Ladder, Model RL-2-6, RS Rear of Body	1
195	0004425		Pump, Waterous, CSU, 1500 GPM, Single Stage	1
196	0004481		Seal, Grafoil, Waterous	1
197	0559769		Trans, Pump, Waterous C20 Series	1
198	0635600		Pumping Mode, Stationary Only	1
199	0605126		Pump Shift, Air w/Manual Override, Split Shaft, Interlocked, Waterous	1
200	0003148		Transmission Lock-up, EVS	1
201	0004547		Auxiliary Cooling System	1
202	0014486		Not Required, Transfer Valve, Stage Pump	1
203	0777622		Valve, Relief Intake, Elkhart, w/Pressure Features Pressure Setting - 125 psig	1
204	0590183		Controller, Pressure, Pierce, Commercial Chassis	1
205	0673872		Primer, Trident, Air Prime, Air Operated, Automatic	1
206	0780364		Manuals, Pump, (2) Total, Electronic Copies	1
207	0602512		Plumbing, Stainless Steel and Hose, Single Stage Pump, Control Zone	1
208	0795135		Plumbing, Stainless Steel, w/Foam System	1
209	0004645		Inlets, 6.00" - 1250 GPM or Larger Pump	1
210	0004646		Cap, Main Pump Inlet, Long Handle, NST, VLH	1
211	0550697		Valve, Waterous Monarch w/Relief, RS Side Inlet, 6", Waterous Handwheel Control,	1
212	0550696		Valve, Waterous Monarch w/Relief, LS Side Inlet, 6", Waterous Handwheel Control	1
213	0084610		Valves, Akron 8000 series- All	1
214	0004660		Inlet, Left Side, 2.50"	1
215	0004680		Inlet, Right Side, 2.50"	1
216	0016158		Valve, Inlet(s) Recessed, Side Cntrl, "Control Zone" Qty, Inlets - 2	2
217	0004700		Control, Inlet, at Valve	1
218	0560446		Inlet, Rear, 4"-6" w/5" Plmb, Thru Tank, in Rear Compt, w/Bleeder Valve Inlet, Size - Six	1
219	0004799		Cap, Rear Inlet, Long Handle, VLH	1
220	0767411		Control, Rear Inlet, Akron 9333 Elec Controller, w/Override	1
221	0651464		Intake Relief Valve, Rear Inlet, Pressure Feature Pressure Setting - 150 psig	1
222	0092568		No Rear Auxiliary Inlet Requested	1
223	0563738		Valve, .75" Bleeder, Aux. Side Inlet, Swing Handle	1
224	0029043		Tank to Pump, (1) 3.00" Valve, 3.00" Plumbing	1
225	0004905		Outlet, Tank Fill, 1.50"	1
226	0004940		Outlet, Left Side, 2.50" Qty, Discharges - 02	2
227	0092570		Not Required, Outlets, Left Side Additional	1
228	0004945		Outlet, Right Side, 2.50" Qty, Discharges - 01	1
229	0092571		Not Required, Outlets, Right Side Additional	1
230	0048705		Outlet, 3.50" w/3.50", Right, Handwheel Valve, Brand - Akron	1
231	0092572		Not Required, Outlet, Front	1
232	0092575		Not Required, Outlet, Rear	1
233	0092574		Not Required, Outlet, Rear, Additional	1
234	0004990		Outlet, Front HB, 2.50" w/2.50" Plumbing Location - PS Hose Bed Qty, Discharges - 01	1

Line	Option	Type	Option Description	Qty
235	0085076		Caps for 1.50" to 3.00" Discharge, VLH	1
236	0563739		Valve, 0.75" Bleeder, Discharges, Swing Handle	1
237	0005091		Elbow, Left Side Outlets, 45 Degree, 2.50" FNST x 2.50" MNST, VLH	1
238	0035094		Not Required, Elbow, Left Side Outlets, Additional	1
239	0025091		Elbow, Right Side Outlets, 45 Degree, 2.50" FNST x 2.50" MNST, VLH	1
240	0089584		Not Required, Elbow, Right Side Outlets, Additional	1
241	0045099		Not Required, Elbow, Rear Outlets	1
242	0085695		Not Required, Elbow, Rear Outlets, Large, Additional	1
243	0001993		Elbow, Large Dia Outlet, 30 Deg, 3.50" FNST x 4.00" Storz	1
			Qty, - 1	
244	0062133		Control, Outlets, Manual, Pierce HW if applicable	1
245	0029106		Not Required, Deluge Outlet	1
246	0029302		No Monitor Requested	1
247	0029304		No Nozzle Req'd	1
248	0029107		No Deluge Mount	1
249	0015140		Crosslay, 1.50" Special Cap or Single Stack, (Pan Style)	1
			Capacity, Special Xlay - 300' of 1.75"	
			Qty, Crosslays - 1	
250	0029196		Not Required, 2.50" Crosslay	1
251	0063493		Speed, (2) 1.5" W/ Alum Tray, Top Mt/Side Cntrl, Spl. Cap.	1
			Capacity, Special Xlay - 200' of 1.75"	
252	0500535		Not Required, Hose Restraint, Crosslay/Speedlay	1
253	0505140		Cover, Crosslay, Stationary, Alum Treadplate	1
254	0676402		Reel, Booster, Below LS & RS Crew Cab Doors, 4 Dr, FL/KW Roller Assembly	1
			Fill in Blank - Nozzle size and brand TBD.	
			Finish, Reel - Painted Gray	
255	0005286		Switches, Reel Rewind, 2 Reels/2 Switches, @ Reel	1
256	0005305		Hose, Booster - (2) Reels w/150' of 1.00"/800 PSI	1
257	0010712		Capacity, (2) Hose Reel, Special	1
			Capacity, Reel - 150' of 1" Booster Hose	
258	0624936		Foam Sys, Husky 12, Single Agent, Multi Select Feature	1
			Discharge, Foam Locations - Rear Outlet Left Side, Speedlay Lower, Speedlay Center and Speedlay Upper	
			Discharge, Foam Locations - Rear Outlet Left Side, Speedlay Lower, Speedlay Center and Speedlay Upper	
259	0012126		Not Required, CAF Compressor	1
260	0552481		Refill, Foam Tank, Single Tank, Husky 12, Class A Foam	1
261	0031896		Demonstration, Foam System, Dealer Provided	1
262	0559077		Foam Cell, 30 Gallon, Not Reduce Water	1
			Type of Foam - Class "A"	
			Foam, Brand Name - TBD	
263	0505016		Drain, 1.00", Foam Tank #1, Husky 12 Foam System	1
264	0091079		Not Required, Foam Tank #2	1
265	0091112		Not Required, Foam Tank #2 Drain	1
266	0007575		Pump House, Side Control, 48", Control Zone	1
267	0032479		Pump Panel Configuration, Control Zone	1
268	0635355		Material, Pump Panels, Side Control Painted FormCoat Black	1
			Material Finish, Pump Panel, Side Control - Painted FormCoat Black	
			Material, Pump Panel, Side Control - Aluminum	
269	0005578		Panel, Pump Access - Right Side Only	1
270	0037731		Pump House Structure, Raised, Included with Ladder Storage	1
271	0785639		No Chassis Equipment/Pump House/Body Interference Identified,4Dr/2Dr Extd Cab	1
272	0583824		Light, Pump Compt, WIn 3SC0CDCR LED White	1
			Qty, - 01	
273	0536401		Gauges, Engine, Included With Pierce Pressure Controller	1
274	0005601		Throttle Included w/ Pressure Controller	1
275	0549333		Indicators, Engine, Included with Pressure Controller	1
276	0790784	SP	Enclosure, Rollup door, Amdor, LS Pump Panel,Inc Speedlays, PMFD	1
			Color, Roll-up Door - AMDOR Painted to Match Lower Body	
			Finish, Compartment Interior - Job color	
277	0790783	SP	Enclosure, Rollup door, Amdor, RS Pump Panel,Inc Speedlays, PMFD	1
			Color, Roll-up Door - AMDOR Painted to Match Lower Body	

Line	Option	Type	Option Description	Qty
277			Finish, Compartment Interior - Job color	
278	0005689		Gauges, 4.50" Master, Class 1, 30"-0-600psi	1
279	0038070		Gauge, 2.50" Pressure, Class 1, 30"-0-400psi	1
280	0536428		Gauge, Water Level, Pierce, In pressure Controller	1
281	0062992		Gauge, Foam Level, (1) Tank, Class 1, 5lt	1
282	0593161		Light Shield, S/S LED	1
283	0682488		Light Shield, S/S, PS LED	1
284	0006079		Air Horns, (2) Grover, On Sides Of Engine Hood	1
285	0791273		Location, Air Horn(s), Side of Engine Hood	1
286	0006064		Control, Air Horn, DS & PS Foot Sw	1
287	0525667		Siren, Wln 295SLSA1, 100 or 200 Watt	1
288	0065403		Location, Elect Siren, Overhead, Freightliner M2 -106/112/114SD	1
289	0076156		Control, Elec Siren, Head Only	1
290	0601306		Speaker, (1) Wln, SA315P, w/Pierce Polished Stainless Steel Grille, 100 watt	1
			Connection, Speaker - siren head	
291	0601552		Location, Speaker, Frt Bumper, Recessed, Right Side, Outside Frame,Inbrd (Pos 2)	1
292	0016080		Siren, Federal Q2B	1
293	0006095		Siren, Mechanical, Mounted Above Deckplate	1
			Location, Siren, Mech - a) Left	
294	0026163		Control, Mech Siren, DS & PS Foot Sw	1
295	0606721		Lightbar, Wln, Freedom IV-V, 60", R_RR__RR__RR_R	1
			Filter, Whl Freedom Ltbrs - No Filters	
296	0098344		Bracket, Lightbar, 5" High, 2" Higher Than Standard, Painted	1
			Fill in Blank - #10 White	
297	0524929		Lights, Front Zone, Wln LIN3 Super LED, Comm	1
298	0540687		Lights, Side Zone Lower, Wln M6* LED, Colored Lens, 3pr, Ovr 25	1
			Location, Lights Front Side - b)each side bumper	
			Color, Lt Side Front - Red	
			Color, Lt Side Middle - Red	
			Color, Lt Side Rear - Red	
			Location, Lights Mid Side - Under the Cab Doors	
			Location, Lights Rear Side - Rear Fender Panel	
299	0776272		Lights, Side, Wln C9L** LED 2nd	1
			Location, Lights - Forward on the DS hatch compartment	
			Qty, - 01	
			Color, Lights, Warning - Red Flashing	
			Color, Lens, LED's - Colored	
300	0776274		Lights, Side, Wln C9L** LED 1st	1
			Location, Lights - Forward on the PS hatch compartment	
			Qty, - 01	
			Color, Lights, Warning - Red Flashing	
			Color, Lens, LED's - Colored	
301	0564654		Lights, Rear Zone Lower, Wln M6* LED, Colored Lens, For Tail Light Housing	1
			Color, Lt DS Rear - r) DS Rear Lt Red	
			Color, Lt PS Rear - r) PS Rear Lt Red	
302	0778306		Lights, Rear/Side Up Zone, Wln C9L** LED 4lts	1
			Color, Lens, LED's - m)match LED's	
			Color, Lt, Side Rear Upper DS - Side Rear Upper red	
			Color, Lt, Side Rear Upper PS - Side Rear Upper red	
			Color, Lt, Rear Upper DS - DS Rear Upper red	
			Color, Lt, Rear Upper PS - PS Upper Rear red	
303	0006551		Not Required, Lights, Rear Upper Zone Blocking	1
304	0006615		Mtg, Rear Warn Lts, On Top of Compt	1
305	0791528		Light, Traffic Directing, Wln TAL65, 36.00" Long, TACTL5	1
			Activation, Traffic Dir L - Not Connected	
306	0551728		Location, Traf Dir Lt, Recessed with S/S Trim	1
307	0636794		Location, Traf Dir Lt Controller, in Cab, Within Reach of Driver, Commercial	1
308	0633079		Refrigerator, Norcold NR751BB, 2.7 cf AC/DC	1
			Location - Location TBD	
309	0006646		Electrical System, 120/240VAC, General Design	1
310	0675497		Generator, Harrison 15kW NCM (Next gen) Hydraulic, Hotshift PTO	1
			Generator Interlocks - Parking Brake	

Line	Option	Type	Option Description	Qty
311	0006645		Location, Hydraulic Generator Above Pump	1
			Location, Generator(s) - Over Pump, Centered	
312	0016752		Starting Sw, Truck Engine Powered Gen, Cab Sw Pnl	1
313	0016757		Not Required, Remote Start, Generator	1
314	0016740		Not Required, Fuel System	1
315	0016767		Not Required, Oil Drain Extension, Generator	1
316	0016771		Not Required, Routing Exhaust, Generator	1
317	0036738		Circuit Breaker Panel, Included With PTO Generator	1
			Location, Circuit Breaker Panel - LS3, Left Wall High	
318	0770576		Light Twr, CL SL442A-FS, 4-K20, 120VAC Lts, Cld 4lts	1
			Light, Strobe, Lt Tower - n) No Strobe Lt on Light Tower	
			Back Light - No Back Lighting	
			Color, Tower, CL - Gray with Black Lts	
319	0664468		Location, Light Tower, Front Hose Bed	1
320	0664794		Controller, Light Tower, Command Light, Wired Handheld	1
321	0664791		Location, Light Tower Controller, Driver's Side Front Body Compartment	1
322	0526992		Reel, Elect Cable, Akron, (3) Wire	1
			Qty, Cord Reels - 1	
			Reel Guide - a) Nylatron guide	
			Finish, Reel - Powder Coated Silver	
			Location, Electric Cord Reel - Above Pump, Right Side, 1 Reel	
323	0016828		Cord, Electric, 10/3 Black, 3 Wire	1
			Lengths of Elect Cord - 1	
			Feet of Black Cord - d)200	
			Connection, Cord - Direct connection	
324	0531897		Guide, Roller In Cargo Area Side Sheet	1
			Location - PS cargo area above pump	
			Qty, Roller Guide - 1	
325	0026852		Receptacle, 30A 240V 3-Pr 3-Wr TL, L6-30, Sw Loc Feature, Gen, Wtrprf	1
			Qty, - 01	
			Location 1 - Front bumper near the reels	
326	0519545		Brand, Hydraulic Tool System, Amkus	1
327	0649753		Not Required, PTO Driven Hydraulic Tool System	1
328	0797086		Power Supply, Amkus, 240 VAC, EF2S-STD, 10,500 PSI	1
			Qty, - 01	
			Location, Power Unit - TBD	
329	0652409		Hose, Hydra., Amkus, 20'-30', Twin Line, Connection	2
			Qty, - 02	
			Color, Hydraulic Hose 1 - c) blue/yellow	
			Color, Hydraulic Hose 2 - f) red/red	
			Color, Hydraulic Hose 3 - n) no hose required	
			Location - TBD	
			Color, Hydraulic Hose 4 - n) no hose required	
			Color, Hydraulic Hose 5 - n) no hose required	
			Color, Hydraulic Hose 6 - n) no hose required	
330	0652414		Hose, Hydra., Amkus, 100', Twin Line	2
			Qty, - 02	
			Color, Hydraulic Hose 1 - b) yellow/black	
			Color, Hydraulic Hose 2 - c) blue/yellow	
			Color, Hydraulic Hose 3 - n) no hose required	
			Location - Reels in the front bumper	
			Color, Hydraulic Hose 4 - n) no hose required	
			Color, Hydraulic Hose 5 - n) no hose required	
			Color, Hydraulic Hose 6 - n) no hose required	
331	0652752		Reel, Hyd, Hannay, Front Bumper, 100' Cap., .25" Dual Hose (Any Make Tool)	2
			Qty, Reel - 2	
			Brand, Model, Age of Tool - Amkus	
			Reel Guide - b) Captive roller	
332	0024055		Fluid, Mineral Oil, One Gallon (fills 1 reel)	3
			Qty, - 03	
333	0555978		Mounting, Power Supply, Hydraulic, Hatch Compartment	1
			Location - TBD	
			Qty, - 1	
			Brand, Model, Age of Tool - AMKUS	



Line	Option	Type	Option Description	Qty
334	0007150		Bag of Nuts and Bolts	1
			Qty, Bag Nuts and Bolts - 1	
335	0602516		NFPA Required Loose Equipment, Pumper, NFPA 2016, Provided by Fire Department	1
336	0602407		Soft Suction Hose, Provided by Fire Department, Pumper NFPA 2016 Classification	1
337	0027023		No Strainer Required	1
338	0602538		Extinguisher, Dry Chemical, Pumper NFPA 2016 Class, Provided by Fire Department	1
339	0602360		Extinguisher, 2.5 Gal. Pressurized Water, Pumper NFPA 2016, Provided by Fire Dept	1
340	0602679		Axe, Flathead, Pumper NFPA 2016 Classification, Provided by Fire Department	1
341	0602667		Axe, Pickhead, Pumper NFPA 2016 Classification, Provided by Fire Department	1
342	0607712		Paint Process / Environmental Requirements	1
343	0583864		Paint by Pierce, Any Color, Commercial Chassis, 4-Door, PMFD	1
			Paint, Color - #379 Metallic Blue	
344	0586532		Chassis Paint, Order BLACK for Repaint by Pierce	1
345	0583911		Paint, 2-Tone by PIERCE, Special Paint BREAK, 4-Door Cab	1
			Paint Color, Commercial, Upper - #10 White	
346	0582663		Paint, Chassis Frame Assy, Black, by Commercial Chassis Mfgr	1
347	0651185		Paint, Wheels, NOT REQUIRED - ALUMINUM WHEELS, Commercial	1
348	0651164		Wheels, Accent Stripe NOT REQUIRED	1
349	0007230		Compartment, Painted, Spatter Gray	1
350	0544124		Reflective Band, 1"-4"-1"	1
			Color, Reflect Band - A - i) gold	
			Color, Reflect Band - B - l) white	
			Color, Reflect Band - C - ze) gold	
351	0536954		Stripe, Chevron, Rear, Diamond Grade, Pumper	1
			Color, Rear Chevron DG - fluorescent yellow green	
352	0027341		Jog, In Reflective Stripe, Single or Multiple	1
			Qty, - 1	
353	0022087		"Z" Ribbon, w/Shade in Reflective Stripe, Pair	1
			Qty, - 1	
354	0065785		Stripe, Reflective, Cab Drs Interior, Commercial Cabs, 4dr	1
			Color, Reflective - a) white	
355	0017773		Stripe, Gold Leaf, Side of Body, Over Fender Only, Single Axle	1
356	0027285		Stripe, Gold Leaf, Side of Cab, Low and Over Fender	1
357	0027372		Lettering Specifications, (GOLD STAR Process)	1
358	0686425		Lettering, Gold Leaf, 3.00", (81-100)	1
			Outline, Lettering - Outline	
359	0686201		Lettering, Gold Leaf, 10.00", (1-20)	1
			Outline, Lettering - Outline	
360	0686010		Lettering, Reflective, 6.00", (21-40)	1
			Outline, Lettering - Outline and Shade	
361	0766245		Manual, Fire Apparatus Parts, USB, Body Parts Only, Commercial Product	1
362	0766243		Manual on USB Flash Drive, Service, Commercial	1
363	0002902		Manual, Commercial Chassis Operation	1
364	0080008		Warranty, Basic, 1 Year, Apparatus, Commercial Chassis, WA0008	1
365	0681678		Warranty, Basic Vehicle, 3 yrs or 100,000 Miles, FL M2-106/112/114SD	1
366	0595813		Warranty, Paint, 10 Year, Cab, Pro-Rate, WA0055	1
367	0708760		Warranty, Not Applicable, LED Strip Lights	1
368	0021516		Warranty, 5-Year EVS Transmission, Standard Comm, WA0187	1
369	0688798		Warranty, Water Tank, Lifetime, UPF, Poly Tank, WA0195	1
370	0596025		Warranty, Structure, 10 Year, Body, WA0009	1
371	0693126		Warranty, AMDOR, Roll-up Door, 10 Year/5 Year Painted, WA0185	1
372	0063510		Warranty, Pump, Waterous, 5 Year Parts, WA0225	1
373	0648675		Warranty, 10 Year S/S Pumbing, WA0035	1
374	0657846		Warranty, Foam System, Husky 12, WA0231	1
375	0609981		Warranty, Harrison Generator, 6 Year, WA0285	1
376	0595820		Warranty, Paint, 10 Year, Body, Pro-Rate, WA0057	1
377	0595421		Warranty, Goldstar, 3 Year, Apparatus, WA0018	1
378	0683627		Certification, Vehicle Stability, CD0156	1
379	0544897		Certification, Cab Integrity, Freightliner, CD0022	1

Line	Option	Type	Option Description	Qty
380	0545073		Amp Draw Report, NFPA Current Edition	1
381	0002758		Amp Draw, NFPA/ULC Radio Allowance	1
382	0000017		FLORIDA DIVISION BODY	1
383	0000015		FLORIDA DIVISION COMMERCIAL CHASSIS	1
384	0004713		ENGINE, OTHER	1
385	0046395		EVS 3000 Series TRANSMISSION	1
386	0020011		WATEROUS PUMP	1
387	0020009		POLY TANK	1
388	0028048		FOAM SYSTEM	1
389	0020006		SIDE CONTROL	1
390	0020007		AKRON VALVES	1
391	0020909		ABS SYSTEMS, Commercial	1
392	0658751		Manufacturing Attribute	1

## Kents Store Volunteer Fire Company

Atlantic Emergency Solutions is pleased to submit a proposal to Kents Store Volunteer Fire Company for a **Pierce® triple combination pumper** per your request for quotation. The following paragraphs will describe in detail the apparatus, construction methods, and equipment proposed. This proposal will indicate size, type, model and make of components parts and equipment, providing proof of compliance with each and every item (except where noted) in the departments advertised specifications.

PIERCE MANUFACTURING was incorporated in 1913. Since then we have been building bodies with one (1) philosophy, "BUILD THE FINEST". Our skilled craftsmen take pride in their work, which is reflected, in the final product. We have been building fire apparatus since the early "forties" giving Pierce Manufacturing over 75 years of experience in the fire apparatus market. Pierce Manufacturing has built and put into service more than 28,500 apparatus on commercial chassis, and more than 33,900 on Pierce custom chassis designed and built specifically for fire and emergency applications. Our Appleton, Wisconsin facility has over 870,000 total square feet of floor space situated on approximately 105 acres of land. Our Bradenton, Florida facility has 300,000 square feet of floor space situated on approximately 38 acres of land. A multi-million dollar inventory of parts is available to keep your unit in service long after it has left the factory.

Our beliefs in high ethical standards are carried through in all of our commitments and to everyone with whom we do business. Honesty, Integrity, Accountability and Citizenship are global tenets by which we all live and work. Consequently, we neither engage in, nor have we ever been convicted of price fixing, bid rigging, or collusion in any domestic or international fire apparatus market.

Pierce has only one brand of fire apparatus "Pierce", ensuring you are receiving top of the line product that meets your specification.

In accordance with the current edition of NFPA 1901 standards, this proposal will specify whether the fire department, manufacturer, or apparatus dealership will provide required loose equipment.

Images and illustrative material in this proposal are as accurate as known at the time of publication, but are subject to change without notice. Images and illustrative material is for reference only, and may include optional equipment and accessories and may not include all standard equipment.

### **GENERAL DESIGN AND CONSTRUCTION**

To control quality and ensure the compatibility of all the components, Pierce specifically designs the pump module, body, and electrical system to properly integrate and function with the commercial cab and chassis.

All welding, assembly and paint work will be done in Pierce owned manufacturing facilities. This includes, but not limited to the pumphouse module assembly, the body and the electrical system.

### **QUALITY AND WORKMANSHIP**

Pierce has set the pace for quality and workmanship in the fire apparatus field. Our tradition of building the highest quality units with craftsmen second to none has been the rule right from the beginning and we demonstrate that ongoing commitment by: Ensuring all steel welding follows American Welding Society D1.1-2004 recommendations for structural steel welding. All aluminum welding follows American Welding society and ANSI D1.2-2003 requirements for structural welding of aluminum. All sheet metal welding follows American welding Society B2.1-2000 requirements for structural welding of

## Kents Store Volunteer Fire Company

sheet metal. Our flux core arc welding uses alloy rods, type 7000 and is performed to American Welding Society standards A5.20-E70T1. Furthermore, all employees classified as welders are tested and certified to meet the American welding Society codes upon hire and every three (3) years thereafter. Pierce also employs an American Welding Society certified welding inspector in plant during working hours to monitor weld quality.

Pierce Manufacturing operates a Quality Management System under the requirements of ISO 9001. These standards sponsored by the International Organization for Standardization (ISO) specify the quality systems that are established by the manufacturer for design, manufacture, installation and service. A copy of the certificate of compliance is included with this proposal.

In addition to the Quality Management system, we also employ a Quality Achievement Supplier program to insure the vendors and suppliers that we utilize meet the high standards we demand. That is just part of our overall "Quality at the Source" program at Pierce.

To demonstrate the quality of our products and services, a list of at least twenty five (25) fire departments/municipalities that have purchased vehicles for a second time is provided.

### **DELIVERY**

The apparatus will be delivered under its own power to insure proper break-in of all components while the apparatus is still under warranty. A qualified delivery representative shall deliver the apparatus and remain for a sufficient length of time to instruct personnel in proper operation, care and maintenance of the equipment delivered.

### **MANUAL AND SERVICE INFORMATION**

At time of delivery, complete operation and maintenance manuals covering the apparatus will be provided. A permanent plate will be mounted in the driver's compartment specifying the quantity and type of fluids required including engine oil, engine coolant, transmission, pump transmission lubrication, pump primer and drive axle.

### **SAFETY VIDEO**

At the time of delivery Pierce will also provide one (1) 39-minute, professionally produced apparatus safety video, in DVD format. This video will address key safety considerations for personnel to follow when they are driving, operating, and maintaining the apparatus, including the following: vehicle pre-trip inspection, chassis operation, pump operation, aerial operation, and safety during maintenance.

### **PERFORMANCE TESTS**

A road test will be conducted with the apparatus fully loaded and a continuous run of no less than ten (10) miles. During that time the apparatus will show no loss of power nor will it overheat. The transmission drive shaft or shafts and the axles will run quietly and be free of abnormal vibration or noise. The apparatus when fully loaded will not have less than 25 percent nor more than 50 percent on the front axle, and not less than 50 percent nor more than 75 percent on the rear axle. The apparatus will meet NFPA 1901 acceleration and braking requirements.

**SERVICE AND WARRANTY SUPPORT**

Pierce dealership support will be provided by Atlantic Emergency Solutions by operating a Pierce authorized service center. The service center will have factory-trained mechanics on staff versed in Pierce fire apparatus. The service facility will be located within fifty (50) miles of the fire department.

In addition to the dealership, Pierce has service facilities located in both, Weyauwega, Wisconsin and Bradenton, Florida. Pierce also maintains a dedicated parts facility of over 100,000 square feet in Appleton, Wisconsin. The parts facility stocks in excess of \$5,000,000 in parts dedicated to service and replacement parts. The parts facility employs a staff dedicated solely for the distribution and shipment of service and replacement parts.

Service parts for the apparatus being proposed can be found via Pierceparts.com which, is an interactive online tool that delivers information regarding your specific apparatus as well as the opportunity to register for training classes.

As a Pierce customer you have the ability to view the complete bill of materials for your specific apparatus, including assembly drawings, piece part drawings, and beneficial parts notations. You will also have the ability to search the complete Pierce item master through a parts search function which offers all Pierce SKU's and descriptions offered on all Pierce apparatus. Published component catalogs, which include proprietary systems along with an extensive operators manual library is available for easy reference.

Pierce Manufacturing maintains a dedicated service and warranty staff of over 35 personnel, dedicated to customer support, which also maintains a 24 hour 7 day a week toll free hot line, four (4) on staff EVTs, and offers hands-on repair and maintenance training classes multiple times a year.

**LIABILITY**

The successful bidder will defend any and all suits and assume all liability for the use of any patented process including any device or article forming a part of the apparatus or any appliance furnished under the contract.

**INSURANCE PROVIDED BY BIDDER**

**COMMERCIAL GENERAL LIABILITY INSURANCE**

The successful bidder will, during the performance of the contract and for three (3) years following acceptance of the product, keep in force at least the following minimum limits of commercial general liability insurance:

Each Occurrence\$1,000,000

Products/Completed Operations Aggregate\$1,000,000

Personal and Advertising Injury\$1,000,000

General Aggregate\$2,000,000

Coverage will be written on a Commercial General Liability form. The policy will be written on an occurrence form and will include Contractual Liability coverage for bodily injury and property

## Kents Store Volunteer Fire Company

damage subject to the terms and conditions of the policy. The policy will include Owner as an additional insured when required by written contract.

### **COMMERCIAL AUTOMOBILE LIABILITY INSURANCE**

The successful bidder will, during the performance of the contract, keep in force at least the following minimum limits of commercial automobile liability insurance and coverage will be written on a Commercial Automobile liability form:

Each Accident Combined Single Limit:\$1,000,000

### **UMBRELLA/EXCESS LIABILITY INSURANCE**

The successful bidder will, during the performance of the contract and for three (3) years following acceptance of the product, keep in force at least the following minimum limits of umbrella liability insurance:

Aggregate:\$3,000,000

Each Occurrence:\$3,000,000

The umbrella policy will be written on an occurrence basis and at a minimum provide excess to the bidder's General Liability and Automobile Liability policies.

The required limits can be provided by one (1) or more policies provided all other insurance requirements are met.

Coverage will be provided by a carrier(s) rated A- or better by A.M. Best.

All policies will provide a 30-day notice of cancellation to the named insured. The Certificate of Insurance will provide the following cancellation clause: Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.

Bidder agrees to furnish owner with a current Certificate of Insurance with the coverages listed above along with the bid. The certificate will show the purchaser as certificate holder.

### **INSURANCE PROVIDED BY MANUFACTURER**

#### **PRODUCT LIABILITY INSURANCE**

The manufacturer will, during the performance of the contract and for three (3) years following acceptance of the product, keep in force at least the following minimum limits of Product Liability insurance:

Each Occurrence\$1,000,000

Products/Completed Operations Aggregate\$1,000,000

Coverage will be written on a Commercial General Liability form. The policy will be written on an occurrence form. The manufacturer's policy will include the owner as additional insured when required by written contract between the Owner and a Pierce authorized dealer.

**UMBRELLA/EXCESS LIABILITY INSURANCE**

The manufacturer will, during the performance of the contract and for three (3) years following acceptance of the product, keep in force at least the following minimum limits of umbrella liability insurance:

Each Occurrence:\$25,000,000

Aggregate:\$25,000,000

The umbrella policy will be written on an occurrence basis and provide excess to the manufacturer's General Liability/Products policies.

The required limits can be provided by one (1) or more policies provided all other insurance requirements are met.

Coverage will be provided by a carrier(s) rated A- or better by A.M. Best.

All policies will provide a 30-day notice of cancellation to the named insured. The Certificate of Insurance will provide the following cancellation clause: Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.

Manufacturer agrees to furnish owner with a current Certificate of Insurance with the coverages listed above along with the bid. The certificate will show the purchaser as the certificate holder.

Your apparatus will be manufactured in Bradenton, Florida.

**NFPA 2016 STANDARDS**

This apparatus specification includes a commercial chassis that has not been certified to meet the requirements of NFPA 1901 by the chassis manufacturer. Although this chassis may comply with certain aspects of the standard, Pierce has not received certification from this chassis manufacturer that all criteria have been met. The body as built by the manufacturer must comply with the NFPA standards effective January of 2016.

Certification of slip resistance of all stepping, standing and walking surfaces must be supplied with delivery of the apparatus.

All horizontal surfaces designated as a standing or walking surface that are greater than 48.00" above the ground must be defined by a 1.00" wide line along its outside perimeter. Perimeter markings and designated access paths to destination points will be identified on the customer approval print and are shown as approximate. Actual location(s) will be determined based on materials used and actual conditions at final build. Access paths may pass through hose storage areas and opening or removal of covers or restraints may be required. Access paths may require the operation of devices and equipment such as the aerial device or ladder rack.

A plate that is highly visible to the driver while seated will be provided. This plate will show the overall height, length, and gross vehicle weight rating.

## Kents Store Volunteer Fire Company

The manufacturer will have programs in place for training, proficiency testing and performance for any staff involved with certifications.

An official of the company will designate, in writing, who is qualified to witness and certify test results.

### **NFPA COMPLIANCY**

Apparatus proposed by the bidder will meet the applicable requirements of the National Fire Protection Association (NFPA) as stated in the current edition at time of contract execution. Fire Department's specifications that differ from NFPA specifications will be indicated in the proposal as "non-NFPA."

### **PUMP TEST**

The rated water pump will be tested, approved, and certified by an ISO certified independent third party testing agency at the manufacturer's expense. The test results, along with the pump manufacturer's certification of hydrostatic test, the engine manufacturer's certified brake horsepower curve, and the manufacturer's record of pump construction details will be forwarded to the Fire Department.

### **GENERATOR TEST**

If the unit has a generator, the generator will be tested, approved, and certified by an ISO certified independent third party testing agency at the manufacturer's expense. The test results will be provided to the Fire Department at the time of delivery.

### **BID BOND**

A bid bond as security for the bid in the form of a 10% bid bond will be provided with the proposal. This bid bond will be issued by a Surety Company who is listed on the U.S. Treasury Departments list of acceptable sureties as published in Department Circular 570. The bid bond will be issued by an authorized representative of the Surety Company and will be accompanied by a certified power of attorney dated on or before the date of bid. The bid bond will include language which assures that the bidder/principal will give a bond or bonds, as may be specified in the bidding or contract documents, with good and sufficient surety for the faithful performance of the contract, including the Basic One (1) Year Limited Warranty, and for the prompt payment of labor and material furnished in the prosecution of the contract.

Notwithstanding any document or assertion to the contrary, any surety bond related to the sale of a vehicle will apply only to the Basic One (1) Year Limited Warranty for such vehicle. Any surety bond related to the sale of a vehicle will not apply to any other warranties that are included within this bid (OEM or otherwise) or to the warranties (if any) of any third party of any part, component, attachment or accessory that is incorporated into or attached to the vehicle. In the event of any contradiction or inconsistency between this provision and any other document or assertion, this provision will prevail.

### **PERFORMANCE BOND, 1 YEAR**

The successful bidder will furnish a Performance and Payment bond (Bond) equal to 100 percent of the total contract amount within 30 days of the notice of award. Such Bond will be in a form acceptable to the Owner and issued by a surety company included within the Department of Treasury's Listing of Approved Sureties (Department Circular 570) with a minimum A.M. Best Financial Strength Rating of A and Size Category of XV. In the event of a bond issued by a surety of a lesser Size Category, a minimum Financial Strength rating of A+ is required.



## Kents Store Volunteer Fire Company

Bidder and Bidder's surety agree that the Bond issued hereunder, whether expressly stated or not, also includes the surety's guarantee of the vehicle manufacturer's Basic One (1) Year Limited Warranty period included within this proposal. Owner agrees that the penal amount of this bond will be simultaneously amended to 25 percent of the total contract amount upon satisfactory acceptance and delivery of the vehicle(s) included herein. Notwithstanding anything contained within this contract to the contrary, the surety's liability for any warranties of any type will not exceed one (1) year from the date of such satisfactory acceptance and delivery, or the actual Basic One (1) Year Limited Warranty period, whichever is shorter.

### **APPROVAL DRAWING**

A drawing of the proposed apparatus will be prepared and provided to the purchaser for approval before construction begins. The Pierce sales representative will also be provided with a copy of the same drawing. The finalized and approved drawing will become part of the contract documents. This drawing will indicate the chassis make and model, location of the lights, siren, horns, compartments, major components, etc.

A "revised" approval drawing of the apparatus will be prepared and submitted by Pierce to the purchaser showing any changes made to the approval drawing.

### **ELECTRICAL WIRING DIAGRAMS**

Two (2) electrical wiring diagrams, prepared for the body as it interfaces with the commercial chassis, will be provided.

### **CHASSIS**

The chassis will be a Freightliner, Model M2, 106MD Conventional Chassis, supplied with the following equipment:

### **WHEELBASE**

The wheelbase of the vehicle will be 263.5".

### **GVW RATING**

The gross vehicle weight rating will be 43,000 lbs..

### **FRAME**

The frame rails will be formed from 120,000 psi yield, heat treated alloy steel. The frame rails will be E-coated prior to painting.

### **FRAME LINER**

An 0.25" inner frame reinforcement will be provided.

The frame section properties will be:

- Section Modulus: 26.80 cubic inch, per rail
- RBM: 3,217,000 in-lb, per rail
- Yield Strength: 120,000 psi, per rail

**FRONT AXLE**

Front axle will be an "I" beam type, made of forged steel. It will have a ground rating capacity of 16,000 pounds.

**FRONT SUSPENSION**

Taper leaf spring

Capacity at Ground: 16,000 lb

Shock absorbers will be provided on the front axle.

**FRONT BRAKES**

The front brakes will be S-Cam, 16.50" x 6.00". The front brakes will be provided with automatic slack adjusters.

**TIRE BRAND**

The default brand of tire for the commercial chassis manufacturer for this apparatus is Michelin.

However, the commercial chassis manufacturer reserves the right to substitute brands and models of tire as may be available at the factory on the date of manufacture. They will provide the proper tread style and weight rating for the position in which the tire is installed.

Pierce Manufacturing and the chassis manufacturer are working to provide the brand of tire specified. However, due to shortages (and even model changes by the tire manufacturers), if the chassis manufacturer substitutes other tires, they will not be changed by Pierce.

**TIRES, FRONT**

Front tires will be 315/80R22.50, radial tires with a tread pattern suitable for the steering axle position. The capacity of the tires will meet or exceed the rating of the axle and/or suspension.

**WHEELS, FRONT**

Wheels for the front axle will be 22.50" x 9.00" polished aluminum disc.

**REAR AXLE**

The single reduction rear axle will be a Meritor™, Model RS-26-185, with a ground rating capacity of 27,000 lb.

The brake chambers will be forward mounted.

**PARKING BRAKE**

The parking brake will be spring set and located on the rear axle service brake.

Rear axle brakes will be 16.50" x 7.00", S-Cam drum type brakes. Automatic slack adjusters will be provided.

**REAR AXLE RATIO**

A rear axle ratio will be furnished to allow the vehicle to reach a top speed of 68 MPH.

**REAR SUSPENSION**

The rear suspension will be spring multi-leaf with a capacity at ground level of 27,000 lbs.

**DUST SHIELDS**

The front and rear brakes will be provided with dust shields.

**TIRES, REAR**

Rear tires will be 12R22.50 radial tires with a traction tread pattern suitable for the drive axle position. The tires will meet or exceed the weight rating of the axle and/or suspension.

**WHEELS, REAR**

The rear wheels will be 22.50" x 8.25" disc. The outer wheel will be polished aluminum and the inner wheel will be steel.

**TIRE PRESSURE MANAGEMENT**

There will be a RealWheels LED AirSecure™ tire alert pressure management system provided, that will monitor each tire's pressure. A sensor will be provided on the valve stem of each tire for a total of six (6) tires.

The sensor will calibrate to the tire pressure when installed on the valve stem for pressures between 10 and 200 psi. The sensor will activate an integral battery operated LED when the pressure of that tire drops 5 to 8 psi.

Removing the cap from the sensor will indicate the functionality of the sensor and battery. If the sensor and battery are in working condition, the LED will immediately start to flash.

**CHROME LUG NUT COVERS**

Chrome lug nut covers will be supplied on front and rear wheels.

**AUTOMATIC TIRE CHAINS**

One (1) pair of Rud 10-strand automatic tire chains will be provided at the rear axle. The system will be an electric-over-air type. A switch to engage/disengage the chains will be provided on the cab instrument panel. This system will be operable at speeds up to 35 mph.

**WHEEL CHOCKS**

There will be one (1) pair of Checkers Industrial Products AT3514-AC-Y yellow urethane wheel chocks provided. The wheel chocks can be used on a tire diameter up to 46.00".

**WHEEL CHOCK BRACKETS**

There will be one (1) pair of Checker Brand horizontal mounting wheel chock brackets provided for the Checker AT2514-AC-R wheel chocks.

The brackets will be zinc plated. The brackets will be mounted Under LS 3.

### **ANTI-LOCK BRAKE SYSTEM**

The vehicle will be equipped with an anti-lock braking system. The ABS will provide anti-lock braking control on both the front and rear wheels. It will be a digitally controlled system that utilizes microprocessor technology to control the anti-lock braking system. Each wheel will be monitored by the system. When any particular wheel begins to lockup, a signal will be sent to the control unit. This control unit then will reduce the braking of that wheel for a fraction of a second and then reapply the brake. This anti-lock brake system will eliminate the lockup of any wheel thus helping to prevent the apparatus from skidding out of control.

The system will include Automatic Traction Control (ATC).

The system will include Electronic Stability Control (ESC). When instability is detected, the ESC system will automatically apply brakes to individual wheels (with no intervention from the driver) and may also reduce engine torque to help keep the vehicle on track.

### **AIR COMPRESSOR, BRAKE SYSTEM**

The air compressor will have an output of 18.7 cubic feet per minute.

### **AIR DRYER**

An air dryer with a heater will be provided. Other features of this air dryer include:

- Desiccant style filter
- In-line filtration system
- Automatic purge valve

### **AIR INLET**

A single air inlet with male coupling will be provided. It will allow station air to be supplied to the apparatus brake system through a shoreline hose. The inlet will be located in the driver side lower step well of cab. A check valve will be provided to prevent reverse flow of air. The inlet will discharge into the "wet" tank of the brake system. A mating female coupling will also be provided with the loose equipment.

### **AIR TANK, ADDITIONAL**

One (1) additional air tanks with total of 1452 cubic inch displacement will be provided to increase the capacity of the main air brake system. This tank will be plumbed into the rear half of the brake system. The air tank will be primed and painted to meet a minimum 750 hour salt spray test. To reduce the effects of corrosion, the air tanks will be mounted with stainless steel brackets.

The output flow of the engine air compressor will vary with engine rpm. Full compressor output will only be achieved at governed engine speed. Engine speed will be limited by generators, pumps and other PTO driven options.

### **AIR COMPRESSOR - BRAKE SYSTEM MAINTENANCE**

A Kussmaul, Model 091-HP-AD, air compressor with Auto Drain will be provided. It will be driven by the 120-volt shoreline electrical system and will be located Behind the driver's seat.

The compressor will maintain the air pressure in the chassis air brake system while the vehicle is not in use.

A pressure switch will sense when the system pressure drops and automatically start the compressor, which then will run until pressure is restored.

### **ENGINE**

- Model: Electronic Cummins L9
- Number of Cylinders: Six (6)
- Bore and Stroke: 4.49" x 5.69"
- Displacement: 543 cubic inches (8.9 Liter)
- Rated Brake Horsepower: 350 at 2000 rpm
- Peak Torque: 1000 at 1400 rpm
- Governed rpm: 2200
- Turbocharger
- Charge Air Cooled
- Fuel System: Hydraulically Actuated, Electronically Controlled Unit Injectors (HEUI)

### **ENGINE ACCESSORIES**

- Air Cleaner: Dry type, with restriction indicator in cab
- Fuel Filters: Dual, with check valve
- Governor: Limiting speed type
- Lube Oil Cooler
- Lube Oil Filter: Full flow
- Starting Motor: 12-volt
- Oil Fill and Level Gauge

### **RADIATOR**

- Pressurized System, Tube and Fin
- Deaeration Tank and Sight Glass
- Anti-Freeze Protection -30 Degrees Fahrenheit

### **HIGH IDLE**

A high idle switch will be provided on the instrument panel inside the cab. Activating the switch will cause the vehicle to automatically maintain a preset engine rpm.

The high idle switch will be operational only when the parking brake is on and the truck transmission is in neutral. A green indicator light will be provided adjacent to the switch. The light will be labeled "OK To Engage High Idle."

### **ENGINE BRAKE**

A Cummins C-Brake engine brake is to be installed with the controls located on the instrument panel within easy reach of the driver. The driver will be able to turn the brake system "On" or "Off" and have at least a "High & Low" setting.

### **FUEL/WATER SEPARATOR**

A Detroit fuel/water separator will be provided on the chassis. It will include a "water in fuel" sensor, hand primer and a 12-volt pre-heater.

### **AIR INTAKE, W/EMBER SEPARATOR**

The air inlet will be equipped with a stainless steel mesh to separate water and burning embers from the air intake system such that particulate matter larger than 0.039" (1.0 mm) in diameter cannot reach the air filter element.

This will comply with NFPA 1901 and 1906 standards.

### **EXHAUST SYSTEM**

The exhaust system will include a diesel particulate filter (DPF) and a selective catalytic reduction (SCR) device to meet current EPA standards. The DPF and SCR will be mounted horizontally outside of the frame rails in the right side front step area.

### **EXHAUST MODIFICATIONS**

The exhaust will terminate with a horizontal tailpipe and diffuser ahead of the right side rear wheels.

A heat deflector shield will be provided where the tail pipe is routed under any side compartmentation.

All modifications will be approved by the chassis engine manufacturer and/or the chassis OEM. Exhaust treatment devices will not be altered.

### **COOLANT LINES**

Gates Blue Stripe rubber hose will be used for all engine coolant lines installed by the chassis manufacturer.

Hose clamps will be the constant torque type to prevent coolant leakage. They will expand and contract according to coolant system temperature thereby keeping a constant clamping pressure on the hose.

### **FUEL TANK**

A 50 gallon fuel tank will be provided and mounted at the rear of the chassis. The tank will be constructed of 12-gauge, hot rolled steel. It will be equipped with swash partitions and a vent. To eliminate the effects of corrosion, the fuel tank will be mounted with stainless steel straps.

A .75" drain plug will be provided in a low point of the tank for drainage.

A fill inlet will be located on the driver's side of the body and will be covered with a hinged, spring loaded, stainless steel door that is marked "Diesel Fuel Only".

## Kents Store Volunteer Fire Company

A .50" diameter vent will be installed from tank top to just below fuel fill inlet.

The fuel tank will meet all FHWA 393.67 requirements including a fill capacity of 95 percent of tank volume.

Servicing the fuel gauge sending unit will be capable of being accomplished without having to drain the fuel or drop the tank.

### **DIESEL EXHAUST FLUID TANK**

A diesel exhaust fluid (DEF) tank will be provided and mounted on the left side, below the cab.

The tank will be sized by the chassis manufacturer based on the engine provided. It will include an integrated heater unit that utilizes engine coolant to thaw the DEF in the event of freezing.

### **FUEL PRIMER PUMP**

A fuel primer pump will be included with the heated fuel water separator.

### **AUXILIARY FUEL COOLING SYSTEM**

A supplementary fuel cooling system will be provided to allow the use of water from the discharge side of the pump for cooling the chassis engine fuel. The heat exchanger will be a cylindrical type and will be a separate unit. The cooler will operate any time the pump is discharging water and will be plumbed to the master drain valve.

### **TRANSMISSION**

An Allison, model 3000 EVS, electronic torque converting automatic transmission will be provided. To qualify for the EVS rating, the transmission will be filled with synthetic transmission fluid.

Two (2) PTO openings will be located on left side and top of converter housing (positions 8 o'clock and 4 o'clock).

A transmission temperature gauge or warning light will be installed on cab instrument panel.

### **TRANSMISSION SHIFT CONTROL**

A push button shift module will be mounted to right of driver. Shift position indicator will be indirectly lit for after dark operation.

The transmission will be a five (5)-speed.

### **TRANSMISSION COOLER**

A transmission oil cooler will be provided in a tank of the radiator.

### **ALLISON EVS AUTOMATIC TRANSMISSION PROGNOSTICS**

The Allison EVS automatic transmission will be provided with the prognostics software enabled.

The prognostics will be accessed via the shift selector, and the following information will display on the shift pad read-out:

Oil Level

## Kents Store Volunteer Fire Company

Oil Life Monitor

Filter Life Monitor

Trans Health Monitor

Diagnostic Code

### **DRIVELINE**

Drivelines will have a heavy duty metal tube that is properly sized for the intended application. The shafts will have a splined slip joint.

### **STEERING**

The steering system will be hydraulically driven. The steering column will have an adjustable tilt and telescope feature.

### **WINCH WITH SYNTHETIC ROPE**

A Warn, model XD9000i multi-mount, 9,000 pound portable 12V electric winch will be provided.

The winch will mount to the vehicle receiver hitch and be held in place with a locking hardened pin. A heavy gauge wire and electrical plug will be provided for quick connection to the vehicle electrical system.

The winch will be provided with 100 feet of Warn nylon reinforced synthetic rope with a replaceable clevis hook.

Winch will have a minimum of a 30' remote control cable.

### **BUMPER**

A one (1) piece, 10.00" high, stainless steel bumper will be attached to the front of the frame.

A 9.00" channel will be mounted directly behind the bumper for additional strength.

The bumper will be extended 26.00" from the front face of the cab.

### **GRAVEL PAN**

A gravel pan, constructed of bright aluminum treadplate, will be furnished between the bumper and cab face. The gravel pan will be properly supported from the underside to prevent flexing and vibration of the aluminum treadplate.

### **TOW EYES**

Two (2) painted steel tow eyes will be installed under the bumper and attached to the front frame members. The tow eyes will be designed and positioned to allow up to a 6,000 lb straight horizontal pull in line with the centerline of the vehicle. The tow eyes will not be used for lifting of the apparatus.

The inner and outer edges of the tow eyes will have a .25" radius.

The tow eyes will be painted black.



### **PORTABLE WINCH STORAGE WITH HINGED CENTER SECTION**

A tray for a portable winch, constructed of aluminum, will be placed in the center of the bumper extension.

The tray will be enclosed to protect the winch from weather. A raised aluminum treadplate cover will be made as high as necessary to enclose the winch. The lower section of winch compartment will be enclosed, to prevent road salt, snow, and ice from entering the winch compartment.

Drain holes will be provided.

The center section of the bumper will be hinged at the bottom to allow access to the winch. Two (2) pawl latches will hold the center section in the closed position.

A portable winch receiver will be installed in the back of the tray. The winch receiver will be constructed of heavy steel tubing and reinforced to the bumper extension framework for the receiving portion. The receiver will have a 2.00" inside dimension, with a maximum weight rating of 9,000 pounds.

The assembly will be designed to allow the winch to be stored and used from the tray.

### **STRIP LIGHT UNDER BUMPER COVER**

There will be one (1) Amdor Model AY-9220-072, 72.00" 12 volt DC LED strip light provided on the inside of the front bumper cover.

The light will be activated when the battery switch is on and the bumper tray cover is opened.

### **FRONT BUMPER LINE-X COATING**

Protective black Line-X® coating will be provided on the outside exterior of the top front bumper flange. It will not be sprayed on the underside of the flange.

The lining will be properly installed by an authorized Line-X dealer.

### **CAB**

A 4-door, high-roof cab will be provided. The cab and doors will be of an aluminum construction.

### **Exterior Styling**

Aerodynamic hood and windshield

Tinted Glass in all Windows

Fiberglass hood with mounted plastic grille

Single 63"x14" rear window

### **Interior**

## Kents Store Volunteer Fire Company

Air bag rear cab suspension

Gray vinyl mats

Forward roof mounted console

Two (2) dash-mounted cup holders, right-hand and left-hand

Gray Vinyl Upholstery

Dual Sun visors

Fresh Air Heater and Defroster

### **CAB INTERIOR W/CONVENIENCE PACKAGE**

The cab upholstery will be gray vinyl.

The cab interior will include wood grain driver and center instrument panels, molded plastic door panels with vinyl inserts and brushed aluminum lower door kick plates.

### **CAB GRILLE - CHROMED**

The cab grille will be a chromed high impact plastic with a horizontal rib design. The headlight bezels and air intake grilles will also have a chromed finish. The grille will tilt with the hood.

### **MIRRORS**

West Coast style heated, remote operated mirrors constructed from a molded composite material with a bright finish will be provided. A heated 8.00" convex mirror will be included below the primary mirrors. An auxiliary down view mirror will be included on the passenger side.

### **CAB ACCESS STEPS**

The right and left hand cab access steps will be provided by the apparatus manufacturer. They will be constructed of a steel substructure and covered with bright aluminum tread plate. Removable panels will be provided for access to the chassis batteries when applicable.

### **REEL COMPARTMENT**

A compartment will be provided under the crew cab in the right side step area. An aluminum treadplate access plate will be provided on the compartment.

### **REEL COMPARTMENT**

A compartment will be provided under the crew cab in the left side step area. A aluminum treadplate access plate will be provided on the compartment.

### **STEP LIGHTS**

There will be four (4) white LED step lights provided. There will be one (1) light installed at each cab door, one (1) light per doorstep.

In order to ensure exceptional illumination, each light will provide a minimum of 25 foot-candles (fc) covering an entire 15" x 15" square placed ten (10) inches below the light and a minimum of 1.5 fc covering an entire 30" x 30" square at the same ten (10) inch distance below the light.

## Kents Store Volunteer Fire Company

The lights will be activated when the adjacent door is opened.

### **POWER WINDOWS AND LOCKS**

The cab doors will have electrically powered windows and locks.

### **DELETE REAR CAB WINDOW**

The chassis manufacturer will provide a metal panel in place of the rear window in the cab.

### **DAYTIME RUNNING LIGHTS**

The chassis will be provided with daytime running lights.

### **AIR CONDITIONING**

An air conditioner will be provided that is integral with heater and defroster system.

### **ENGINE COMPARTMENT LIGHTS**

Two (2) engine compartment lights will be installed under the engine hood, of which the switches are an integral part.

### **STORAGE CONSOLE**

There will be a console located between the front seats with room for switches and map storage. There will be an area for switching, pump shift, and siren to the front of the console. There will be four (4) sections for map storage to the rear of the console. Each map storage section will be approximately 4.00" wide x 13.00" long x 12.25" deep. The console will be constructed of smooth aluminum and painted black.

### **SEATING CAPACITY**

The seating capacity in the cab will be four (4).

### **SEATING**

Seating inside the cab will consist of a Seats Inc. air-ride driver seat and a non-suspension Seats Inc. 911 SCBA officer seat.

### **SEATING (CREW CAB)**

Two (2) individual Seats Inc. #911 SCBA style non-suspension seats will be provided inside the crew cab in the outboard positions.

### **AIR BOTTLE HOLDERS**

All SCBA type seats in the cab will have a "Hands-Free" auto clamp style bracket in its backrest. For efficiency and convenience, the bracket will include an automatic spring clamp that allows the occupant to store the SCBA bottle by simply pushing it into the seat back. For protection of all occupants in the cab, in the event of an accident, the inertial components within the clamp will constrain the SCBA bottle in the seat and will exceed the NFPA standard of 9G.

There will be a quantity of three (3) SCBA brackets.

**SEAT BELT WEB LENGTH**

NFPA 14.1.3.2 and 14.1.3.3 requires effective seat belt web length for a Type 1 lap belt for pelvic restraint to be a minimum of 60 in., and a Type 2 pelvic and upper torso restraint-style seat belt assembly to be a minimum of 110 in.

Per Fire Department specification of a commercial chassis, this apparatus will have seat belts of the required length. These belts will provide sufficient length for large firefighters in bunker gear. This apparatus will be compliant to NFPA standards effective at time of contract execution.

**SEAT BELTS**

All seating positions in the cab and crew cab will have highly visible (orange) seat belts.

**HELMET STORAGE PROVIDED BY FIRE DEPARTMENT**

NFPA 1901, 2016 edition, section 14.1.7.4.1 requires a location for helmet storage be provided.

There is no helmet storage on the apparatus as manufactured. The fire department will provide a location for storage of helmets.

**PORTABLE HAND LIGHTS, PROVIDED BY FIRE DEPARTMENT**

NFPA 1901, 2016 edition, section 5.9.4 requires two portable hand lights mounted in brackets fastened to the apparatus.

The hand lights are not on the apparatus as manufactured. The fire department will provide and mount these hand lights.

**CAB INSTRUMENTS**

- Engine Temperature Gauge and Warning Buzzer
- Engine Oil Pressure Gauge and Warning Buzzer
- Speedometer with Odometer
- Engine Tachometer
- Engine Hourmeter
- Fuel Level Gauge
- DEF Level Gauge and Warning Lamp
- Voltmeter: Low voltage red warning light and audible alarm
- Air Brake Pressure Gauge
- Air Restriction Indicator
- Circuit Breakers: For overload protection of electric circuits

- Ignition Switch: Keyless type

### **EMERGENCY SWITCH PANEL**

The emergency switch panel will be provided in the cab, located on the floor mounted console.

### **"DO NOT MOVE APPARATUS" INDICATOR**

A flashing red indicator light (located in the driving compartment) will be illuminated automatically per the current edition of NFPA. The light will be labeled "Do Not Move Apparatus If Light Is On".

The same circuit that activates the Do Not Move Apparatus indicator will activate a steady tone alarm when the parking brake is released.

### **OPEN DOOR INDICATOR LIGHT**

A red "open door" indicator light will be provided inside the cab, in clear view of the driver, to warn of an open compartment door.

### **WIPER CONTROL**

Wiper control will include an intermittent feature and windshield washer controls.

### **VEHICLE DATA RECORDER**

There will be a vehicle data recorder (VDR) capable of reading and storing vehicle information provided.

The information stored on the VDR can be downloaded through a USB port mounted in a convenient location determined by cab model. A USB cable can be used to connect the VDR to a laptop to retrieve required information. The program to download the information from the VDR will be available to download on-line.

The vehicle data recorder will be capable of recording the following data via hardwired and/or CAN inputs:

- Vehicle Speed - MPH
- Acceleration - MPH/sec
- Deceleration - MPH/sec
- Engine Speed - RPM
- Engine Throttle Position - % of Full Throttle
- ABS Event - On/Off
- Seat Occupied Status - Yes/No by Position
- Seat Belt Buckled Status - Yes/No by Position
- Master Optical Warning Device Switch - On/Off
- Time - 24 Hour Time
- Date - Year/Month/Day

The system will also be capable of no additional functionality required.

An additional input will be included with this system. When the VDR is active, this input will not be required.

### **Seat Belt Monitoring System**

A seat belt monitoring system (SBMS) will be provided. The SBMS will be capable of monitoring up to six (6) seating positions indicating the status of each seat position per the following:

- Seat Occupied & Buckled = Green LED indicator illuminated
- Seat Occupied & Unbuckled = Red LED indicator with audible alarm
- No Occupant & Buckled = Red LED indicator with audible alarm
- No Occupant & Unbuckled = No indicator and no alarm

The SBMS will include an audible alarm that will warn that an unbuckled occupant condition exists and the parking brake is released, or the transmission is not in park.

### **RADIO ANTENNA MOUNT**

There will be two (2) standard 1.125", 18 thread antenna-mounting base(s) installed on the cab roof with high efficiency, low loss, coaxial cable(s) routed to the console. A weatherproof cap will be installed on the mount.

### **ELECTRICAL**

All 12-volt electrical equipment installed by the apparatus manufacturer will conform to modern automotive practices. All wiring will be high temperature crosslink type. Wiring will be run in loom or conduit where exposed and have grommets where wire passes through sheet metal. Automatic reset circuit breakers will be provided which conform to SAE Standards. Wiring will be color, function and number coded. Function and number codes will be continuously imprinted on all wiring harness conductors at 2.00" intervals. Exterior exposed wire connectors will be positive locking, and environmentally sealed to withstand elements such as temperature extremes, moisture and automotive fluids. Electrical wiring and equipment will be installed utilizing the following guidelines:

- (1) All holes made in the roof will be caulked with silicon. Rope caulk is not acceptable. Large fender washers, liberally caulked, will be used when fastening equipment to the underside of the cab roof.
- (2) Any electrical component that is installed in an exposed area will be mounted in a manner that will not allow moisture to accumulate in it. Exposed area will be defined as any location outside of the cab or body.
- (3) Electrical components designed to be removed for maintenance will not be fastened with nuts and bolts. Metal screws will be used in mounting these devices. Also a coil of wire will be provided behind the appliance to allow them to be pulled away from mounting area for inspection and service work.
- (4) Corrosion preventative compound will be applied to all terminal plugs located outside of the cab or body. All non-waterproof connections will require this compound in the plug to prevent corrosion and for easy separation (of the plug).
- (5) All lights that have their sockets in a weather exposed area will have corrosion preventative compound added to the socket terminal area.
- (6) All electrical terminals in exposed areas will have silicon (1890) applied completely over the metal portion of the terminal. All emergency light switches will be mounted on a separate panel installed in

## Kents Store Volunteer Fire Company

the cab. A master warning light switch and individual switches to be provided to allow pre-selection of emergency lights. The light switches will be "rocker" type with an internal indicator light to show when switch is energized. All switches will be properly identified and mounted in a removable panel for ease in servicing. Identification of the switches will be done by either printing or etching on the switch panel. The switches and identification will be illuminated.

All lights and reflectors, required to comply with Federal Motor Vehicle Safety Standard #108, will be furnished. Rear identification lights will be recessed mounted for protection. Lights and wiring mounted in the rear bulkheads will be protected from damage by installing a false bulkhead inside the rear compartments.

An operational test will be conducted to ensure that any equipment that is permanently attached to the electrical system is properly connected and in working order.

The results of the tests will be recorded and provided to the purchaser at time of delivery.

### **BATTERY SYSTEM**

A single starting battery system will be provided consisting of three (3)-12 volt, 1031, 760CCA, maintenance-free, group 31 batteries. The battery system will have a total of 2280 cold cranking amps.

### **Jump Start Connections**

Positive and negative posts for jump starting will be provided by the chassis manufacturer. They will be frame mounted and located under the hood.

### **BATTERY SYSTEM MODIFICATION**

Due to specific apparatus configuration requirements, the batteries will be relocated by the apparatus manufacturer. They will be incorporated with the manufacturer's step package. An enclosure with an access panel will protect and provide access to the batteries.

### **MASTER BATTERY SWITCH**

A master battery switch, to activate the battery system, will be provided inside the cab within easy reach of the driver.

The master battery disconnect switch will be wired between the starter solenoid and the remainder of the electrical loads on the apparatus.

A green "battery on" indicator light, visible from the driver's position, will be provided.

### **BATTERY CHARGER**

There will be an IOTA™, Model DSL 75, battery charger with IQ4, controller provided.

The battery charger will be wired to the AC shoreline inlet through an AC receptacle adjacent to this battery charger.

There will be a Kussmaul™, Model #091-94-12, remote indicator included.

The battery charger will be located Behind drivers seat.

## Kents Store Volunteer Fire Company

The battery charger indicator will be located adjacent to the driver's seat riser. The indicator will be enclosed to protect it from damage.

### **SHORELINE**

There will be a 20 amp 120 volt AC straight blade shoreline inlet provided to operate the dedicated 120 volt AC circuits on the apparatus without the use of the generator.

The shoreline inlet will include a red flip up cover.

The shoreline(s) will be connected to Battery Charger, Air compressor and shoreline receptacles.

There will be a mating connector body supplied with the loose equipment.

There will be a label installed near the inlet(s) that state the following:

- Line Voltage
- Current Rating (amps)
- Phase
- Frequency

The shoreline receptacle will be located on the driver side of pump panel.

### **ELECTRIC POWER FOR WINCH**

Electric power provisions will be furnished for the portable winch from the chassis battery system.

There will be a total quantity of four (4) receptacle plugs provided and located Front- Rear and Side Receivers.

The front and rear receptacles plugs will each include a black cover.

Each side receptacles will include a red cover.

### **ALTERNATOR**

The alternator will be a Delco with a capacity of 12-volt 300 amp.

### **ELECTRONIC LOAD MANAGEMENT**

There shall be a Kussmaul™, electronic load management (ELM) system will be provided that monitors the vehicles 12-volt electrical system, and automatically reduces the electrical load in the event of a low voltage condition and by doing so, ensures the integrity of the electrical system.

The ELM monitors the vehicle's voltage while at the scene (parking brake applied). It will sequentially shut down individual electrical loads when the system voltage drops below a preset value. Five (5) separate electrical loads are controlled by the load manager. The ELM will sequentially re-energize electrical loads as the system voltage recovers.

The (ELM) also includes sequencer function for the five (5) managed loads and two (2) additional.



**EXTERIOR LIGHTING**

Exterior lighting will meet or exceed Federal Department of Transportation, Federal Motor Vehicle Safety Standards and National Fire Protection Association requirements in effect at this time.

Front headlights will be halogen type and comply to all FMVSS requirements.

Five (5) clearance/marker lights will be installed across the leading edge of the cab.

**INTERMEDIATE LIGHT**

There will be two (2) Weldon, Model 9186-8580-29, amber LED turn signal marker lights furnished, one (1) each side, in the rear fender panel. The light will double as a turn signal and marker light.

**REAR CLEARANCE/MARKER/ID LIGHTING**

There will be a three (3) LED light bar used as identification lights located at the rear of the apparatus per the following:

- As close as practical to the vertical centerline
- Centers spaced not less than 6.00" or more than 12.00" apart
- Red in color
- All at the same height

There will be two (2) LED lights installed at the rear of the apparatus used as clearance lights located at the rear of the apparatus per the following:

- To indicate the overall width of the vehicle
- One (1) each side of the vertical centerline
- As near the top as practical
- Red in color
- To be visible from the rear
- All at the same height

There will be two (2) LED lights installed on the side of the apparatus used as marker lights as close to the rear as practical per the following:

- To indicate the overall length of the vehicle
- One (1) each side of the vertical centerline
- As near the top as practical
- Red in color
- To be visible from the side
- All at the same height

There will be two (2) red reflectors located on the rear of the truck facing to the rear. One (1) each side, as far to the outside as practical, at a minimum of 15.00", but no more than 60.00", above the ground.

There will be two (2) red reflectors located on the side of the truck facing to the side. One (1) each side, as far to the rear as practical, at a minimum of 15.00", but no more than 60.00", above the ground.

## Kents Store Volunteer Fire Company

Per FMVSS 108 and CMVSS 108 requirements.

### **REAR FMVSS LIGHTING**

The rear stop/tail and directional LED lighting will consist of the following:

- Two (2) Whelen®, Model M6BTT, red LED stop/tail lights
- Two (2) Whelen, Model M6T, amber LED arrow turn lights

The lights shall be provided with color lenses.

The lights will be mounted in a polished combination housing.

There will be two (2) Whelen Model M6BUW, LED backup lights provided in the tail light housing.

### **LICENSE PLATE BRACKET**

There will be one (1) license plate bracket mounted on the rear of the body.

A white LED light will illuminate the license plate. A polished stainless steel light shield will be provided over the light that will direct illumination downward, preventing white light to the rear.

### **LIGHTING BEZEL**

There will be two (2) Whelen, Model M6FCV4P, four (4) place chromed ABS housings with Pierce logos provided for the rear M6 series stop/tail, directional, back up, scene lights or warning lights.

### **BACK-UP ALARM**

A PRECO, Model 1040, solid-state electronic audible back-up alarm that actuates when the truck is shifted into reverse will be provided. The device will sound at 60 pulses per minute and automatically adjust its volume to maintain a minimum ten (10) dBA above surrounding environmental noise levels.

### **CAB PERIMETER SCENE LIGHTS**

There will be four (4) Amdor, Model AY-LB-12HW020, 350 lumens each, 20.00" white LED strip lights provided, one (1) for each cab door.

These lights will be activated automatically when the battery switch is on and the exit doors are opened or by the same means as the body perimeter scene lights.

### **PUMP HOUSE PERIMETER LIGHTS**

There will be two (2) Amdor, Model AY-LB-12HW020, 350 lumens each, 20.00" LED weatherproof strip lights with brackets provided under the pump panel running boards, one (1) each side.

The lights will be controlled by the same means as the body perimeter lights.

### **BODY PERIMETER SCENE LIGHTS**

There will be two (2) Amdor Model AY-LB-12HW020, 350 lumens, 20.00" LED lights provided at the rear step area of the body, one (1) each side shining to the rear.

The perimeter scene lights will be activated when the battery switch is on, and the parking brake is applied.

### **STEP LIGHTS**

Four (4) white LED step lights will be provided. One (1) step light will be provided on each side, on the front compartment face and two (2) step lights at the rear to illuminate the tailboard.

In order to ensure exceptional illumination, each light will provide a minimum of 25 foot-candles (fc) covering an entire 15.00" x 15.00" square placed 10.00" below the light and a minimum of 1.5 fc covering an entire 30.00" x 30.00" square at the same 10.00" distance below the light.

These step lights will be actuated with the pump panel light switch.

All other steps on the apparatus will be illuminated per the current edition of NFPA 1901.

### **DECK LIGHTS**

There will be two (2) Whelen, Model PFBP12C, 12 volt DC LED floodlights with swivel mount provided at the rear of the hose bed, one (1) each side.

The lights will be activated by a control from a switch at the rear of the truck.

### **WALKING SURFACE LIGHT**

There will be Model FRP, 4" round black 12 volt DC LED floodlight with bolt mount provided to illuminate the entire designated walking surface on top of the body.

The light will be activated when the body step lights are on.

### **12 VOLT LIGHTING**

There will be two (2) Whelen, Model PCPSM1\*, 12 volt surface mounted LED combination spot/flood light(s) located One each side high on rear body bulkheads. The lights will be mounted with chrome flange(s).

The light(s) selected above will be controlled by the following:

- a switch at the driver's side switch panel
- a switch at the pump operator's panel
- a switch at the rear of apparatus on the driver's side
- no additional switch location

These light(s) may be load managed when the parking brake is set.

### **12 VOLT LIGHTING**

There will be two (2) Whelen, Model PCPSM2\*, 12 volt surface mounted LED combination spot/flood light(s) located Forward and rear on the LS Hatch Compartment. The lights will be mounted with chrome flange(s).

The light(s) selected above will be controlled by the following:

- a switch at the driver's side switch panel
- a switch at the driver's side pump panel
- no additional switch location

## Kents Store Volunteer Fire Company

- no additional switch location

These light(s) may be load managed when the parking brake is set.

### **12 VOLT LIGHTING**

There will be two (2) Whelen, Model PCPSM2\*, 12 volt surface mounted LED combination spot/flood light(s) located Forward and rear on the RS Hatch Compartment. The lights will be mounted with chrome flange(s).

The light(s) selected above will be controlled by the following:

- a switch at the driver's side switch panel
- a switch at the driver's side pump panel
- no additional switch location
- no additional switch location

These light(s) may be load managed when the parking brake is set.

### **12 VOLT LIGHTING**

There will be a HiVizLED, Model FT-B-46-\*, 46.00" 12 volt LED combination spot/flood light provided on the front of the cab mounted to the front of the lightbar.

The black.

The light will be controlled by a switch at the driver's side switch panel.

These light may be load managed when the parking brake is set.

### **WATER TANK**

Booster tank will have a capacity of 750 gallons and be constructed of polypropylene plastic by United Plastic Fabricating, Incorporated.

Tank joints and seams will be nitrogen welded inside and out.

Tank will be baffled in accordance with NFPA Bulletin 1901 requirements.

Baffles will have vent openings at both the top and bottom to permit movement of air and water between compartments.

Longitudinal partitions will be constructed of .38" polypropylene plastic and will extend from the bottom of the tank through the top cover to allow for positive welding.

Transverse partitions will extend from 4.00" off the bottom of the tank to the underside of the top cover.

All partitions will interlock and will be welded to the tank bottom and sides.

Tank top will be constructed of .50" polypropylene. It will be recessed .38" and will be welded to the tank sides and the longitudinal partitions.

Tank top will be sufficiently supported to keep it rigid during fast filling conditions.

## Kents Store Volunteer Fire Company

Construction will include 2.00" polypropylene dowels spaced no more than 30.00" apart and welded to the transverse partitions. Two (2) of the dowels will be drilled and tapped (.50" diameter, 13.00" deep) to accommodate lifting eyes.

A sump that is 8.00" long x 8.00" wide x 6.00" deep will be provided at the bottom of the water tank.

Sump will include a drain plug and the tank outlet.

Tank will be installed in a fabricated cradle assembly constructed of structural steel.

Sufficient crossmembers will be provided to properly support bottom of tank. Crossmembers will be constructed of steel bar channel or rectangular tubing.

Tank will "float" in cradle to avoid torsional stress caused by chassis frame flexing. Rubber cushions, .50" thick x 3.00" wide, will be placed on all horizontal surfaces that the tank rests on.

Stops or other provision will be provided to prevent an empty tank from bouncing excessively while moving vehicle.

Mounting system will be approved by the tank manufacturer.

Fill tower will be constructed of .50" polypropylene and will be a minimum of 8.00" wide x 14.00" long.

Fill tower will be furnished with a .25" thick polypropylene screen and a hinged cover.

An overflow pipe, constructed of 4.00" schedule 40 polypropylene, will be installed approximately halfway down the fill tower and extend through the water tank and exit to the rear of the rear axle.

### **WATER TANK RESTRAINT**

A heavy-duty water tank restraint will be provided.

### **AKRON 9330 AUTOMATIC DIRECT TANK FILL SYSTEM**

There will be one (1) Akron 9330 automatic water tank fill system installed and integrated with the rear inlet valve.

An electrically controlled 2.50" full flow ball valve with 2.50" piping will be located in the pump enclosure area. The automatic water tank fill system will tee into the intake relief piping from the rear inlet valve. A check valve will be installed after the valve to help prevent the loss of pump prime in the event the valve is accidentally opened while drafting. The Akron 9330 automatic water tank fill control module will be installed on the pump operator's panel. The automatic tank fill control module will have manual or automatic controls built into the control module. The electric valve will be wired to the water level gauge. When the water level falls to a point of approximately 50%, the valve will automatically open. When the water level returns to a point of approximately 90% full, the valve will automatically close.

Piping, for the fill, will be routed through the front wall of the tank and include a flow deflector to break up the stream of water entering the water tank.

### **HOSE BED**

The hose bed will be fabricated of .125"-5052 aluminum with a nominal 38,000 psi tensile strength.

## Kents Store Volunteer Fire Company

Standard hose bed width will be 68.00" inside.

Upper and rear edges of side panels will have a double break for rigidity.

The upper inside area of the beavertails will be covered with brushed stainless steel to prevent damage to painted surface when hose is removed.

Flooring of the hose bed will be removable aluminum grating with the top surface corrugated to aid in hose aeration. The grating slats will be a minimum of 0.50" x 4.50" with spacing between slats for hose ventilation.

Hose bed will accommodate 1000' of 4" , 500' of 3" and 200' of 2.5".

### **HOSE BED DIVIDER**

Two (2) adjustable hosebed dividers will be furnished for separating hose.

Each divider will be constructed of a .25" brushed aluminum sheet. Flat surfaces will be sanded for uniform appearance, or constructed of brushed aluminum.

Divider will be fully adjustable by sliding in tracks, located at the front and rear of the hose bed.

Divider will be held in place by tightening bolts, at each end.

Acorn nuts will be installed on all bolts in the hose bed which have exposed threads.

### **HOSE BED HOSE RESTRAINT**

The hose in the hose bed will be restrained by a black nylon Velcro® strap at the top of the hosebed. At the rear of the hose bed, 2.00" black nylon webbing with a 1.50" x 4.00" box pattern will attach at the top rear outside corners with seat belt buckle fasteners. The webbing will have straps connected with seat belt buckle fasteners located at the rear body sheet below the hose bed.

A cross-divider will be provided just behind the fill tower. The divider will be bolted to the side sheet.

### **REINFORCED HOSEBED FLOOR**

A reinforced hose bed floor will be provided above the water tank to support the mounting of the light tower in the forward portion of the hose bed.

### **RUNNING BOARDS**

Running boards will be fabricated of .125" bright aluminum treadplate.

Each running board will be supported by a welded 2.00" square tubing and channel assembly, which will be bolted to the pump compartment substructure.

Running boards will be 12.75" deep and spaced .50" away from the pump panel.

A splash guard will be provided above the running board treadplate.

### **TAILBOARD**

The tailboard will also be constructed of .125" bright aluminum treadplate and spaced .50" from the body, as well as supported by a structural steel assembly.

The tailboard area will be 10.00" deep and full width of the body.

The outboard sides of the tailboard will be angled at 45 degrees beginning at the point where the body meets the tailboard at the forward outboard edge angling rearward to the rear edge of the tailboard.

The exterior side will be flanged down and in for increased rigidity of tailboard structure.

### **REAR WALL, SMOOTH ALUMINUM/BODY MATERIAL**

The rear facing surfaces of the center rear wall will be smooth aluminum.

The bulkheads, the surface to the rear of the side body compartments, will be smooth and the same material as the body.

### **TOW BARS**

Two (2) tow bars will be installed under the tailboard.

Tow bars will be fabricated of 1.00" CRS bar rolled into a 3.00" radius.

Tow bar assemblies will be constructed of .38" structural angle. When force is applied to the bar, it will be transmitted to the frame rail.

Tow bar assemblies will be designed and positioned to allow up to a 30 degree upward angled pull of 17,000 lb, or a 20,000 lb straight horizontal pull in line with the centerline of the vehicle.

Tow bar design will have been fully tested and evaluated using strain gauge testing and finite element analysis techniques.

### **HITCH RECEIVER**

A hitch receiver will be installed at the rear and the sides of the apparatus. The side receivers will be located to the rear of the wheels, under the rear platform.

The hitch receivers will be constructed of heavy steel tubing and reinforced to the truck framework, for the receiving portion. This will be a Class III/IV trailer hitch. A class IV rating will be obtained only when a weight distributing hitch is used.

Slide-in portion will be held in place by one (1) safety pin with clip.

### **HOSE TRAY**

Two (2) hose trays free floating hose tray(s) to fit in the opening of the running board will be provided one (1) in each side running board. The tray will be flanged and drop in from the top.

Capacity of the tray will be 25' of 5.00" hose.

Rubber matting will be installed on the floor of the tray to provide proper ventilation.

### **COMPARTMENTATION**

Body and compartments will be fabricated of .125", 5052-H32 aluminum.

Side compartments will be an integral assembly with the rear fenders.

Circular fender liners will be provided for prevention of rust pockets and ease of maintenance.

Compartment flooring will be of the sweep out design with the floor higher than the compartment door lip.

The compartment door opening will be framed by flanging the edges in 1.75" and bending out again .75" to form an angle.

Drip protection will be provided above the doors by means of bright aluminum extrusion, formed bright aluminum treadplate or polished stainless steel.

The top of the compartment will be covered with bright aluminum treadplate rolled over the edges on the front, rear and outward side. These covers will have the corners welded.

Side compartment covers will be separate from the compartment tops.

Front facing compartment walls will be covered with bright aluminum treadplate.

All screws and bolts which protrude into a compartment will have acorn nuts on the ends to prevent injury.

### **UNDERBODY SUPPORT SYSTEM**

Due to the severe loading requirements of this pumper a method of body and compartment support suitable for the intended load will be provided.

The backbone of the support system will be the chassis frame rails which is the strongest component of the chassis and is designed for sustaining maximum loads.

The support system will include .375" thick steel vertical angle supports bolted to the chassis frame rails with .625" diameter bolts.

Attached to the bottom of the steel vertical angles will be horizontal angles, with gussets welded to the vertical members, which extend to the outside edge of the body.

A steel frame will be mounted on the top of these supports to create a floating substructure which will result in a 500 lb equipment support rating per lower compartment.

The floating substructure will be separated from the horizontal members with neoprene elastomer isolators. These isolators will reduce the natural flex stress of the chassis from being transmitted to the body.

Isolators will have a broad load range, proven viability in vehicular applications, be of a fail safe design and allow for all necessary movement in three (3) transitional and rotational modes.



## Kents Store Volunteer Fire Company

The neoprene isolators will be installed in a modified V three (3)-point mounting pattern to reduce the natural flex of the chassis being transmitted to the body.

### **AGGRESSIVE WALKING SURFACE**

All exterior surfaces designated as stepping, standing, and walking areas will comply with the required average slip resistance of the current NFPA standards.

### **LOUVERS**

Louvers will be stamped into compartment walls to provide the proper airflow inside the body compartments and to prevent water from dripping into the compartment. Where these louvers are provided, they will be formed into the metal and not added to the compartment as a separate plate.

### **TESTING OF BODY DESIGN**

Body structural analysis has been fully tested. Proven engineering and test techniques such as finite element analysis, stress coating and strain gauging have been performed with special attention given to fatigue, life and structural integrity of the cab, body and substructure.

Body will be tested while loaded to its greatest in-service weight.

The criteria used during the testing procedure will include:

- Raising opposite corners of the vehicle tires 9.00" to simulate the twisting a truck may experience when driving over a curb.
- Making a 90 degree turn, while driving at 20 mph to simulate aggressive driving conditions.
- Driving the vehicle at 35 mph on a washboard road.
- Driving the vehicle at 55 mph on a smooth road.
- Accelerating the vehicle fully, until reaching the approximate speed of 45 mph on rough pavement.

Evidence of actual testing techniques will be made available upon request.

### **LEFT SIDE COMPARTMENTATION**

The left side compartmentation will consist of three rollup door compartments.

A full height, rollup door compartment ahead of the rear wheels will be provided. The interior dimensions of this compartment will be 54.00" wide x 65.13" high x 25.88" deep. The clear door opening will be a minimum of 48.25" wide x 56.88" high.

A rollup door compartment over the rear wheels will be provided. The interior dimensions of this compartment will be 66.50" wide x 31.38" high x 25.88" deep. The clear door opening will be a minimum of 58.25" wide x 23.13" high.

A full height, rollup door compartment behind the rear wheels will be provided. The interior dimensions of this compartment will be 47.75" wide x 66.13" high x 25.88" deep. The clear door opening will be a minimum of 44.75" wide x 57.88" high.

## Kents Store Volunteer Fire Company

The interior height of the compartments will be measured from the compartment floor to the ceiling. The spool of the rollup door at the top of the compartment takes up some usable space. The depth of the compartments will be measured from the back wall to the inside of the door frame.

Closing of the door will not require releasing, unlocking, or unlatching any mechanism and will easily be accomplished with one hand.

### **RIGHT SIDE COMPARTMENTATION**

The right side compartmentation will consist of three rollup door compartments.

A full height, rollup door compartment ahead of the rear wheels will be provided. The interior dimensions of this compartment will be 54.00" wide x 65.13" high x 25.88" deep. The clear door opening will be a minimum of 48.25" wide x 56.88" high.

A rollup door compartment over the rear wheels will be provided. The interior dimensions of this compartment will be 66.50" wide x 31.38" high x 25.88" deep. The clear door opening will be a minimum of 58.25" wide x 23.13" high.

A full height, rollup door compartment behind the rear wheels will be provided. The interior dimensions of this compartment will be 47.75" wide x 66.13" high x 25.88" deep. The clear door opening will be a minimum of 44.75" wide x 57.88" high.

The interior height of the compartments will be measured from the compartment floor to the ceiling. The spool of the rollup door at the top of the compartment takes up some usable space. The depth of the compartments will be measured from the back wall to the inside of the door frame.

Closing of the door will not require releasing, unlocking, or unlatching any mechanism and will easily be accomplished with one hand.

### **SIDE COMPARTMENT ROLLUP DOOR(S)**

There will be six (6) compartment doors installed on the side compartments, double faced, aluminum construction, painted one (1) color to match the lower portion of the body and manufactured by AMDOR™ brand rollup doors.

Door(s) will be constructed using 1.00" extruded double wall aluminum slats which will feature a flat smooth interior surface to provide maximum protection against equipment hang-up. The slats will be connected with a structural driven ball and socket hinge designed to provide maximum curtain diaphragm strength. Mounting and adjusting the curtain will be done with a clip system that connects the curtain to the balancer drum allowing for easy tension adjustment without tools. The slats will be mounted in reusable slat shoes with positive snap-lock securement.

Each slat will incorporate weather tight recessed dual durometer seals. One (1) fin will be designed to locate the seal within the extrusion. The second will serve as a wiping seal which will also allow for compression to prevent water ingress.

The doors will be mounted in a one (1)-piece aluminum side frame with recessed side seals to minimize seal damage during equipment deployment. All seals including side frames, top gutters and bottom panel are to be manufactured utilizing non-marring materials.

## Kents Store Volunteer Fire Company

Bottom panel flange of rollup door will be equipped with two (2) cut-outs to allow for easier access with gloved hands.

A polished stainless steel lift bar to be provided for each roll-up door. The lift bar will be located at the bottom of door with striker latches installed at the base of the side frames. Side frame mounted door strikers will include support beneath the stainless steel lift bar to prevent door curtain bounce, improve bottom seal life expectancy and to avoid false door ajar signals.

All injection molded rollup door wear components will be constructed of Type 6 nylon.

Each rollup door will have a 3.00 inch diameter balancer/tensioner drum to assist in lifting the door.

The header for the rollup door assembly will not exceed 4.00".

A heavy-duty magnetic switch will be used for control of open compartment door warning lights.

### **COMPARTMENTATION, REAR**

A roll-up door compartment above the rear tailboard will be provided.

Interior dimensions of this compartment will be 40.00" wide x 40.63" high x 25.88" deep in the lower 26.00" of the compartment and 15.75" deep in the remaining upper portion. Depth of the compartment will be calculated with the compartment door closed.

For a chassis with a rear mounted fuel tank, a louvered removable access panel will be furnished on the back wall of the compartment.

Rear compartment will be open into the rear side compartments.

Clear door opening of this compartment will be 33.25" wide x 33.00" high.

Closing of the door will not require releasing, unlocking, or unlatching any mechanism and will easily be accomplished with one hand.

### **ROLLUP REAR COMPARTMENT DOOR**

The rear compartment will have a rollup door.

The door will be double faced, aluminum construction, satin aluminum and manufactured by AMDOR™ brand rollup doors.

The door will be constructed using 1.00" extruded double wall aluminum slats which will feature a flat smooth interior surface to provide maximum protection against equipment hang-up. The slats will be connected with a structural driven ball and socket hinge designed to provide maximum curtain diaphragm strength. Mounting and adjusting the curtain will be done with a clip system that connects the curtain to the balancer drum allowing for easy tension adjustment without tools. The slats will be mounted in reusable slat shoes with positive snap-lock securement.

Each slat will incorporate weather tight recessed dual durometer seals. One (1) fin will be designed to locate the seal within the extrusion. The second will serve as a wiping seal which will also allow for compression to prevent water ingress.

## Kents Store Volunteer Fire Company

The door will be mounted in a one (1)-piece aluminum side frame with recessed side seals to minimize seal damage during equipment deployment. All seals including side frames, top gutters and bottom panel are to be manufactured utilizing non-marring materials.

Bottom panel flange of rollup door will be equipped with two (2) cut-outs to allow for easier access with gloved hands.

A polished stainless steel lift bar to be provided for each roll-up door. The lift bar will be located at the bottom of door with striker latches installed at the base of the side frames. Side frame mounted door strikers will include support beneath the stainless steel lift bar to prevent door curtain bounce, improve bottom seal life expectancy and to avoid false door ajar signals.

All injection molded rollup door wear components will be constructed of Type 6 Nylon.

The door will have a 3.00 inch diameter balancer/tensioner drum to assist in lifting the door.

The header for the rollup door assembly will not exceed 4.00".

A heavy-duty magnetic switch will be used for control of open compartment door warning lights.

### **DOOR GUARD**

There will be nine (9) compartment doors that will include a guard/drip pan designed to protect the rollup door from damage when in the retracted position and contain any water spray. The guard will be fabricated from stainless steel and installed left side rearward compartment, left side over the wheel compartment, left side forward compartment, left side engineer compartment, right side engineer compartment, right side rearward compartment, right side over the wheel compartment, right side forward compartment and rear compartment.

### **COMPARTMENT LIGHTING**

There will be nine (9) compartments with Amdor, Model AY-9220, white 12 volt DC LED compartment light strips. The lights will be mounted with mechanical fasteners.

There will be two (2) strip lights installed vertically in each compartment opening per the latest NFPA requirements.

The lights will be activated when the battery switch is on and the respective compartment door is opened.

### **ADDITIONAL COMPARTMENT LIGHTING**

There will be four (4) Amdor, Model AY-9220-31, 30.58" long white 12 volt DC LED light stick(s) provided. These light will be installed one in each hatch compartment. The lights will be mounted with mechanical fasteners.

Opening the compartment door(s) will automatically turn the compartment lighting on.

These lights may be load managed when the parking brake is applied.

### **HATCH COMPARTMENT**

Two (2) hatch compartments 171.25" long x 27.75" wide x 22.00" maximum depth will be provided above the left and right side compartments, with two (2) liftup top opening hatch doors.

Compartment will extend the full length of the side body compartmentation.

Sides of the compartment will be constructed of the same material as the body and painted job color. A chrome and black vinyl molding will be provided to cover the seam between the top of the body panel and the bottom of the hatch compartment.

Top of the compartment will be constructed of bright aluminum treadplate.

Two (2) liftup, bright aluminum treadplate doors will be provided on the top of the compartment, each with a chrome grab handle.

Doors will have lipped edges with a rubber seal for weather resistance, and an inner pan with one (1) recessed light.

Doors will be hinged on the outboard side and will be held open with pneumatic stay arms.

One (1) socket and plunger type latch will be provided with each door to hold the doors in the closed position.

Each door will have a clear door opening of 69.00" long x 21.50" wide.

Compartment will drain to an area below the hose bed.

### **MOUNTING TRACKS**

There will be seven (7) sets of tracks for mounting shelf(s) in LS1, LS2, LS3, RS1, RS2, RS3 and B1. These tracks will be installed vertically to support the adjustable shelf(s), and will be full height of the compartment. The tracks will be painted to match the compartment interior.

### **ADJUSTABLE SHELVES**

There will be five (5) shelves with a capacity of 500 lb provided.

The shelf construction will consist of .188" aluminum painted spatter gray with 2.00" sides.

Each shelf will be infinitely adjustable by means of a threaded fastener, which slides in a track.

The shelves will be held in place by .12" thick stamped plated brackets and bolts.

The location(s) will be determined at a later date.

### **SLIDE-OUT FLOOR MOUNTED TRAY**

There will be two (2) floor mounted slide-out tray(s) provided.

Each tray will have 2.00" high sides and a minimum capacity rating of 500 lb in the extended position.

Each tray will be constructed of aluminum painted spatter gray

## Kents Store Volunteer Fire Company

There will be two undermount-roller bearing type slides rated at 250lb each provided. The pair of slides will have a safety factor rating of 2.

To ensure years of dependable service, the slides will be coated with a finish that is tested to withstand a minimum of 1,000 hours of salt spray per ASTM B117.

To ensure years of easy operation, the slides will require no more than a 50lb force for push-in or pull-out movement when fully loaded after having been subjected to a 40 hour vibration (shaker) test under full load. The vibration drive file will have been generated from accelerometer data collected from a heavy truck chassis driven over rough gravel roads in an unloaded condition. Proof of compliance will be provided upon request.

Automatic locks will be provided for both the "in" and "out" positions. The trip mechanism for the locks will be located at the front of the tray for ease of use with a gloved hand.

The location(s) will be RS1 and LS3.

### **BACKBOARD STORAGE**

A transverse area over the pump and rearward of the cargo area will hold one (1) storage trough.

A blister will be supplied at each side to enclose the backboards due to their length.

The backboards will be accessible from either side of the vehicle. A Velcro® strap will be provided at the access point(s) to retain the backboard(s) in the stored position.

The size of the backboard(s) to be stored will be TBD .

### **OIL DRY HOPPER**

A portion of the roof hatch compartment will be sectioned off to provide a storage bin for clay-based oil absorbent material. The top of the hopper will be enclosed. A lift off access cover with pair of flush lift and turn latches will be provided to fill the hopper. This access will be made as large as possible.

The hopper discharge tube will be routed through the compartment below the hatch compartment with as little interference into this compartment as possible. The valve to control discharge will be located Valve to be located at right wall of RS1 in this compartment. The absorbent material will be discharged through a PVC tube through the floor of this compartment allowing a bucket to be placed under the truck and filled..

This hopper will have an approximate capacity for 150 lbs or 25.3 gallons (5850 cu in.) of clay-based absorbent material.

The hopper will be located RS1 Right wall.

### **VERTICAL COMPARTMENT PARTITION**

One (1) partition will be provided.

The partition construction will consist of .125" aluminum painted spatter gray. Each partition will be the full vertical height of the compartment.

## Kents Store Volunteer Fire Company

The location(s) will be in RS1, 8.00" from the forward door frame.

### **RUB RAIL**

Bottom edge of the side and rear of the body compartments will be trimmed with a bright aluminum extruded rub rail.

Trim will be 2.12" high with 1.38" flanges turned outward for rigidity.

The rub rails will not be an integral part of the body construction, which allows replacement in the event of damage.

### **BODY FENDER CROWNS**

Polished stainless steel fender crowns will be provided around the rear wheel openings with a dielectric barrier will be provided between the fender crown and the fender sheet metal to prevent corrosion.

The fender crowns will be held in place with stainless steel screws that thread directly into a composite nut and not directly into the parent body sheet metal to eliminate dissimilar metals contact and greatly reduce the chance for corrosion. Rubber welting will be provided between the body and crown.

### **BODY FENDER LINER**

A painted fender liner will be provided. The liners will be removable to aid in the maintenance of rear suspension components.

### **HARD SUCTION HOSE**

Hard suction hose will not be required.

### **HOSE TROUGHS**

Two (2) stainless steel hard suction hose troughs will be provided in the hatch compartment on the right side.

The troughs will be installed side by side with an smooth aluminum door at the rear.

A floor will be provided above the hard suction hose inside the hatch compartment to allow storage of addition equipment in the compartment.

### **HANDRAILS**

The handrails will be 1.25" diameter anodized aluminum extrusion, with a ribbed design, to provide a positive gripping surface.

Chrome plated end stanchions will support the handrail. Plastic gaskets will be used between end stanchions and any painted surfaces.

Drain holes will be provided in the bottom of all vertically mounted handrails.

Handrails will be provided to meet NFPA 1901 section 15.8 requirements. The handrails will be installed as noted on the sales drawing.

### **HANDRAILS**

One (1) vertical handrail, not less than 29.00" long, will be located on each rear beavertail.

## Kents Store Volunteer Fire Company

- One (1) full width horizontal handrail will be provided below the hose bed at the rear of the apparatus.

### **AIR BOTTLE STORAGE (DOUBLE)**

A quantity of three (3) air bottle compartments, 15.25" wide x 7.75" tall x 26.00" deep, will be provided on the left side forward of the rear wheels, on the right side forward of the rear wheels and on the right side rearward of the rear wheels . A polished stainless steel door with a Southco non-locking C2 chrome lever latch will be provided to contain the air bottle. A dielectric barrier will be provided between the door hinge, hinge fasteners and the body sheet metal.

Inside the compartment, black rubber matting will be provided.

### **AIR BOTTLE COMPARTMENT STRAP**

A strap shall be provided in the air bottle compartment to help contain the air bottle when the vehicle is parked on an incline. The strap shall wrap around the neck and attach to the wall of the compartment.

### **AIR BOTTLE STORAGE (DOUBLE)**

A quantity of one (1) air bottle compartment, 15.25" wide x 7.75" tall x 26.00" deep, will be provided on the left side rearward of the rear wheels . A polished stainless steel door with a Southco non-locking C2 chrome lever latch will be provided to contain the air bottle. A dielectric barrier will be provided between the door hinge, hinge fasteners and the body sheet metal.

Inside the compartment, black rubber matting will be provided.

### **EXTENSION LADDER**

There will be a 24' two-section aluminum Duo-Safety Series 900-A extension ladder provided.

### **ROOF LADDER**

There will be a 14' aluminum Duo-Safety Series 775-A roof ladder provided.

### **LADDER STORAGE**

The ladders will be stored inside the upper section of the left side compartments.

The ladder rack will reduce the depth of the upper section, in the side compartments, by approximately 12.00".

A partition will be installed inside the compartments to conceal the ladder rack and allow for equipment storage. The ladders will extend through the forward wall of the compartmentation, into the pump area that will be completely enclosed. The ladders will be stored in separate stainless steel storage troughs lined with Dura-Surf slides to aid in loading and unloading of the ladders.

At the rear of the ladder storage area will be a vertically hinged smooth aluminum door with a D-handle latch to contain the ladders.



**FOLDING LADDER**

One (1) 10.00' aluminum, Series 585-A, Duo-Safety folding ladder will be installed in a U-shaped trough inside the ladder storage compartment.

**DURA-SURF LADDER SLIDES**

Black Dura-Surf friction reducing material will be added to the stainless steel slides, on the bottom horizontal surfaces, of the ladder storage rack.

**PIKE POLE PROVIDED BY FIRE DEPARTMENT**

NFPA 1901, 2016 edition, Section 5.9.4 requires one (1) 8 ft or longer pike pole mounted in a bracket fastened to the apparatus.

The pike pole is not on the apparatus as manufactured. The fire department will provide and mount the pike pole.

The pike pole(s) will be a Duo-Safety 10' pike pole.

**6' PIKE POLE PROVIDED BY FIRE DEPARTMENT**

NFPA 1901, 2016 edition, Section 5.9.4 requires one (1) 6' pike pole or plaster hook mounted in a bracket fastened to the apparatus.

The pike pole is not on the apparatus as manufactured. The fire department will provide and mount the pike pole.

The pike pole(s) will be a Duo-Safety 6' pike pole.

**LADDER ZICO MODEL RL-2-6**

A Zico model RL-2-6 Quic-Ladder will be provided at the rear of the body on the right side. The ladder handrails will be constructed out of 1.25" heavy-walled aluminum tubing that is covered with a black, heat-resistant, powder coated finish. Each step will have a flat non-skid surface that is 3" deep x 15.5" wide. A swing-out and down extension section at the bottom of the ladder will be provided

**PUMP**

Pump will be a Waterous CSU, 1500 gpm single (1) stage midship mounted centrifugal type.

Pump will be the class "A" type.

Pump will deliver the percentage of rated discharge at pressures indicated below:

- 100% of rated capacity at 150 psi net pump pressure.
- 70% of rated capacity at 200 psi net pump pressure.
- 50% of rated capacity at 250 psi net pump pressure.

Pump body will be close-grained gray iron, bronze fitted, and horizontally split in two (2) sections for easy removal of the entire impeller shaft assembly (including wear rings).

## Kents Store Volunteer Fire Company

Pump will be designed for complete servicing from the bottom of the truck, without disturbing the pump setting or apparatus piping.

Pump case halves will be bolted together on a single horizontal face to minimize chance of leakage and facilitate ease of reassembly. No end flanges will be used.

Discharge manifold of the pump will be cast as an integral part of the pump body assembly and will provide a minimum of three (3) 3.50" openings for flexibility in providing various discharge outlets for maximum efficiency.

The three (3) 3.50" openings will be located as follows: one (1) outlet to the right of the pump, one (1) outlet to the left of the pump, and one (1) outlet directly on top of the discharge manifold.

Impeller shaft will be stainless steel, accurately ground to size. It will be supported at each end by sealed, anti-friction ball bearings for rigid precise support. Impeller will have flame plated hubs assuring maximum pump life and efficiency despite any presence of abrasive matter in the water supply.

Bearings will be protected from water and sediment by suitable stuffing boxes, flinger rings, and oil seals. No special or sleeve type bearings will be used.

### **PUMP PACKING**

Stuffing boxes will be of the conventional two (2) piece, split-gland type, to permit adjustment or replacement of Grafoil packing without disturbing the pump. Water will be fed into stuffing box lantern rings for proper lubrication and cooling when the pump is operating.

Lantern rings will be located at the inner ends of the stuffing boxes, to avoid having to remove them when replacing pump packing.

Wear rings will be bronze and easily replaceable to restore original pump efficiency and eliminate the need to replace the entire pump casing due to wear.

### **PUMP TRANSMISSION**

The pump transmission will be made of a three (3) piece, aluminum, horizontally split casing. Power transfer to pump will be through a high strength Morse HY-VO silent drive chain. By the use of a chain rather than gears, 50% of the sprocket will be accepting or transmitting torque, compared to two (2) or three (3) teeth doing all the work.

Drive shafts will be 2.35" diameter hardened and ground alloy steel and supported by ball bearings. The case will be designed to eliminate the need for water cooling.

### **PUMPING MODE**

An interlock system will be provided to ensure that the pump drive system components are properly engaged so that the apparatus can be safely operated. The interlock system will be designed to allow stationary pumping only.

### **AIR PUMP SHIFT**

Pump shift engagement will be made by a two (2) position sliding collar, actuated pneumatically (by air pressure), with a three (3) position air control switch located in the cab. A manual back-up shift control will also be located on the left side pump panel.

Two (2) indicator lights will be provided adjacent to the pump shift inside the cab. One (1) green light will indicate the pump shift has been completed and be labeled "pump engaged". The second green light will indicate when the pump has been engaged, and that the chassis transmission is in pump gear. This indicator light will be labeled "OK to pump".

Another green indicator light will be installed adjacent to the hand throttle on the pump panel and indicate either the pump is engaged and the road transmission is in pump gear, or the road transmission is in neutral and the pump is not engaged. This indicator light will be labeled "Warning: Do not open throttle unless light is on".

The pump shift will be interlocked to prevent the pump from being shifted out of gear when the chassis transmission is in gear to meet NFPA requirements.

The pump shift control in the cab will be illuminated to meet NFPA requirements.

### **TRANSMISSION LOCK-UP**

The direct gear transmission lock-up for the fire pump operation will engage automatically when the pump shift control in the cab is activated.

### **AUXILIARY COOLING SYSTEM**

A supplementary heat exchange cooling system will be provided to allow the use of water from the discharge side of the pump for cooling the engine water. The heat exchanger will be cylindrical type and will be a separate unit. The heat exchanger will be installed in the pump or engine compartment with the control located on the pump operator's control panel. Exchanger will be plumbed to the master drain valve.

### **INTAKE RELIEF VALVE - PUMP**

An Elkhart Style 40 relief valve will be installed on the suction side of the pump preset at 125 psig.

The relief valve will have a working range of 75 psig to 250 psig.

The outlet will terminate below the frame rails with a 2.50" National Standard hose thread adapter and will have a "do not cap" warning tag.

The relief valve pressure control will be located behind an access door at the right side pump panel.

### **PRESSURE CONTROLLER**

A Pierce Pressure Governor will be provided. An electric pressure governor will be provided which is capable of automatically maintaining a desired preset discharge pressure in the water pump. When operating in the pressure control mode, the system will automatically maintain the discharge pressure set by the operator (within the discharge capabilities of the pump and water supply) regardless of flow, within the discharge capacities of the water pump and water supply.

## Kents Store Volunteer Fire Company

A pressure transducer will be installed in the water discharge of the pump. The transducer continuously monitors pump pressure sending a signal to the Electronic Control Module (ECM).

The governor can be used in two (2) modes of operation, RPM mode and pressure modes.

In the RPM mode, the governor can be activated after vehicle parking brake has been set. When in this mode, the governor will maintain the set engine speed, regardless of engine load (within engine operation capabilities).

In the pressure mode, the governor system can only operate after the fire pump has been engaged and the vehicle parking brake has been set. When in the pressure mode, the pressure controller monitors the pump pressure and varies engine speed to maintain a precise pump pressure. The pressure controller will use a quicker reacting J1939 database for engine control.

A preset feature allows a predetermined pressure or rpm to be set.

A pump cavitation protection feature is also provided which will return the engine to idle should the pump cavitate. Cavitation is sensed by the combination of pump pressure below 30 psi and engine speed above 2000 rpm for more than five (5) seconds.

The throttle will be a vernier style control, with a large control knob for use with a gloved hand. A throttle ready light will be provided adjacent to the throttle control. A large 0.75" RPM display will be provided to be visible at a glance.

Check engine, and stop engine indicator lights will be provided for easy viewing.

Large 0.75" push buttons will be provided for menu, mode, preset, and silence selections.

The water tank level indicator will be incorporated in the pressure governor.

A fuel level indicator will be incorporated in the pressure controller.

A pump hour meter will be incorporated in the pressure controller.

The pressure controller will incorporate monitoring for engine temperature, oil pressure, fuel level alarm, and voltage. Pump monitoring will include, pump gearcase temperature, error codes, diagnostic data, pump service reminders, and time stamped data logging, to allow for fast accurate trouble shooting. It will also notify the driver/engineer of any problems with the engine and the apparatus. Complete understandable messages will be provided in a 20-character display, providing for fewer abbreviations in the messages. An automatic dim feature will be included for night operations.

The pressure controller will include a USB port for easy software upgrades, which can be downloaded through a USB memory stick, eliminating the need for a laptop for software installations.

A complete interactive manual will be provided with the pressure controller.

### **PRIMING PUMP**

The priming pump will be a Trident Emergency Products compressed air powered, high efficiency, multistage venturi based AirPrime System, conforming to standards outlined in the current edition of NFPA 1901.

All wetted metallic parts of the priming system are to be of brass and stainless steel construction.

One (1) priming control will open the priming valve and start the pump primer. The control will have a three position switch for automatic, off or test. In the sentry mode (automatic) the primer will sense when the pump losses discharge pressure and start the pump primer. The primer will automatically stop once the pump has pressure.

### **PUMP MANUALS**

There will be a total of two (2) pump manuals provided by the pump manufacturer and furnished with the apparatus. The manuals will be provided by the pump manufacturer in the form of two (2) electronic copies. Each manual will cover pump operation, maintenance, and parts.

### **PLUMBING, STAINLESS STEEL AND HOSE**

All inlet and outlet lines will be plumbed with either stainless steel pipe, flexible polypropylene tubing or synthetic rubber hose reinforced with hi-tensile polyester braid. All hose's will be equipped with brass or stainless steel couplings. All stainless steel hard plumbing will be a minimum of a schedule 10 wall thickness.

Where vibration or chassis flexing may damage or loosen piping or where a coupling is required for servicing, the piping will be equipped with victaulic or rubber couplings.

Plumbing manifold bodies will be ductile cast iron or stainless steel.

All piping lines are to be drained through a master drain valve or will be equipped with individual drain valves. All drain lines will be extended with a hose to drain below the chassis frame.

All water carrying gauge lines will be of flexible polypropylene tubing.

All piping, hose and fittings will have a minimum of a 500 PSI hydrodynamic pressure rating.

### **PLUMBING, FOAM SYSTEM**

All piping that is in contact with the foam concentrate or foam/water solution will be stainless steel. The fittings will be stainless steel or brass. Cast iron pump manifolds will be allowed.

### **MAIN PUMP INLETS**

A 6.00" pump manifold inlet will be provided on each side of the vehicle. The suction inlets will include removable die cast zinc screens that are designed to provide cathodic protection for the pump, thus reducing corrosion in the pump.

### **MAIN PUMP INLET CAP**

The main pump inlets will have National Standard Threads with a long handle chrome cap.

## Kents Store Volunteer Fire Company

The cap will be the Pierce VLH, which incorporates an exclusive thread design to automatically relieve stored pressure in the line when disconnected.

### **INLET BUTTERFLY VALVE**

One (1) Waterous Monarch inline butterfly valve will be provided on the left side main pump inlet.

The 6.00" inlet valve will be partially recessed behind the pump panel with a "key hole" shaped stainless steel trim ring around the opening.

A built-in, adjustable pressure relief valve and a 3/4" bleeder valve will be provided on the inlet side of the valve.

A chrome plated handwheel control will be provided on the side pump panel adjacent to the inlet valve.

A valve position indicator will be provided, next to the valve control.

### **INLET BUTTERFLY VALVE**

One (1) Waterous Monarch inline butterfly valve will be provided on the right side main pump inlet.

The 6.00" inlet valve will be partially recessed behind the pump panel with a "key hole" shaped stainless steel trim ring around the opening.

A built-in, adjustable pressure relief valve and a 3/4" bleeder valve will be provided on the inlet side of the valve. The bleeder valve controls will be located at the threaded connection and at the pump operator's panel.

A chrome plated handwheel control will be provided on the side pump panel adjacent to the inlet valve.

A valve position indicator will be provided, next to the valve control.

### **VALVES**

All ball valves will be Akron® Brass. The Akron valves will be the 8000 series heavy-duty style with a stainless steel ball and a simple two-seat design. No lubrication or regular maintenance is required on the valve.

Valves will have a **ten (10) year** warranty.

### **LEFT SIDE INLET**

There will be one (1) auxiliary inlet with a 2.50" valve at the left side pump panel, terminating with a 2.50" (F) National Standard hose thread adapter.

The auxiliary inlet will be provided with a strainer, chrome swivel and plug.

### **RIGHT SIDE INLET**

There will be one (1) auxiliary inlet with a 2.50" valve at the right side pump panel, terminating with a 2.50" (F) National Standard hose thread adapter.

The auxiliary inlet will be provided with a strainer, chrome swivel and plug.

## Kents Store Volunteer Fire Company

The location of the valve for the two (2) inlets will be recessed behind the pump panel.

### **INLET CONTROL**

The side auxiliary inlet(s) will incorporate a quarter-turn ball valve with the control located at the inlet valve. The valve operating mechanism will indicate the position of the valve.

### **LARGE DIAMETER REAR INLET**

A 6.00" inlet rear inlet with screen will be provided using 5.00" piping and a 5.00" butterfly valve.

Screen will provide cathodic protection against corrosion in piping.

Piping will contain only large radiused elbows, no mitered joints.

The plumbing will be routed to the rear through the water tank. The inlet will terminate in the rear compartment, with the hose thread connection just behind the rear compartment door.

A bleeder valve will be located at the threaded connection.

### **REAR INLET CAP**

The rear inlet will have a National Standard hose thread adapter with a long handle chrome cap.

The cap will be the Pierce VLH, which incorporates an exclusive thread design to automatically relieve stored pressure in the line when disconnected.

### **REAR INLET CONTROL**

The rear inlet shall be gated and controlled with an Akron 9333 electric valve controller provided on the pump operators panel. The electric control must be of a true position feedback design, requiring no clutches in the motor or current limiting. The unit must be completely sealed with momentary open, close as well and an optional one touch full open feature to operate the valve actuator. The controller shall provide position indication on a full color, backlit LCD display. It shall have manual adjustment of the brightness as well as an auto dimming option.

A manual override shall be provided on the valve. A stainless steel door located on the right side pump panel shall be provided for access to the manual override.

A maintain switch shall be provided behind the stainless steel access door near the manual override. The switch shall cut off power to the valve to allow for manual valve actuation.

### **INTAKE RELIEF VALVE**

An intake relief valve, preset at 150 psig will be installed on the inlet side of the valve.

Relief valve will have a working range of 75 psig to 250 psig.

Outlet will terminate below the frame rails.

### **INLET BLEEDER VALVE**

A 0.75" bleeder valve will be provided for each side gated inlet. The valves will be located behind the panel with a swing style handle control extended to the outside of the panel. The handles will be chrome plated and provide a visual indication of valve position. The swing handle will provide an

ergonomic position for operating the valve without twisting the wrist and provides excellent leverage. The water discharged by the bleeders will be routed below the chassis frame rails.

### **TANK TO PUMP**

The booster tank will be connected to the intake side of the pump with stainless steel piping and a quarter turn 3.00" full flow line valve with the control remotely located at the operator's panel. Tank to pump line will run straight (no elbows) from the pump into the front face of the water tank and angle down into the tank sump. A rubber coupling will be included in this line to prevent damage from vibration or chassis flexing.

A check valve will be provided in the tank to pump supply line to prevent the possibility of "back filling" the water tank.

### **TANK REFILL**

A 1.50" combination tank refill and pump re-circulation line will be provided, using a quarter-turn full flow ball valve controlled from the pump operator's panel.

### **LEFT SIDE DISCHARGE OUTLETS**

There will be two (2) discharge outlets with a 2.50" valve on the left side of the apparatus, terminating with a 2.50" (M) National Standard hose thread adapter.

### **RIGHT SIDE DISCHARGE OUTLETS**

There will be one (1) discharge outlet with a 2.50" valve on the right side of the apparatus, terminating with a 2.50" (M) National Standard hose thread adapter.

### **LARGE DIAMETER DISCHARGE OUTLET**

There will be a 3.50" discharge outlet with a 3.50" Akron valve with a 3.00" ball, installed on the right side of the apparatus, terminating with a 3.50" (M) National Standard hose thread adapter. This discharge outlet will be actuated with a handwheel control at the pump operator's control panel.

### **FRONT OF HOSE BED DISCHARGE OUTLET**

There will be one (1) discharge outlet discharge(s) piped to the front of the hose bed and located PS Hose Bed. Plumbing will consist of 2.50" piping with a 2.50" full-flow ball valve controlled at the pump operator's panel. The discharge(s) will terminate with a 2.50" (M) National Standard hose thread adapter.

### **DISCHARGE CAPS**

Chrome plated, rocker lug, caps with chains will be furnished for all side discharge outlets.

The caps will be the Pierce VLH, which incorporates an exclusive thread design to automatically relieve stored pressure in the line when disconnected.

### **OUTLET BLEEDER VALVE**

A 0.75" bleeder valve will be provided for each outlet 1.50" or larger. Automatic drain valves are acceptable with some outlets if deemed appropriate with the application.

The valves will be located behind the panel with a swing style handle control extended to the outside of the side pump panel. The handles will be chrome plated and provide a visual indication of valve



## Kents Store Volunteer Fire Company

position. The swing handle will provide an ergonomic position for operating the valve without twisting the wrist and provides excellent leverage. Bleeders will be located at the bottom of the pump panel. They will be properly labeled identifying the discharge they are plumbed in to. The water discharged by the bleeders will be routed below the chassis frame rails.

### **LEFT SIDE OUTLET ELBOWS**

The 2.50" discharge outlets located on the left side pump panel will be furnished with a 2.50" (F) National Standard hose thread x 2.50" (M) National Standard hose thread, chrome plated, 45 degree elbow.

The elbow will be Pierce VLH, which incorporates an exclusive thread design to automatically relieve stored pressure in the line when disconnected.

### **RIGHT SIDE OUTLET ELBOWS**

The 2.50" discharge outlets located on the right side pump panel will be furnished with a 2.50" (F) National Standard hose thread x 2.50" (M) National Standard hose thread, chrome plated, 45 degree elbow.

The elbow will be Pierce VLH, which incorporates an exclusive thread design to automatically relieve stored pressure in the line when disconnected.

### **LARGE DIAMETER OUTLET ELBOWS**

The 3.50" outlet will be furnished with a 3.50" (F) National Standard hose thread swivel x 4.00" Storz elbow adapter with blind cap.

### **DISCHARGE OUTLET CONTROLS**

The discharge outlets will incorporate a quarter-turn ball valve with the control located at the pump operator's panel. The valve operating mechanism will indicate the position of the valve.

If a handwheel control valve is used, the control will be a minimum of a 3.9" diameter stainless steel handwheel with a dial position indicator built in to the center of the handwheel.

### **CROSSLAY HOSE BEDS**

One (1) crosslay with 1.50" outlets will be provided. Each bed to be capable of carrying 300' of 1.75" and will be plumbed with 2.00" i.d. pipe and gated with a 2.00" quarter turn ball valve.

Outlets to be equipped with a 1.50" National Standard hose thread 90 degree swivel located in the hose bed so that hose may be removed from either side of apparatus.

The crosslay controls will be at the pump operator's panel.

The center crosslay dividers will be a pan style, fabricated of .090 aluminum and will provide adjustment from side to side. The divider will be painted job color.

Stainless steel vertical scuffplates will be provided at hose bed ends (each side of vehicle). Bottom of hose bed ends (each side) will also be equipped with a stainless steel scuffplate.

Crosslay bed flooring will consist of removable perforated brushed aluminum.

### **SPEEDLAYS WITH TRAY**

Ahead of the pump enclosure will be two (2) 1.75" speedlay hose beds. Each bed will have a 2.00" preconnect line with a 2.00" quarter-turn ball valve and terminate with a 1.50" National Standard hose thread 90 degree swivel. The swivel will be located at the top of the speedlay compartment to allow easy removal of the hose in either direction.

Individual controls for the speedlays will be at the pump operator's panel.

Each compartment will be capable of carrying 200' of 1.75" hose with the one (1) compartment located above the other.

A removable tray will be provided for each speedlay hosebed. The speedlay trays will be constructed of .19 brushed finished aluminum with two (2) hand holes for easy removal from the compartment. The bottom of the speedlay compartments will be lined with stainless steel. Nylon runners will be used on the bottom of the trays to allow for a skid resistant surface. The floor of the trays will be perforated brushed aluminum to allow for drainage and hose drying. Scuffplates will be provided on both sides, at the sides and bottom of each opening.

### **CROSSLAY COVER**

An aluminum treadplate stationary cover will be provided over the crosslay area. Reinforcement, if required, will be added to provide a walking surface.

### **BOOSTER HOSE REEL**

A steel Hannay electric rewind booster hose reel painted #269 gray from the reel manufacturer, will be installed below the crew cab door on the left and right side of the apparatus. Each reel will be located behind an aluminum treadplate enclosure. The opening will include a 4-way roller assembly guide to conceal exposed edges around the opening and perform as a protective guide to prevent abrasion during rewinding and unwinding. The opening will be large enough for a Nozzle size and brand TBD. nozzle.

Discharge control will be provided at the pump operator's panel. Plumbing to the reels will consist of 1.50" Aeroquip hose and a 1.50" valve.

Reel motors will be protected from overload with automatic reset circuit breakers.

Electric rewind control will be two (2) rubber covered buttons, one (1) each mounted adjacent to the hose reel.

Booster hose, 1.00" diameter and 150 feet long, with chrome plated Barway, or equal, couplings will be provided on each reel.

Working pressure of the booster hose will be a minimum of 800 psi.

Capacity of the hose reels will be 150' of 1" Booster Hose.

### **FOAM PROPORTIONER**

A Pierce Husky™ 12 foam proportioning system will be provided that is an on demand, automatic proportioning, single point, direct injection system suitable for all types of Class A and B foam

## Kents Store Volunteer Fire Company

concentrates, including the high viscosity (6000 cps), alcohol resistant Class B foams. Operation will be based on direct measurement of water flow, and remain consistent within the specified flows and pressures. The system will automatically balance and proportion foam solution at rates from .1 percent to 9.9 percent regardless of variations in water pressure and flow, up to the maximum rated capacity of the foam concentrate pump.

The design of the system will allow operation from draft, hydrant, or relay operation. This will provide a versatile system to meet the demands at a fire scene.

### **SYSTEM CAPACITY**

The system will have the ability to deliver the following minimum foam solution flow rates that meet or exceed NFPA requirements at a pump rating of 250 psi.

200 gpm @ 6 percent

400 gpm @ 3 percent

1200 gpm @ 1 percent

The foam concentrate setting may be adjusted in .1 percent increments from .1 percent to 9.9 percent. Typical settings are .3 percent, .5 percent and 1.0 percent (The maximum capacity will be limited to the plumbing and water pump capacity).

### **CONTROL SYSTEM**

The system will be equipped with a digital electronic control display located on the pump operators panel. Push button controls will be integrated into the panel to turn the system on/off, control the foam percentage, direct which foam to use on a multi-tank system, and to set the operation modes (automatic, manual, draft, calibration, or flush).

The percent of injection will have presets for Class A or Class B foam. These presets can be changed at the fire department as desired. The percent of injection will be able to be easily changed at the scene to adjust to changing demands.

In order to minimize the use of abbreviations and interpretations, system information will be displayed on the panel by way of .50 tall LEDs that total 14 characters (two (2) lines of seven (7) each). System on and foam pump on indicator lights will also be included. Information displayed will include mode of operation (automatic, manual, draft, calibration, or flush), foam supply selected (Class A or Class B), water total, foam total, foam percentage, remaining gallons, and time remaining.

The control display will direct a microprocessor, which receives input from the systems water flow meter while also monitoring the position of the foam concentrate pump. The microprocessor will compare the values of the water flow versus the position/rate of the foam pump, to ensure the proportion rate is accurate. One (1) check valve will be installed in the plumbing to prevent foam from contaminating the water pump.

### **LOW LEVEL FOAM TANK**

The control head will display a warning message when the foam tank in use is below a quarter tank.

### **HYDRAULIC DRIVE SYSTEM**

The foam concentrate pump will be powered by a hydraulic drive system, which is automatically activated, whenever the vehicle water pump is engaged. A large parasitic electric load used to power the foam pump can cause an overload of the chassis electrical system.

Hydraulic oil cooler will be provided to automatically prevent overheating of the hydraulic oil, which is detrimental to system components. The oil/water cooler will be designed to allow continuous system operation without allowing hydraulic oil temperature to exceed the oil specifications.

The hydraulic oil reservoir will be of four (4) gallons minimum capacity and will also be of sufficient size to minimize foaming and be located to facilitate checking oil level or adding oil without spillage or the need to remove access panels.

### **FOAM CONCENTRATE PUMP**

The foam concentrate pump will be of positive displacement, self-priming; linear actuated design, driven by the hydraulic motor. The pump will be constructed of brass body; chrome plated stainless steel shaft, with a stainless steel piston. In order to increase longevity of the pump, no aluminum will be present in its construction.

A relief system will be provided which is designed to protect the drive system components and prevent over pressuring the foam concentrate pump

The foam concentrate pump will have minimum capacity for 12 gpm with all types of foam concentrates with a viscosity at or below 6000 cps including protein, fluoroprotein, AFFF, FFFP, or AR-AFFF. The system will deliver only the amount of foam concentrate flow required, without recirculating foam back to the storage tank. Recirculating foam concentrate back to the storage tank can cause agitation and premature foaming of the concentrate, which can result in system failure. The foam concentrate pump will be self-priming and have the ability to draw foam concentrate from external supplies such as drums or pails.

### **EXTERNAL FOAM CONCENTRATE CONNECTION**

An external foam pick-up will be provided to enable use of a foam agent that is not stored on the vehicle. The external foam pick-up will be designed to allow continued operation after the on-board foam tank is empty. The external foam pick-up will be designed to allow use with training foam or colored water for training purposes.

### **PANEL MOUNTED STRAINER / EXTERNAL PICK-UP CONNECTION**

A bronze body strainer / connector unit will be provided. The unit will be mounted to the pump panel. The external foam pick-up will be one (1) 1.00" male connection with chrome-plated cap integrated to a 2.00" strainer cleanout cap. A check valve will be installed in the pick-up portion of the cleanout cap. A basket style stainless steel screen will be installed in the body of the strainer / connector unit. Removal of the 2.00" cleanout cap will be all that is required to gain access to and remove the stainless steel basket screen. The strainer / connector unit will be ahead of the foam concentrate pump inlet port to insure that all agents reaching the foam pump has been strained.

### **PICK-UP HOSE**

A 1.00" flexible hose with an end for insertion into foam containers will be provided. The hose will be supplied with a 1.00" female swivel NST thread swivel connector. The hose will be shipped loose.

### **DISCHARGES**

The foam system will be plumbed to the left rear outlet, lower speedlay, center speedlay and upper speedlay.

### **SYSTEM ELECTRICAL LOAD**

The foam proportioning will not impose an electrical load on the vehicle electrical system any greater than five (5) amps at 12VDC.

### **FOAM SUPPLY VALVE**

An electric valve will be used for the foam supply valve. The foam supply valve will be controlled at the foam system control head for ease of operation. The supply valve will be electric, remote controlled, to eliminate air pockets in the foam tank supply hose.

### **MAINTENANCE MESSAGE**

A message will be displayed on the control head to advise when system maintenance needs to be performed. The message will display interval for cleaning the foam strainer, cleaning for the water strainers, and changing the hydraulic oil.

### **FLUSH SYSTEM**

The system will be designed such that a flush mode will be provided to allow the system to flush all foam concentrate with clear water. The flush circuit control logic will ensure the foam tank supply valve is closed prior to opening the flush valve. The flush valve will be operated at the foam system control head for ease of operation. The valve will be electrically controlled and located as close to the foam tank supply valve as possible. A manual flush drain valve will be labeled and located under the left side running board.

### **SINGLE FOAM TANK REFILL**

The foam system's proportioning pump will be used to fill the Class A foam tank. This will allow use of the auxiliary foam pick-up to pump the foam from pails or a drum on the ground into the foam tank. A foam shut-off switch will be installed in the fill dome of the tank to shut the system down when the tank is full. The fill operation will be controlled by a mode in the foam system controller stating TANK FILL. While the proportioner pump is filling the tank, the controller will display FILL TANK. When the tank is full, as determined by the float switch in the tank dome, the pump will stop and the controller will display TANK FULL.

### **FOAM TANK**

The foam tank will be an integral portion of the polypropylene water tank. The cell will have a capacity of 30 gallons of foam with the intended use of Class A foam. The brand of foam stored in this tank will be TBD. The foam cell will not reduce the capacity of the water tank. The foam cell will have a screen in the fill dome and a breather in the lid.

### **FOAM TANK DRAIN**

A system of 1.00" foam tank drains will be provided, integrated into the foam systems strainer and tank to foam pump valve management system. The tank to pump hoses running from the tank(s) to the panel mounted strainer will 1.00" diameter. The foam system controller will have a mode that allows for a given foam valve to be opened at will. Flow of foam from the tank valve to the strainer will be usable as a tank drain mode.

An adaptor will be supplied, that allows the 1.00" foam intake screen to assembly to be used as a drain outlet. The standard supplied 1.00" foam pick up hose will be attached to the screen assembly by way of the adapter. The drain mode will allow the operator to open and close the tank valve as required from the control head, to drain foam and re-fill foam containers through the connected hose, without foam spillage beneath the vehicle.

### **PUMP COMPARTMENT**

The pump compartment will be separate from the hose body and compartments so that each may flex independently of the other. The pump compartment will be constructed of the same material as the body compartmentation.

The pump compartment substructure will be a fabricated assembly of steel tubing, angles and channels which supports both the fire pump and the side running boards.

The pump compartment will be mounted on the chassis frame rails with rubber biscuits in a four point pattern to allow for chassis frame twist.

Pump compartment, pump, plumbing and gauge panels will be removable from the chassis in a single assembly.

### **PUMP MOUNTING**

Pump will be mounted to a substructure which will be mounted to the chassis frame rail using rubber isolators. The mounting will allow chassis frame rails to flex independently without damage to the fire pump.

### **LEFT SIDE PUMP CONTROL PANEL**

All pump controls and gauges will be located at the left (driver's) side of the apparatus and properly identified.

Layout of the pump control panel will be ergonomically efficient and systematically organized.

The pump operator's control panel will be removable in two (2) main sections for ease of maintenance:

The upper section will contain sub panels for the mounting of the pump pressure control device, engine monitoring gauges, electrical switches, and foam controls (if applicable). Sub panels will be removable from the face of the pump panel for ease of maintenance. Below the sub panels will be located all valve controls and line pressure gauges.

The lower section of the panel will contain all inlets, outlets, and drains.

## Kents Store Volunteer Fire Company

All push/pull valve controls will have 1/4 turn locking control rods with polished chrome plated zinc tee handles. Guides for the push/pull control rods will be chrome plated zinc castings securely mounted to the pump panel. Push/pull valve controls will be capable of locking in any position. The control rods will pull straight out of the panel and will be equipped with universal joints to eliminate binding.

### **IDENTIFICATION TAGS**

The identification tag for each valve control will be recessed in the face of the tee handle.

All discharge outlets will have color coded identification tags, with each discharge having its own unique color. Color coding will include the labeling of the outlet and the drain for each corresponding discharge.

All line pressure gauges will be mounted directly above the corresponding discharge control tee handles and recessed within the same chrome plated casting as the rod guide for quick identification. The gauge and rod guide casting will be removable from the face of the pump panel for ease of maintenance. The casting will be color coded to correspond with the discharge identification tag.

All remaining identification tags will be mounted on the pump panel in chrome plated bezels.

The pump panel on the right (passenger's) side will be removable with lift and turn type fasteners.

Trim rings will be installed around all inlets and outlets.

### **PUMP PANEL CONFIGURATION**

The pump panel configuration will be arranged and installed in an organized manner that will provide user-friendly operation.

### **PUMP AND GAUGE PANEL**

The pump and gauge panels will be constructed of aluminum with a painted FormCoat black finish. A polished aluminum trim molding will be provided around each panel.

The right side pump panel will be removable and fastened with swell type fasteners.

### **PUMP COMPARTMENT LIGHT**

There will be one (1) Whelen®, Model 3SC0CDCR, 3.00" white 12 volt DC LED light(s) with Whelen, Model 3FLANGEC, flange(s) installed in the pump compartment.

There will be a switch accessible through a door on the pump panel included with this installation.

Engine monitoring graduated LED indicators will be incorporated with the pressure controller.

### **ROLL-UP DOOR, PUMP PANEL**

The right side pump panel, including the speedlays, will be enclosed with a Amdor roll-up door to protect the pump outlets and inlets from the elements. The door will be painted one (1) color to match the lower portion of the body.

A heavy duty magnetic switch will be used for controlling the "open compartment door" warning lights.

The compartment interior will be painted job color. .

### **ROLL-UP DOOR, PUMP PANEL**

The left side pump panel, including the speedlays, will be enclosed with a Amdor roll-up door to protect the pump outlets and inlets from the elements. The door shall be painted one (1) color to match the lower portion of the body.

A heavy duty magnetic switch will be used for controlling the "open compartment door" warning lights.

The compartment interior will be painted job color. .

### **VACUUM AND PRESSURE GAUGES**

The pump vacuum and pressure gauges will be liquid filled and manufactured by Class 1 Incorporated ©.

The gauges will be a minimum of 4.50" in diameter and will have white faces with black lettering, with a pressure range of 30.00"-0-600#.

The pump pressure and vacuum gauges will be installed adjacent to each other at the pump operator's control panel.

Test port connections will be provided at the pump operator's panel. One will be connected to the intake side of the pump, and the other to the discharge manifold of the pump. They will have 0.25 in. standard pipe thread connections and polished stainless steel plugs. They will be marked with a label.

### **PRESSURE GAUGES**

The individual "line" pressure gauges for the discharges will be interlube filled and manufactured by Class 1©.

They will be a minimum of 2.50" in diameter and will have white faces with black lettering.

Gauges will be compound type with a vacuum/pressure range of 30.00"-0-400#.

The individual pressure gauge will be installed as close to the outlet control as practical.

### **WATER LEVEL GAUGE**

An electric water level gauge will be incorporated in the pressure controller that registers water level by means of 9 LEDs. They will be at 1/8 level increments with a tank empty LED. The LEDs will be a bright type that is readable in sunlight, and have a full 180-degree of clear viewing.

To further alert the pump operator, the gauge will have a warning flash when the tank volume is less than 25%, and will have "Down Chasing LEDs when the tank is almost empty.

The level measurement will be ascertained by sensing the head pressure of the fluid in the tank or cell.

### **FOAM LEVEL GAUGE**

An electronic foam level gauge will be provided on the operator's panel that registers foam level by means of five (5) colored LED lights. The lights will be durable, ultra-bright five (5) LED design viewable through 180 degrees. The foam level indicators will be as follows:

- 100 percent = Green



## Kents Store Volunteer Fire Company

- 75 percent = Yellow
- 50 percent = Yellow
- 25 percent = Yellow
- Refill = Red

The light will flash when the level drops below the given level indicator to provide an eighth of a tank indication. To further alert the pump operator, the lights will flash sequentially when the foam tank is empty.

The level measurement will be based on the sensing of head pressure of the fluid in the tank.

The display will be constructed of a solid plastic material with a chrome plated die cast bezel to reduce vibrations that can cause broken wires and loose electronic components. The encapsulated design will provide complete protection from foam and environmental elements. An industrial pressure transducer will be mounted to the outside of the tank. The display will be able to be calibrated in the field and will measure head pressure to accurately show the tank level.

### **LIGHT SHIELD**

There will be a polished, 16 gauge stainless steel light shield installed over the pump operator's panel.

- There will be 12 volt DC white LED lights installed under the stainless steel light shield to illuminate the controls, switches, essential instructions, gauges, and instruments necessary for the operation of the apparatus. These lights will be activated by the pump panel light switch. Additional lights will be included every 18.00" depending on the size of the pump house.
- One (1) pump panel light will come on when the pump is in ok to pump mode.

There will be a light activated above the pump panel light switch when the parking brake is set. This is to afford the operator some illumination when first approaching the control panel.

There will be a green pump engaged indicator light activated on at the operator's panel when the pump is shifted into gear from inside the cab.

### **ADDITIONAL LIGHT SHIELD**

An additional polished, 16 gauge stainless steel light shield will be provided above passenger's side pump panel.

- There will be 12 volt DC white LED lights installed under the light shield to illuminate the controls, switches, essential instructions, gauges, and instruments necessary for the operation of the apparatus. These lights will be activated by the pump panel light switch. Additional lights will be included every 18.00" depending on the size of the pump house.

### **AIR HORN SYSTEM**

Two (2) Grover air horns will be provided and located one (1) each side of the engine. The horn system will be piped to the air brake system wet tank utilizing 0.38" tubing. A pressure protection valve will be installed in-line to prevent the loss of air, in the air brake system.

**Air Horn(s) Location**

The air horn(s) location will be on the side of the engine hood.

**AIR HORN CONTROL**

The air horns will be actuated by two (2) foot switches, one (1) located on the officer's side and one (1) on the driver's side.

**ELECTRONIC SIREN**

A Whelen®, Model 295SLSA1, electronic siren with noise canceling microphone will be provided.

This siren to be active when the battery switch is on and that emergency master switch is on.

Siren head will be located near the overhead switches.

The electronic siren will be controlled on the siren head only. No horn button or foot switches will be provided.

**SPEAKER**

There will be one (1) Whelen®, Model SA315P, black nylon composite, 100-watt, speaker with through bumper mounting brackets and polished stainless steel grille provided. The speaker will be connected to the siren amplifier.

The speaker will be recessed in the right side of the front bumper, just outside of the frame rail.

**AUXILIARY MECHANICAL SIREN**

A Federal Q2B® siren will be furnished. A siren brake button will be installed on the switch panel.

The control solenoid will be powered up after the emergency master switch is activated.

The mechanical siren will be mounted on the bumper deck plate. It will be mounted on the left side. A reinforcement plate will be furnished to support the siren.

The mechanical siren will be actuated by two (2) foot switches, one (1) located on the officer's side and one (1) on the driver's side.

**FRONT ZONE UPPER WARNING LIGHTS**

There will be one (1) 60.00" Whelen Freedom IV LED lightbar mounted on the cab roof.

The lightbar will include the following:

- One (1) red flashing LED module in the driver's side rear corner position.
- Open in the driver's side end position.
- One (1) red flashing LED module in the driver's side front corner position.
- One (1) red flashing LED module in the driver's side first front position.
- Open in the driver's side second front position.
- Open in the driver's side third front position.
- Open in the driver's side fourth front position.
- One (1) red flashing LED module in the driver's side fifth front position.

## Kents Store Volunteer Fire Company

- One (1) red flashing LED module in the passenger's side fifth front position.
- Open in the passenger's side fourth front position.
- Open in the passenger's side third front position.
- Open in the passenger's side second front position.
- One (1) red flashing LED module in the passenger's side first front position.
- One (1) red flashing LED module in the passenger's side front corner position.
- Open in the passenger's side end position.
- One (1) red flashing LED module in the passenger's side rear corner position.

There will be clear lenses included on the lightbar.

There will be a switch in the cab on the switch panel to control this lightbar.

The four (4) red flashing LED modules in the front positions may be load managed when the parking brake is applied.

### **BRACKET, LIGHTBAR**

High mount fabricated brackets will be supplied for mounting the lightbars. The mounts will raise the lightbar to 5.00" above the cab roof in place of the standard height.

Each set of brackets will be painted #10 White.

### **WARNING LIGHTS**

A pair of surface mounted Whelen model RSR02ZCR, LIN3 Super LED flashing lights will be provided on the grille.

The color of these lights will be red.

A switch will be provided inside the cab on the switch panel for actuation.

These lights will be installed with a plastic, chrome-plated flange.

### **SIDE ZONE LOWER LIGHTING**

There will be six (6) Whelen®, Model M6\*, flashing LED warning lights with chrome trim installed per the following:

- Two (2) lights, one (1) each side on the bumper extension. The side front lights to be red.
- Two (2) lights, one (1) each side under the cab doors. The side middle lights to be red.
- Two (2) lights, one (1) each side on the rear fender panel. The side rear lights to be red.
- The lights will include lenses that is the same color of the LEDs.

There will be a switch in the cab on the switch panel to control the lights.

### **SIDE WARNING LIGHTS**

There will be one (1) Whelen®, Model C9L\*\*, 8.12" high x 10.12" wide x 1.56" deep flashing LED warning light(s) with chrome trim provided Forward on the DS hatch compartment.

The light(s) to include red flashing LEDs.

## Kents Store Volunteer Fire Company

The warning light lens colors to be the same as the LEDs.

There will be a switch in the cab on the switch panel to control the light(s).

The light(s) may be load managed when the parking brake is applied.

### **SIDE WARNING LIGHTS**

There will be one (1) Whelen®, Model C9L\*\*, 8.12" high x 10.12" wide x 1.56" deep flashing LED warning light(s) with chrome trim provided Forward on the PS hatch compartment.

The light(s) to include red flashing LEDs.

The warning light lens colors to be the same as the LEDs.

There will be a switch in the cab on the switch panel to control the light(s).

The light(s) may be load managed when the parking brake is applied.

### **REAR ZONE LOWER LIGHTING**

There will be two (2) Whelen®, Model M6\*, LED flashing warning lights will be located at the rear of the apparatus.

- The driver's side rear light to be red
- The passenger's side rear light to be red

Both lights will include a lens that is the same color as the LED's.

There will be a switch located in the cab on the switch panel to control the lights.

### **REAR AND SIDE UPPER ZONE WARNING LIGHTS**

There will be four (4) Whelen®, Model C9P\*\*, 8.12" high x 10.12" wide x 1.56" deep flashing LED warning lights chrome trim provided per the following:

- One (1) light installed on the left side, side of the apparatus as high and close to the rear as practical. The side rear upper light on the driver's side to include red LEDs.
- One (1) light installed on the left side, rear of the apparatus as high and close to the outside as practical. The rear upper light on the driver's side to include red LEDs.
- One (1) light installed on the right side, rear of the apparatus as high and close to the outside as practical. The rear upper light on the passenger's side to include red LEDs.
- One (1) light installed on the right side, side of the apparatus as high and close to the rear as practical. The side rear upper light on the passenger's side to include red LEDs.
- The the same color as the LED's.

There will be a switch in the cab on the switch panel to control the lights.

The rear warning lights will be mounted on top of the compartmentation with all wiring totally enclosed.

The rear deck lights will be mounted on the beavertails as high as possible.

### **TRAFFIC DIRECTING LIGHT**

There will be one (1) Whelen®, Model TAL65, 36.00" long x 2.87" high x 2.25" deep, amber LED traffic directing light installed at the rear of the apparatus.

The Whelen, Model TACTL5, control head will be included with this installation.

The controller will be energized when the battery switch is on.

The auxiliary flash not activated.

This traffic directing light will be recessed with a stainless steel trim plate at the rear of the apparatus as high as practical.

The traffic directing light controller will be located inside the cab within easy reach of the driver.

### **REFRIGERATOR**

There will be a Norcold Model NR751BB, AC/DC 2.7 cubic foot refrigerator with black painted exterior installed in the apparatus Location TBD.

There will be a 15 amp, 120 volt AC straight blade receptacle, powered from the shoreline, installed near this refrigerator to supply the AC power.

There will be a 15 amp 12 volt DC Deutsch plug and connector, powered with ignition, installed near this refrigerator to supply the DC power.

### **ELECTRICAL SYSTEM GENERAL DESIGN FOR ALTERNATING CURRENT**

The following guidelines will apply to the 120/240 VAC system installation:

#### **General**

Any fixed line voltage power source producing alternating current (ac) line voltage will produce electric power at 60 cycles plus or minus 3 cycles.

Except where superseded by the requirements of NFPA 1901, all components, equipment and installation procedures will conform to NFPA 70, National Electrical Code (herein referred to as the NEC).

Line voltage electrical system equipment and materials included on the apparatus will be listed and installed in accordance with the manufacturer's instructions. All products will be used only in the manner for which they have been listed.

#### **Grounding**

Grounding will be in accordance with Section 250-6 "Portable and Vehicle Mounted Generators" of the NEC. Ungrounded systems will not be used. Only stranded or braided copper conductors will be used for grounding and bonding.

An equipment grounding means will be provided in accordance with Section 250-91 (Grounding Conductor Material) of the NEC.

## Kents Store Volunteer Fire Company

The grounded current carrying conductor (neutral) will be insulated from the equipment grounding conductors and from the equipment enclosures and other grounded parts. The neutral conductor will be colored white or gray in accordance with Section 200-6 (Means of Identifying Grounding Conductors) of the NEC.

In addition to the bonding required for the low voltage return current, each body and driving or crew compartment enclosure will be bonded to the vehicle frame by a copper conductor. This conductor will have a minimum amperage rating of 115 percent of the nameplate current rating of the power source specification label as defined in Section 310-15 (amp capacities) of the NEC. A single conductor properly sized to meet the low voltage and line voltage requirements will be permitted to be used.

All power source system mechanical and electrical components will be sized to support the continuous duty nameplate rating of the power source.

### **Operation**

Instructions that provide the operator with the essential power source operating instructions, including the power-up and power-down sequence, will be permanently attached to the apparatus at any point where such operations can take place.

Provisions will be made for quickly and easily placing the power source into operation. The control will be marked to indicate when it is correctly positioned for power source operation. Any control device used in the drive train will be equipped with a means to prevent the unintentional movement of the control device from its set position.

A power source specification label will be permanently attached to the apparatus near the operator's control station. The label will provide the operator with the following information:

- Rated voltage(s) and type (ac or dc)
- Phase
- Rated frequency
- Rated amperage
- Continuous rated watts
- Power source engine speed

Direct drive (PTO) and portable generator installations will comply with Article 445 (Generators) of the NEC.

### **Overcurrent protection**

The conductors used in the power supply assembly between the output terminals of the power source and the main over current protection device will not exceed 144.00" (3658 mm) in length.

For fixed power supplies, all conductors in the power supply assembly will be type THHW, THW, or use stranded conductors enclosed in nonmetallic liquid tight flexible conduit rated for a minimum of 194 degree Fahrenheit (90 degrees Celsius).

## Kents Store Volunteer Fire Company

For portable power supplies, conductors located between the power source and the line side of the main overcurrent protection device will be type SO or type SEO with suffix WA flexible cord rated for 600-volts at 194 degrees Fahrenheit (90 degrees Celsius).

### Wiring Methods

Fixed wiring systems will be limited to the following:

- Metallic or nonmetallic liquid tight flexible conduit rated at not less than 194 degrees Fahrenheit (90 degrees Celsius)
- or
- Type SO or Type SEO cord with a WA suffix, rated at 600 volts at not less than 194 degrees Fahrenheit (90 degrees Celsius)

Electrical cord or conduit will not be attached to chassis suspension components, water or fuel lines, air or air brake lines, fire pump piping, hydraulic lines, exhaust system components, or low voltage wiring. In addition the wiring will be run as follows.

- Separated by a minimum of 12.00" (305 mm), or properly shielded, from exhaust piping
- Separated from fuel lines by a minimum of 6.00" (152 mm) distance

Electrical cord or conduit will be supported within 6.00" (152 mm) of any junction box and at a minimum of every 24.00" (610 mm) of continuous run. Supports will be made of nonmetallic materials or corrosion protected metal. All supports will be of a design that does not cut or abrade the conduit or cable and will be mechanically fastened to the vehicle.

### Wiring Identification

All line voltage conductors located in the main panel board will be individually and permanently identified. The identification will reference the wiring schematic or indicate the final termination point. When prewiring for future power sources or devices, the unterminated ends will be labeled showing function and wire size.

### Wet Locations

All wet location receptacle outlets and inlet devices, including those on hardwired remote power distribution boxes, will be of the grounding type provided with a wet location cover and installed in accordance with Section 210-7 "Receptacles and Cord Connections" of the NEC.

All receptacles located in a wet location will be not less than 24.00" (610 mm) from the ground. Receptacles on off-road vehicles will be a minimum of 30.00" (762 mm) from the ground.

The face of any wet location receptacle will be installed in a plane from vertical to not more than 45 degrees off vertical. No receptacle will be installed in a face up position.

### Dry Locations

All receptacles located in a dry location will be of the grounding type. Receptacles will be not less than 30.00" (762 mm) above the interior floor height.

## Kents Store Volunteer Fire Company

All receptacles will be marked with the type of line voltage (120-volts or 240-volts) and the current rating in amps. If the receptacles are direct current, or other than single phase, they will be so marked.

### **Listing**

All receptacles and electrical inlet devices will be listed to UL 498, Standard for Safety Attachment Plugs and Receptacles, or other appropriate performance standards. Receptacles used for direct current voltages will be rated for the appropriate service.

### **Electrical System Testing**

The wiring and associated equipment will be tested by the apparatus manufacturer or the installer of the line voltage system.

The wiring and permanently connected devices and equipment will be subjected to a dielectric voltage withstand test of 900-volts for one (1) minute. The test will be conducted between live parts and the neutral conductor, and between live parts and the vehicle frame with any switches in the circuit(s) closed. This test will be conducted after all body work has been completed.

Electrical polarity verification will be made of all permanently wired equipment and receptacles to determine that connections have been properly made.

### **Operational Test per Current NFPA 1901 Standard**

The apparatus manufacturer will perform the following operation test and ensure that the power source and any devices that are attached to the line voltage electrical system are properly connected and in working order. The test will be witnessed and the results certified by an independent third-party certification organization.

The prime mover will be started from a cold start condition and the line voltage electrical system loaded to 100 percent of the nameplate rating.

The power source will be operated at 100 percent of its nameplate voltage for a minimum of two (2) hours unless the system meets category certification as defined in the current NFPA 1901 standard.

Where the line voltage power is derived from the vehicle's low voltage system, the minimum continuous electrical load as defined in the current NFPA 1901 standard will be applied to the low voltage electrical system during the operational test.

### **GENERATOR**

The apparatus will be equipped with a complete electrical power system. The generator will be a Harrison, Model 15.0 NCM, (Narrow Cargo Mount) 15.0 kW hydraulic unit. The wiring and generator installation will conform to the present National Electrical Codes Standards of the National Fire Protection Association. The installation will be designed for continuous operation without overheating and undue stress on components.

### **Generator Performance**

- Continuous Duty Rating: 15,000 watts
- Nominal Volts: 120/240
- Amperage: 125 @ 120 volts, 62.5 @ 240 volts



## Kents Store Volunteer Fire Company

- Phase: Single
- Cycles: 60 hertz
- Engine Speed at Engagement: Idle
- RPM range: 925 to 3,000 (hydraulic pump)

### **Generator Dimensions**

The dimensions were not available when this option was created. This option will be updated when the dimensions become available.

Weight: 455 pounds (dry)

The output of the generator will be controlled by an internal hydraulic system. An electrical instrument gauge panel will be provided for the operator to monitor and control all electrical operations and output.

The generator will be driven by a transmission power take off unit, through a hydraulic pump and motor.

The generator will include an electrical control inside the cab. The hydraulic engagement supply will be operational only after the chassis parking brake is applied.

An electric/hydraulic valve will supply hydraulic fluid to the clutch engagement unit provided on the chassis PTO drive.

### **Generator Instruments and Controls**

To properly monitor the generator performance a digital meter panel will be furnished and mounted next to the circuit breaker panel. The meter will indicate the following items:

- Voltage
- Amperage for both lines
- Frequency
- Generator run hours
- Over current indication
- Over temperature indication
- "Power On" indication
- Two (2) fuse holders with two (2) amp fuses (for indicator light protection)

The meter and indicators will be installed near eye level in the compartment. Instruments will be flush mounted in an appropriate sized weatherproof electrical enclosure. All instruments used will be accurate within +/- two (2) percent.

### **Generator Wiring:**

The system will be installed by highly qualified electrical technicians to assure the required level of safety and protection to the fire apparatus operators. The wiring, electrical fixtures and components will be to the highest industry quality standards available on the domestic market. The equipment will be the type as designed for mobile type installations subject to vibration, moisture and severe continuous usage. The following electrical components will be the minimum acceptable quality standards for this apparatus:

## Kents Store Volunteer Fire Company

### **Wiring:**

All electrical wiring will be fine stranded copper type. The wire will be sized to the load and circuit breaker rating; ten (10) gauge on 30 amp circuits, 12 gauge on 20 amp circuits and 14 gauge on 15 amp circuits. The cable will be run in corner areas and extruded aluminum pathways built into the body for easy access.

### **Load Center:**

The main load center will be a Cutler Hammer with circuit breakers rated to load demand.

### **Circuit Breakers:**

Individual breakers will be provided for all on-line equipment to isolate a tripped breaker from affecting any other on-line equipment.

### **GENERATOR LOCATION**

The generator will be mounted in the in the area over the pump in the center. The flooring in this area will be either reinforced or constructed in such a manner that it will handle the additional weight of the generator.

### **GENERATOR START**

There will be a switch provided on the cab instrument panel to engage the generator.

### **CIRCUIT BREAKER PANEL**

The circuit breaker panel will be located high on the left wall of compartment LS3.

### **LIGHT TOWER**

There will be one (1) Command Light Model SL442A-FS, light tower provided on the apparatus.

There will be four (4) Fire Research Model K20, 20,000 lumens 120 volt AC lights with white LEDs included on this tower.

This tower will not include the back light option.

This tower will not include a strobe light.

The color of the tower to be gray with black lamps.

This tower will activate the Do Not Move Truck Indicator light in the cab if not in the stowed position when the parking brake is released.

### **LIGHT TOWER LOCATION**

The light tower will be installed in the front hose bed area.

### **LIGHT TOWER CONTROLLER**

There will be a handheld wired controller included with the light tower.

### **LOCATION FOR THE LIGHT TOWER CONTROLLER**

The light tower controller will be installed in the driver's side front body compartment.

### **ELECTRIC CORD REEL**

Furnished with the 120-volt AC electrical system will be an Akron cord reel. The reel will be provided with a 12-volt electric rewind switch that is guarded to prevent accidental operation and labeled for its intended use. The switch will be protected with a fuse and installed at a height not to exceed 72.00" above the operators standing position.

The reel will be capable holding 12/3, 600-volt cable or 10/3, 600-volt cable.

The exterior finish of the reel(s) will be powder coated silver from the reel manufacturer.

A Nylatron guide to be provided to aid in the payout and loading of the reel. A ball stop will be provided to prevent the cord from being wound on the reel.

A label will be provided in a readily visible location adjacent to the reel. The label will indicate current rating, current type, phase, voltage and total cable length.

A total of one (1) cord reel will be provided one (1) above the pump area on the right side.

The cord reel should be configured with three (3) conductors.

### **Reel Warranty**

The electric reel will come with a **five (5)-year** warranty provided by the reel manufacturer.

### **CORD**

Provided for electric distribution will be one (1) length installed on the reel of 200 feet of black 10/3 electrical cord. No connector will be installed on the end of the cord.

### **ROLLER GUIDE**

A captive roller assembly will be installed in the side sheet to aid in the payout of the cord from a reel mounted in the cargo area.

A total of one (1) roller guide will be installed PS cargo area above pump.

### **240 VOLT SWITCHED RECEPTACLE**

There will be one (1), 30 amp 240 volt AC three (3) wire twist lock receptacle(s) with waterproof flip up cover(s) installed near the hydraulic power suppl(ies). The NEMA configuration for the receptacles will be L6-30R.

The switch will allow the power suppl(ies) to be plugged in at all times, with the power supply switch turned on, and controlled by the remote switch located Front bumper near the reels.

The receptacle(s) will be powered from the generator.

There will be a label installed near the receptacle(s) that state the following:

- Line Voltage
- Current Rating (amps)
- Phase
- Frequency

## Kents Store Volunteer Fire Company

- Power Source

### **HYDRAULIC POWER SUPPLY**

An Amkus, Model EF2S-STD electric driven power supply will be provided.

The power supply will be a 240 VAC unit with maximum operating pressure of 10,500 psi and will be capable of supplying hydraulic power for up to two (2) tools. The power supply will be provided with separate hydraulic pumps for completely independent simultaneous operation.

A total of one (1) will be provided TBD.

### **HYDRAULIC HOSE**

A 20'-30' section of Amkus high pressure twin hose will be provided.

The hose will be one (1) continuous length, without unions. The hose will be equipped with quick connection type fittings on one (1) end with swivel fittings on the opposite end.

A total of two (2) section(s) of hose will be provided.

The colors of the hose(s) will be:

Hose One (1): blue/yellow

Hose Two (2): red/red

Hose Three (3): no hose required

Hose Four (4): no hose required

Hose Five (5): no hose required

Hose Six (6): no hose required

The hose(s) will be located TBD.

### **HYDRAULIC HOSE**

A 100' section of Amkus high pressure twin hose will be provided.

The hose will be one (1) continuous length, without unions. The hose will be equipped with quick connection type fittings at the tool end.

A total of two (2) section(s) of hose will be provided.

The colors of the hose(s) will be:

Hose One (1): yellow/black

Hose Two (2): blue/yellow

Hose Three (3): no hose required

## Kents Store Volunteer Fire Company

Hose Four (4): no hose required

Hose Five (5): no hose required

Hose Six (6): no hose required

The hose(s) will be located Reels in the front bumper.

### **HYDRAULIC REEL WITHOUT HOSE INSTALLED IN THE FRONT BUMPER EXTENSION**

A hydraulic hose reel will be provided in the front bumper extension. The reel will be operated by a 12 volt electric motor controlled by a rewind switch. The motor will be protected by a circuit breaker and the rewind circuit will be protected by a fuse. The switch will be guarded to prevent accidental operation

The reel will have capacity for a maximum of 100' of bonded or unbonded twinline hydraulic hose with an inside diameter of no more than 0.25" (hydraulic hose priced separately). There will be no hose provided on the reel.

Surfaces where the hose comes in contact with the reel roller will be constructed of stainless steel, chrome plated steel or plastic.

The brand, model and age of tool being used with this hose will be Amkus.

For each reel, A captive roller assembly to be provided to aid in the payout and loading of the reel. A ball stop will be provided for each reel that utilizes a captive roller assembly as the reel guide.

A label will be provided in a readily visible location adjacent to the reel. The label will indicate maximum flow pressure and total length of hose that can be installed on the reel.

The reel will be protected from the weather by an aluminum treadplate enclosure. The cover will be hinged and will have a pneumatic arm on the inside to hold the cover in the open position. The bottom portion of the enclosure will be removable.

Plastic conduit will be provided to protect the hydraulic connection hose that supplies power to the hydraulic reel (connection hose priced separately). The conduit will be routed from the back of the cab to near the front bumper.

A total quantity of two (2) reels will be provided.

### **HYDRAULIC FLUID**

One (1) gallon of mineral oil fluid will be provided for the hydraulic tool system. Oil will be ISO viscosity grade 22.

A total of three (3) will be provided.

### **POWER SUPPLY MOUNTING BRACKET**

A mounting provision for a AMKUS hydraulic power supply unit will be installed in a hatch compartment. The bracket will provide a secure mount for use during transit and will have provisions to quick release the unit for fast removal.

## Kents Store Volunteer Fire Company

There will be a vertical partition provided separating the mounting location from the rest of the hatch. The interior vertical wall of the hatch compartment will be louvered to provide ventilation for the power unit.

A total of one (1) will be provided TBD.

### **LOOSE EQUIPMENT**

The following equipment will be furnished with the completed unit:

- One (1) bag of chrome, stainless steel, or cadmium plated screws, nuts, bolts and washers, as used in the construction of the unit.

### **NFPA REQUIRED LOOSE EQUIPMENT PROVIDED BY FIRE DEPARTMENT**

The following loose equipment as outlined in NFPA 1901, 2016 edition, section 5.9.3 and 5.9.4 will be provided by the fire department.

- 800 ft (60 m) of 2.50" (65 mm) or larger fire hose.
- 400 ft (120 m) of 1.50" (38 mm), 1.75" (45 mm), or 2.00" (52 mm) fire hose.
- One (1) handline nozzle, 200 gpm (750 L/min) minimum.
- Two (2) handline nozzles, 95 gpm (360 L/min) minimum.
- One (1) smoothbore or combination nozzle with 2.50" shutoff that flows a minimum of 250 gpm.
- One (1) SCBA complying with NFPA 1981 for each assigned seating position, but not fewer than four (4), mounted in brackets fastened to the apparatus or stored in containers supplied by the SCBA manufacturer.
- One (1) spare SCBA cylinder for each SCBA carried, each mounted in a bracket fastened to the apparatus or stored in a specially designed storage space(s).
- One (1) first aid kit.
- Four (4) combination spanner wrenches.
- Two (2) hydrant wrenches.
- One (1) double female 2.50" (65 mm) adapter with National Hose threads.
- One (1) double male 2.50" (65 mm) adapter with National Hose threads.
- One (1) rubber mallet, for use on suction hose connections.
- Two (2) salvage covers each a minimum size of 12 ft x 14 ft (3.7 m x 4.3 m).
- One (1) traffic vest for each seating position, each vest to comply with ANSI/ISEA 207, *Standard for High Visibility Public Safety Vests*, and have a five-point breakaway feature that includes two (2) at the shoulders, two (2) at the sides, and one (1) at the front.
- Five (5) fluorescent orange traffic cones not less than 28.00" (711 mm) in height, each equipped with a 6.00" (152 mm) retro-reflective white band no more than 4.00" (152 mm) from the top of the cone, and an additional 4.00" (102 mm) retro-reflective white band 2.00" (51 mm) below the 6.00" (152 mm) band.
- Five (5) illuminated warning devices such as highway flares, unless the five (5) fluorescent orange traffic cones have illuminating capabilities.
- One (1) automatic external defibrillator (AED).
- Four (4) ladder belts meeting the requirements of NFPA 1983, *Standard on Fire Service Life Safety Rope and System Components* (if equipped with an aerial device).

## Kents Store Volunteer Fire Company

- If the supply hose carried does not use sexless couplings, an additional double female adapter and double male adapter, sized to fit the supply hose carried, will be carried mounted in brackets fastened to the apparatus.
- If none of the pump intakes are valved, a hose appliance that is equipped with one or more gated intakes with female swivel connection(s) compatible with the supply hose used on one side and a swivel connection with pump intake threads on the other side will be carried. Any intake connection larger than 3.00" (75 mm) will include a pressure relief device that meets the requirements of 16.6.6.
- If the apparatus does not have a 2.50" National Hose (NH) intake, an adapter from 2.50" NH female to a pump intake will be carried, mounted in a bracket fastened to the apparatus if not already mounted directly to the intake.
- If the supply hose carried has other than 2.50" National Hose (NH) threads, adapters will be carried to allow feeding the supply hose from a 2.50" NH thread male discharge and to allow the hose to connect to a 2.50" NH female intake, mounted in brackets fastened to the apparatus if not already mounted directly to the discharge or intake.

### **SOFT SUCTION HOSE PROVIDED BY FIRE DEPARTMENT**

NFPA 1901, 2016 edition, section 5.8.2.1 requires a minimum of 20' of suction hose or 15' of supply hose will be carried.

Hose is not on the apparatus as manufactured. The fire department will provide suction or supply hose.

### **DRY CHEMICAL EXTINGUISHER PROVIDED BY FIRE DEPARTMENT**

NFPA 1901, 2016 edition, section 5.9.4 requires one (1) approved dry chemical portable fire extinguisher with a minimum 80-B:C rating mounted in a bracket fastened to the apparatus.

The extinguisher is not on the apparatus as manufactured. The fire department will provide and mount the extinguisher.

### **WATER EXTINGUISHER PROVIDED BY FIRE DEPARTMENT**

NFPA 1901, 2016 edition, section 5.9.4 requires one (1) 2.5 gallon or larger water extinguisher mounted in a bracket fastened to the apparatus.

The extinguisher is not on the apparatus as manufactured. The fire department will provide and mount the extinguisher.

### **FLATHEAD AXE PROVIDED BY FIRE DEPARTMENT**

NFPA 1901, 2016 edition, Section 5.9.4 requires one (1) flathead axe mounted in a bracket fastened to the apparatus.

The axe is not on the apparatus as manufactured. The fire department will provide and mount the axe.

### **PICKHEAD AXE PROVIDED BY FIRE DEPARTMENT**

NFPA 1901, 2016 edition, Section 5.9.4 requires one (1) pickhead axe mounted in a bracket fastened to the apparatus.

The axe is not on the apparatus as manufactured. The fire department will provide and mount the axe.

## **PAINT PROCESS**

The exterior custom cab and/or body painting procedure will consist of a seven (7) step finishing process. A commercial chassis paint process will follow similar processes as determined by the chassis manufacturer. The following procedure will be used by Pierce:

1. **Manual Surface Preparation** - All exposed metal surfaces on the custom cab and body will be thoroughly cleaned and prepared for painting. Imperfections on the exterior surfaces will be removed and sanded to a smooth finish. Exterior seams will be sealed before painting. Exterior surfaces that will not be painted include; chrome plating, polished stainless steel, anodized aluminum and bright aluminum treadplate.
2. **Chemical Cleaning and Pretreatment** - All surfaces will be chemically cleaned to remove dirt, oil, grease, and metal oxides to ensure the subsequent coatings bond well. The aluminum surfaces will be properly cleaned and treated using a high pressure, high temperature 4 step Acid Etch process. The steel and stainless surfaces will be properly cleaned and treated using a high temperature 3 step process specifically designed for steel or stainless. The chemical treatment converts the metal surface to a passive condition to help prevent corrosion. A final pure water rinse will be applied to all metal surfaces.
3. **Surfacer Primer** - The Surfacer Primer will be applied to a chemically treated metal surface to provide a strong corrosion protective base coat. A minimum thickness of 2 mils of Surfacer Primer is applied to surfaces that require a critical aesthetic finish. The surfacer primer will be a two-component high solids urethane that has excellent sanding properties and an extra smooth finish when sanded.
4. **Finish Sanding** - The surfacer primer will be sanded with a fine grit abrasive to achieve an ultra-smooth finish. This sanding process is critical to produce the smooth mirror like finish in the topcoat.
5. **Sealer Primer** - The sealer primer is applied prior to the base coat in all areas that have not been previously primed with the surfacer primer. The sealer primer is a two-component high solids urethane that goes on smooth and provides excellent gloss hold out when top coated.
6. **Base coat Paint** - Two coats of a high performance, two component high solids polyurethane base coat will be applied. The Base coat will be applied to a thickness that will achieve the proper color match. The Base coat will be used in conjunction with a urethane clear coat to provide protection from the environment.
7. **Clear Coat** - Two (2) coats of clear coat will be applied over the base coat color. The clear coat is a two-component high solids urethane that provides superior gloss and durability to the exterior surfaces. Lap style doors will be clear coated to match the body. Paint warranty for the roll-up doors will be provided by the roll-up door manufacturer.

Our specifications are written to define cyclic corrosion testing, physical strengths, durability and minimum appearance requirements must be met in order for an exterior paint finish to be considered acceptable as a quality finish.

Each batch of base coat color will be checked for a proper match before painting of the cab and the body. After the cab and body are painted, the color is verified again to make sure that it matches the color standard. Electronic color measuring equipment will be used to compare the color sample to the



## Kents Store Volunteer Fire Company

color standard entered into the computer. Color specifications are used to determine the color match. A Delta E reading will be used to determine a good color match within each family color.

All removable items such as brackets, compartment doors, door hinges, and trim will be removed and separately if required, to ensure paint behind all mounted items. Body assemblies that cannot be finish painted after assembly will be finish painted before assembly.

### **PAINT - ENVIRONMENTAL IMPACT**

Contractor will meet or exceed all current State regulations concerning paint operations. Pollution control will include measures to protect the atmosphere, water and soil. Controls will include the following conditions:

- Topcoats and primers will be chrome and lead free.
- Metal treatment chemicals will be chrome free. The wastewater generated in the metal treatment process will be treated on-site to remove any other heavy metals.
- Particulate emission collection from sanding operations will have a 99.99% efficiency factor.
- Particulate emissions from painting operations will be collected by a dry filter or water wash process. If the dry filter is used, it will have an efficiency rating of 98.00%. Water wash systems will be 99.97% efficient
- Water from water wash booths will be reused. Solids will be removed on a continual basis to keep the water clean.
- Paint wastes will be disposed of in an environmentally safe manner.
- Empty metal paint containers will be recycled to recover the metal.
- Solvents used in clean-up operations will be recycled on-site or sent off-site for distillation and returned for reuse.

Additionally, the finished apparatus will not be manufactured with or contain products that have ozone depleting substances. Pierce will, upon demand, present evidence that the manufacturing facility meets the above conditions and that it is in compliance with the state EPA rules and regulations.

### **PAINT**

To ensure a perfect color match between the body and chassis, the apparatus manufacturer will also repaint the commercial chassis cab. The apparatus will be painted #379 Metallic Blue.

### **COMMERCIAL CHASSIS REPAINT**

In order to assure a perfect match between the chassis cab and the rest of the apparatus, or to provide the specified color not typically available from a commercial chassis manufacturer, the chassis cab will be repainted by the apparatus manufacturer.

Since it is not practical to repaint certain areas of the cab such as the fire wall, radiator core support, or bottom of the cab, the best results will be obtained by ordering the commercial chassis painted a neutral color.

### **TWO-TONE CAB**

The cab will be painted two-tone by the apparatus manufacturer. The top portion of the cab will be painted to match Pierce #10 white to match the purchaser's photograph or design.

**PAINT CHASSIS FRAME ASSEMBLY**

The chassis frame assembly shall be painted black by the chassis manufacturer. It shall remain the commercial grade finish as provided.

**COMPARTMENT INTERIOR PAINT**

The interior of all compartments will be painted with a gray spatter finish for ease of cleaning and to make it easier to touch up scratches and nicks.

**REFLECTIVE STRIPES**

Three (3) reflective stripes will be provided across the front of the vehicle and along the sides of the body. The reflective band will consist of a 1.00" gold stripe at the top with a 1.00" gap then a 4.00" white stripe with a 1.00" gap and a 1.00" gold stripe on the bottom.

**REAR CHEVRON STRIPING**

There will be alternating chevron striping located on the rear-facing vertical surface of the apparatus. The rear surface, excluding the rear compartment door, will be covered.

The colors will be red and fluorescent yellow green diamond grade.

Each stripe will be 6.00" in width.

This will meet the requirements of the current edition of NFPA 1901, which states that 50% of the rear surface will be covered with chevron striping.

**JOG(S) IN REFLECTIVE BAND**

The reflective band located on each side of the apparatus body will contain one (1) jog(s) and will be angled at approximately a 45 degrees when installed.

**"Z" RIBBON IN REFLECTIVE STRIPE**

"Z" type ribbon(s) will be added to the reflective stripe. Areas adjacent to the "Z" portion of the stripe will be shaded and highlighted with an air brush to give it a ribbon affect. There will be one (1) pair on the vehicle.

**CAB DOORS REFLECTIVE STRIPE**

A white reflective stripe will be provided on the interior of each cab door.

This stripe will be a minimum of 96.00 square inches and will meet the NFPA 1901 requirement.

**BODY STRIPE**

There will be a genuine gold leaf stripe provided on each side of the body, over the fender.

**CAB STRIPE**

There will be a genuine gold leaf stripe on each side of the cab, low and over the fender.

**LETTERING**

The lettering will be totally encapsulated between two (2) layers of clear vinyl.

**LETTERING**

Eighty-one (81) to one hundred (100) genuine gold leaf lettering, 3.00" high, with outline will be provided.

**LETTERING**

One (1) to twenty (20) genuine gold leaf lettering, 10.00" high, with outline will be provided.

**LETTERING**

Twenty-one (21) to forty (40) reflective lettering, 6.00" high, with outline and shade will be provided.

**MANUAL, BODY PARTS ONLY**

A custom parts manual for the Pierce® installed parts only will be provided in USB flash drive format with the completed unit.

The manual will contain the following:

- Job number
- Part numbers with full descriptions
- Table of contents
- Parts section sorted in functional groups reflecting a major system, component, or assembly
- Parts section sorted in Alphabetical order
- Instructions on how to locate parts

The manual will be specifically written for the body model being purchased. It will not be a generic manual for a multitude of different bodies.

**SERVICE PARTS INTERNET SITE**

The service parts information included in this manual are also available on the Pierce website. The website offers additional functions and features not contained in this manual, such as digital photographs and line drawings of select items. The website also features electronic search tools to assist in locating parts quickly.

**MANUALS, SERVICE**

A USB flash drive format service manual supplement containing parts and service information on Pierce® installed components will be provided with the completed unit.

The manual will be specifically written for the unit being purchased. It will not be a generic manual for a multitude of different units.

**MANUAL, CHASSIS OPERATION**

One (1) chassis operation manual will be provided with the completed unit.

**ONE (1) YEAR MATERIAL AND WORKMANSHIP**

Each new piece of apparatus will be provided with a minimum one (1) year basic apparatus material and workmanship limited warranty. The warranty will cover such portions of the apparatus built by the manufacturer as being free from defects in material and workmanship that would arise under normal use and service.

A copy of the warranty certificate will be submitted with the bid package.

**CHASSIS WARRANTY**

The chassis manufacturer will provide a **three (3) year or 100,000 mile warranty**.

**TEN (10) YEAR PRO-RATED PAINT AND CORROSION**

A Pierce cab limited pro-rated paint warranty certificate, WA0055, is included with this proposal.

**COMPARTMENT LIGHT WARRANTY**

The compartment lights will not offer an extended warranty.

**TRANSMISSION WARRANTY**

The transmission will have a **five (5) year/unlimited mileage** warranty covering 100 percent parts and labor. The warranty to be provided by Allison Transmission and not apparatus builder.

**WATER TANK WARRANTY**

A UPF poly water tank limited warranty certificate, WA0195, is included with this proposal.

**TEN (10) YEAR STRUCTURAL INTEGRITY**

The Pierce apparatus body limited warranty certificate, WA0009, is included with this proposal.

**ROLL UP DOOR MATERIAL AND WORKMANSHIP WARRANTY**

An AMDOR roll-up door limited warranty will be provided. The roll-up door will be warranted against manufacturing defects for a period of **ten (10) years**. A **five (5) year** limited warranty will be provided on painted roll up doors.

The limited warranty certificate, WA0185, is included with this proposal.

**PUMP WARRANTY**

A Waterous pump limited warranty certificate, WA0225, is included with this proposal.

**TEN (10) YEAR PUMP PLUMBING WARRANTY**

The Pierce apparatus plumbing limited warranty certificate, WA0035, is included with this proposal.

**FOAM SYSTEM WARRANTY**

The Husky 12 foam system limited warranty certificate, WA0231, is included with this proposal.

**SIX (6) YEAR GENERATOR MATERIAL AND WORKMANSHIP WARRANTY**

A Harrison Hydra-Gen limited warranty certificate, WA0285, is included with this proposal.

**TEN (10) YEAR PRO-RATED PAINT AND CORROSION**

A Pierce body limited pro-rated paint warranty certificate, WA0057, is included with this proposal.

**THREE (3) YEAR MATERIAL AND WORKMANSHIP**

The Pierce Goldstar gold leaf lamination limited warranty limited warranty certificate, WA0018, is included with this proposal.

**VEHICLE STABILITY CERTIFICATION**

The fire apparatus manufacturer will provide a certification stating the apparatus complies with NFPA 1901, current edition, section 4.13, Vehicle Stability. The certification will be provided at the time of bid.

**CAB INTEGRITY**

The cab has been tested to and passed the following standards:

- ECE Regulation No.29
- SAE J2422 Cab Roof Strength Evaluation - Quasi-Static Loading Heavy Trucks.

**AMP DRAW REPORT**

The bidder will provide, at the time of bid and delivery, an itemized print out of the expected amp draw of the entire vehicle's electrical system.

The manufacturer of the apparatus will provide the following:

- Documentation of the electrical system performance tests.
- A written load analysis, which will include the following:
  - The nameplate rating of the alternator.
  - The alternator rating under the conditions specified per:
    - Applicable NFPA 1901 or 1906 (Current Edition).
  - The minimum continuous load of each component that is specified per:
    - Applicable NFPA 1901 or 1906 (Current Edition).
  - Additional loads that, when added to the minimum continuous load, determine the total connected load.
  - Each individual intermittent load.

All of the above listed items will be provided by the bidder per the applicable NFPA 1901 or 1906 (Current Edition).

## NEW PRODUCT WARRANTY



**PARTICIPATING OEM SALES  
DISTRIBUTOR SALES**

### LIMITED WARRANTY ON NEW ALLISON AUTOMATIC TRANSMISSIONS USED IN EMERGENCY VEHICLE APPLICATIONS

Allison Transmission will provide for repairs or replacement, at its option, during the warranty period of each new Allison transmission listed below that is installed in an Emergency Vehicle in accordance with the following terms, conditions, and limitations.

#### WHAT IS COVERED

- **WARRANTY APPLIES** — This warranty is for new Allison transmission models listed below installed in an Emergency Vehicle and is provided to the original and any subsequent owner(s) of the vehicle during the warranty period.
- **REPAIRS COVERED** — The warranty covers repairs or replacement, at Allison Transmission’s option, to correct any transmission malfunction resulting from defects in material or workmanship occurring during the warranty period. Needed repairs or replacements will be performed using the method Allison Transmission determines most appropriate under the circumstances.
- **TOWING** — Towing is covered to the nearest Allison Transmission Distributor or authorized Dealer only when necessary to prevent further damage to your transmission.
- **PAYMENT TERMS** — Warranty repairs, including parts and labor, will be covered per the schedule shown in the chart contained in section “APPLICABLE MODELS, WARRANTY LIMITATIONS, AND ADJUSTMENT SCHEDULE.”
- **OBTAINING REPAIRS** — To obtain warranty repairs, take the vehicle to any Allison Transmission Distributor or authorized Dealer within a reasonable amount of time and request the needed repairs. A reasonable amount of time must be allowed for the Distributor or Dealer to perform necessary repairs.
- **TRANSMISSION REMOVAL AND REINSTALLATION** — Labor costs for the removal and re-installation of the transmission, when necessary to make a warranty repair, are covered by this warranty.
- **WARRANTY PERIOD** — The warranty period for all coverages shall begin on the date the transmission is delivered to the first retail purchaser, with the following exception:

**Demonstration Service** - A transmission in a new truck or bus may be demonstrated to a total of 5000 miles (8000 kilometers). If the vehicle is within this limit when sold to a retail purchaser, the warranty start date is the date of purchase. Normal warranty services are applicable to the demonstrating Dealer. Should the truck or bus be sold to a retail purchaser after these limits are reached, the warranty period will begin on the date the vehicle was first placed in demonstration service and the purchaser will be entitled to the remaining warranty.

#### APPLICABLE MODELS, WARRANTY LIMITATIONS, AND ADJUSTMENT SCHEDULE

APPLICABLE MODELS	WARRANTY LIMITATIONS (Whichever occurs first)		ADJUSTMENT CHARGE TO BE PAID BY THE CUSTOMER	
	Months	Transmission Miles Or Kilometers	Parts	Labor
MT, MD 3000, 3200, 3500, 3700	0-24	No Limit	No Charge	No Charge
HT with Hydraulic Controls	0-24	No Limit	No Charge	No Charge
AT, 1000 Series™, 2000 Series™, 2400 Series™	0-36	No Limit	No Charge	No Charge
HT with Electronic Controls	0-60	No Limit	No Charge	No Charge
HD 1000 EVS, 2100 EVS, 2200 EVS 2350 EVS, 2500 EVS, 2550 EVS, 3000 EVS, 3500 EVS, 4000, 4000 EVS, 4500, 4500 EVS, 4700, 4700 EVS, 4800, 4800 EVS	0-60	No Limit	No Charge	No Charge

## WHAT IS NOT COVERED

- **DAMAGE DUE TO ACCIDENT, MISUSE, or ALTERATION** — Defects and damage caused as the result of any of the following are not covered:
  - Flood, collision, fire, theft, freezing, vandalism, riot, explosion, or objects striking the vehicle;
  - Misuse of the vehicle;
  - Installation into unapproved applications and installations;
  - Alterations or modification of the transmission or the vehicle, and
  - Damage resulting from improper storage (refer to long-term storage procedure outlined in the applicable Allison Service Manual)
  - Anything other than defects in Allison Transmission material or workmanship

**NOTE:** This warranty is void on transmissions used in vehicles currently or previously titled as salvaged, scrapped, junked, or totaled.

- **CHASSIS, BODY, and COMPONENTS** — The chassis and body company (assemblers) and other component and equipment manufacturers are solely responsible for warranties on the chassis, body, component(s), and equipment they provide. Any transmission repair caused by an alteration(s) made to the Allison transmission or the vehicle which allows the transmission to be installed or operated outside of the limits defined in the appropriate Allison Installation Guideline is solely the responsibility of the entity making the alteration(s).
- **DAMAGE CAUSED by LACK of MAINTENANCE or by the USE of TRANSMISSION FLUIDS NOT RECOMMENDED in the OPERATOR'S MANUAL** — Defects and damage caused by any of the following are not covered:
  - Failure to follow the recommendations of the maintenance schedule intervals applicable to the transmission;
  - Failure to use transmission fluids or maintain transmission fluid levels recommended in the Operator's Manual.
- **MAINTENANCE** — Normal maintenance (such as replacement of filters, screens, and transmission fluid) is not covered and is the owner's responsibility.
- **REPAIRS by UNAUTHORIZED DEALERS** — Defects and damage caused by a service outlet that is not an authorized Allison Transmission Distributor or Dealer are not covered.
- **USE of OTHER THAN GENUINE ALLISON TRANSMISSION PARTS** — Defects and damage caused by the use of parts that are not genuine Allison Transmission parts are not covered.
- **EXTRA EXPENSES** — Economic loss and extra expenses are not covered. Examples include but are not limited to: loss of vehicle use; inconvenience; storage; payment for loss of time or pay; vehicle rental expense; lodging; meals; or other travel costs.
- **"DENIED PARTY" OWNERSHIP** — Warranty repair parts and labor costs are not reimbursed to any participating or non-participating OEMs, dealers or distributors who perform warranty work for, or on behalf of, end users identified by the United States as being a "denied party" or who are citizens of sanctioned or embargoed countries as defined by the U.S. Department of Treasury Office of Foreign Assets Control. Furthermore, warranty reimbursements are not guaranteed if the reimbursement would be contrary to any United States export control laws or regulations as defined by the U.S. Department of Commerce, the U.S. Department of State, or the U.S. Department of Treasury.

## OTHER TERMS APPLICABLE TO CONSUMERS AS DEFINED by the MAGNUSON-MOSS WARRANTY ACT

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Allison Transmission does not authorize any person to create for it any other obligation or liability in connection with these transmissions.

**ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLICABLE TO THESE TRANSMISSIONS IS LIMITED IN DURATION TO THE DURATION OF THIS WRITTEN WARRANTY. PERFORMANCE OF REPAIRS AND NEEDED ADJUSTMENTS IS THE EXCLUSIVE REMEDY UNDER THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY. ALLISON TRANSMISSION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES (SUCH AS, BUT NOT LIMITED TO, LOST WAGES OR VEHICLE RENTAL EXPENSES) RESULTING FROM BREACH OF THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY.\*\***

\*\* Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

## OTHER TERMS APPLICABLE TO OTHER END-USERS

**THIS WARRANTY IS THE ONLY WARRANTY APPLICABLE TO THE ALLISON TRANSMISSION MODELS LISTED ABOVE AND IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALLISON TRANSMISSION DOES NOT AUTHORIZE ANY PERSON TO CREATE FOR IT ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH SUCH TRANSMISSIONS. ALLISON TRANSMISSION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM BREACH OF THIS WARRANTY OR ANY IMPLIED WARRANTY.**

## QUESTIONS

If you have any questions regarding this warranty or the performance of warranty obligations, you may contact any Allison Transmission Distributor or Dealer or write to:

Allison Transmission, Inc.  
P.O. Box 894  
Indianapolis, IN 46206-0894  
Attention: Warranty Administration PF-9

## Waterous Five-Year Limited Warranty

WATEROUS warrants, to the original Buyer only, that products manufactured by WATEROUS will be free from defects in material and workmanship under normal use and service for a period of five (5) years from the date the product is first placed in service, or five and one-half (5-1/2) years from the date of shipment by WATEROUS, whichever period shall be the first to expire; provided the Buyer notifies WATEROUS, in writing, of the defect in said product within the warranty period, and said product is found by WATEROUS to be nonconforming with the aforesaid warranty. When required in writing by WATEROUS, defective products must be promptly returned by Buyer to WATEROUS at WATEROUS' plant at South St. Paul, Minnesota, or at such other place as may be specified by WATEROUS, with transportation and other charges prepaid. A Returned Material Authorization (RMA) is required for all products and parts and may be requested by phone, fax, email, or mail. The aforesaid warranty excludes any responsibility or liability of WATEROUS for:

- (a) damages or defects due to accident, abuse, misuse, abnormal operating conditions, negligence, accidental causes, use in non-firefighting applications, or improper maintenance, or attributable to written specifications or instructions furnished by Buyer;
- (b) defects in products manufactured by others and furnished by WATEROUS hereunder, it being understood and agreed by the parties that the only warranty provided for such products shall be the warranty provided by the manufacturer thereof which, if assignable, WATEROUS will assign to Buyer, if requested by Buyer;
- (c) any product or part, altered, modified, serviced or repaired other than by WATEROUS, without its prior written consent;
- (d) the cost of dismantling, removing, transporting, storing, or insuring the defective product or part and the cost of reinstallation; and
- (e) normal wear items (packing, strainers, filters, light bulbs, anodes, intake screens, mechanical seals, etc.).

**ALL OTHER WARRANTIES ARE EXCLUDED, WHETHER EXPRESS OR IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT, WHETHER AS A RESULT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, OR ANY OTHER CAUSE OF ACTION, SHALL WATEROUS BE LIABLE FOR ANY PUNITIVE, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR FOR PERSONAL INJURY OR PROPERTY DAMAGES.**

The exclusive remedy of Buyer and the sole liability of WATEROUS, whether based on contract, warranty, tort or any other basis of recovery whatsoever, is expressly limited at the election of WATEROUS to:

- (a) the replacement at the agreed point of delivery of any product or part, which upon inspection by WATEROUS or its duly authorized representative, is found not to conform to the limited warranty set forth above, or
- (b) the repair of such product or part, or
- (c) the refund or crediting to Buyer of the net sales price of the defective product or part.

**BUYER'S REMEDIES CONTAINED HEREIN ARE EXCLUSIVE OF ANY OTHER REMEDY OTHERWISE AVAILABLE TO BUYER.**

**Waterous Company**  
125 Hardman Avenue South  
South St. Paul, MN 55075 USA  
[www.waterousco.com](http://www.waterousco.com)



F-2113 (07/17/12)





# Fire and Rescue Apparatus

## One (1) Year Material and Workmanship Basic Apparatus

# Limited Warranty

### 1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

<b>Coverage:</b>	<b>Portions of the apparatus manufactured by Pierce shall be free from defects in material and workmanship</b>
<b>Warranty Begins:</b>	<b>The date the apparatus is placed in service, or 60 days from the original buyer invoice date, whichever comes first.</b>
<b>Warranty Period Ends After:</b>	<b>Twelve (12) months.</b>
<b>Conditions and Exclusions:</b>  <b>See Also Paragraphs 2 thru 4</b>	<b>No specific exclusions apply</b>

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

### 2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

### 3. BUYER'S EXCLUSIVE REMEDY

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

### 4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

*Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.*



**Certification Document CD0022  
Freightliner  
Cab Integrity Certification**

Freightliner certifies the integrity of their cab relative to occupant protection.


**DAIMLER**

November 7, 2008

To whom it may concern,

Daimler Trucks North America LLC assures the cab strength of FreightlinerM2 and Cascadia vehicles conform to the test requirements of SAE J2422 Roof Crush (US), ECE R29 Backwall Impact (European) and TSVS 1981:21 A-pillar Impact (Swedish). The SAE J2420 applies only to COE vehicles so we have not chosen to apply it to Conventionals.

Sincerely,



Bob Johnson  
Sr. Compliance Analyst

**Bob Johnson**  
Sr. Compliance Analyst  
Compliance and Regulatory Affairs

Daimler Trucks North America LLC  
4747 N Channel  
Portland, OR 97208-3849  
503-745-5076 Phone  
503-745-5544 Fax  
Bob.johnson@daimler.com



# Fire and Rescue Apparatus

## Three (3) Year Material and Workmanship

### Goldstar® Gold Leaf Lamination

### Limited Warranty

#### 1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	Each Goldstar® gold leaf lamination shall be free from defects in material and workmanship.
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	Three (3) Years
Conditions and Exclusions:  See Also Paragraphs 2 thru 4	This warranty does not cover damage from lack of maintenance and cleaning (proper cleaning and maintenance procedures are detailed in the Pierce operation and maintenance manual).

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

#### 2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

#### 3. BUYER'S EXCLUSIVE REMEDY

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

#### 4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



# Fire and Rescue Apparatus

## Ten (10) Year Pro-Rated Paint and Corrosion

### Cab

## Limited Warranty

### 1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	Exterior surfaces of the cab painted by Pierce shall be free from blistering, peeling, corrosion or any other adhesion defect caused by defective manufacturing methods or paint material selection.
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	Ten (10) Years
Conditions and Exclusions:  See Also Paragraphs 2 thru 4	<p>This limited warranty is applicable to the vehicle in the following percentage costs of warranty repair, if any:</p> <p><b>Topcoat Durability &amp; Appearance: Gloss, Color Retention &amp; Cracking</b>  0-72 months 100%  73-96 months 50%  97-120 months 25%</p> <p><b>Integrity of Coating System: Adhesion, Blistering/Bubbling</b>  0-36 months 100%  37-84 months 50%  85-120 months 25%</p> <p><b>Corrosion: Dissimilar Metal and Crevice</b>  0-36 months 100%  37-48 months 50%  49-72 months 25%  73-120 months 10%</p> <p><b>Corrosion Perforation</b>  0-120 months 100%</p> <p>This limited warranty applies only to exterior paint. Paint on the vehicle's interior is warranted only under the Pierce Basic One Year Limited Warranty.</p> <p>Items not covered by this warranty include:  (a) Damage from lack of maintenance and cleaning (proper cleaning and maintenance procedures are detailed in the Pierce operation and maintenance manual).  (b) UV paint fade.  (c) Any cab not manufactured by Pierce.</p>

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

### 2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

### 3. BUYER'S EXCLUSIVE REMEDY

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

### 4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



# Fire and Rescue Apparatus

## Ten (10) Year Pro-Rated Paint and Corrosion

### Custom Body

# Limited Warranty

#### 1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	Exterior surfaces of the body shall be free from blistering, peeling, corrosion or any other adhesion defect caused by defective manufacturing methods or paint material selection.
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	Ten (10) Years
Conditions and Exclusions:	<p>This limited warranty is applicable to the vehicle in the following percentage costs of warranty repair, if any:</p> <p><b>Topcoat Durability &amp; Appearance: Gloss, Color Retention &amp; Cracking</b>  0-72 months 100%  73-96 months 50%  97-120 months 25%</p> <p><b>Integrity of Coating System: Adhesion, Blistering/Bubbling</b>  0-36 months 100%  37-84 months 50%  85-120 months 25%</p> <p><b>Corrosion: Dissimilar Metal and Crevice</b>  0-36 months 100%  37-48 months 50%  49-72 months 25%  73-120 months 10%</p> <p><b>Corrosion Perforation</b>  0-120 months 100%</p> <p>This limited warranty applies only to exterior paint. Paint on the vehicle's interior is warranted only under the Pierce Basic One Year Limited Warranty.</p> <p>Items not covered by this warranty include:  (a) Damage from lack of maintenance and cleaning (proper cleaning and maintenance procedures are detailed in the Pierce operation and maintenance manual).  (b) UV paint fade.  (c) Any cab not manufactured by Pierce.</p>

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

#### 2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

#### 3. BUYER'S EXCLUSIVE REMEDY

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

#### 4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.



# Fire and Rescue Apparatus

## Ten (10) Year Structural Integrity Apparatus Body

### Limited Warranty

#### 1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

<b>Coverage:</b>	<b>The apparatus body shall be free from structural failures caused by defects in material and workmanship</b>
<b>Warranty Begins:</b>	<b>The date of the original purchase invoice (issued when the product ships from the factory).</b>
<b>Warranty Period Ends After:</b>	<b>Ten (10) Years - or - 100,000 Miles</b>
<b>Conditions and Exclusions:</b>  <b>See Also Paragraphs 2 thru 4</b>	<b>This warranty applies only to the body tubular support and mounting structures and other structural components of the body of the vehicle model, as identified in the Pierce specifications for the Fire and Rescue Apparatus.</b>  <b>This warranty does not apply to damage caused by corrosion.</b>

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

#### 2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

#### 3. BUYER'S EXCLUSIVE REMEDY

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

#### 4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

*Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.*



## **MANUFACTURER'S LIMITED WARRANTY - HYDRAULIC GENERATORS**

### **FIRE & EMERGENCY VOCATION**

Harrison Hydra-Gen® (Seller) extends to the original purchaser (Buyer) of goods for use (whether it be an OEM, dealer, re-seller, or end-user) the following warranty covering the Harrison Hydra-Gen® Generator System, subject to the qualifications indicated. Harrison Hydra-Gen® Generator Systems shall consist of a Harrison generator tray assembly and its' components, a Harrison hydraulic pump assembly, and a Harrison supplied meter assembly; unless otherwise specified in below guidelines.

Harrison Hydra-Gen® warrants the original purchaser that the Generator System manufactured or supplied by Harrison Hydra-Gen® will be free from defects in materials and workmanship, provided such goods are:

1. Installed, operated and maintained in accordance with the Harrison Hydra-Gen® owner's manual, and/or written installation addendums.
2. Each new application has been reviewed and approved by the Harrison Hydra-Gen® Application Engineering Group.

### **PERIOD OF WARRANTY**

\*Six (6) years or 1000 hours of usage, whichever comes first, from the date the product is shipped from Harrison to the Installer.

**\*The END USER must complete and return to Harrison Hydra-Gen® the Harrison Hydra-Gen® Warranty Registration Card, Form WR-1, provided in the generator manual and provided online @ [www.harrisonhydragen.com](http://www.harrisonhydragen.com), within 45 days of delivery.**

**Warranty includes all parts and labor.** In addition, maintenance items that are contaminated or damaged by a proven warrantable failure are covered in years 1-2, and Labor time up to 4 hours, travel time up to 2.5 hours, and mileage up to 100 miles for warranty related repairs are covered in years 1-2.

Repair or replacement parts are warranted for ninety (90) days from date of purchase, excluding labor and travel expenses. Any part repaired or replaced during the warranty period assumes the remainder of the warranty or ninety (90) days, whichever is greater.

Only components supplied by Harrison Hydra-Gen® are covered under this warranty.



There is no other express warranty. Implied warranties, including merchantability and fitness for a particular purpose, are limited to periods set forth above and to the extent permitted by law. Any and all implied warranties are excluded. In no event is Harrison Hydra-Gen® liable for incidental or consequential damages.

The Buyer (OEM, dealer, re-seller, or end-user) must notify Harrison Hydra-Gen®, an Authorized Distributor, or a designated Harrison Hydra-Gen® Service Representative, **in writing**, within thirty (30) calendar days after goods or parts failed to meet this warranty.

The sole liability of Harrison Hydra-Gen® and the Buyer's sole remedy for a failure of goods under this warranty and for any and all other claims arising out of the purchase and use of the goods, including negligence on the part of the manufacturer, shall be limited to the repair or replacement of the product, at the option of Harrison Hydra-Gen®, of the parts that do not conform to this warranty, provided that the product or parts are returned to the Harrison Hydra-Gen® manufacturing facility.

A Returned Goods Authorization (RGA) is required for all products and parts being returned, and may be requested by phone, fax, email, or mail.

Failure to make timely delivery to Harrison Hydra-Gen® of the goods claimed to be defective shall void any warranty.

Unless previous written agreements have been made between the Buyer and Harrison Hydra-Gen®, the Buyer shall be responsible for all freight and shipping charges in connection with the delivery of the goods claimed to be defective, to Harrison Hydra-Gen® at its manufacturing facility, and the return of repaired or replacement goods to the Buyer.

If Harrison Hydra-Gen® determines that no warranty coverage is available for goods claimed to be defective, whether determination is based on the warranty being voided, the product failure being due to a cause not covered by the warranty, the failure to make a timely and proper warranty claim, or otherwise, the Buyer shall have the option of either:

1. Having the goods not repaired and returned to the Buyer, freight collect.
2. Having the goods repaired, If Harrison Hydra-Gen® determines that the product is repairable, and returned to the Buyer, freight collect. The Buyer will be responsible for all costs associated with the repair and testing of the goods and shall authorize Harrison Hydra-Gen®, in writing, to have the goods repaired and tested by Harrison Hydra-Gen®.

The owner is obligated to operate and maintain the goods in accordance with the recommendations published by Harrison Hydra-Gen® in the owner's manual. The owner is





responsible for the costs associated with such maintenance and any adjustments that may be required.

This warranty shall not apply to:

1. Damages or defects caused by normal wear, accident, misuse, abuse, abnormal operating conditions, negligence, corrosion, accident causes, or attributable to written specifications or instructions furnished by the installer.
2. Damages or defects caused by improper maintenance in accordance with the Harrison Hydra-Gen® product manuals and operating guidelines.
3. Damages caused by operator error.
4. Damages or defects caused by improper installation.
5. Damages or defects caused by inadequate water drainage provided by the installer in the area where the generator is installed or stored.
6. Damages or defects caused by inadequate air flow space or ventilation provided by the installer in the area where the generator is installed.
7. Any product or part altered or modified by the installer or service facility without written prior consent by Harrison Hydra-Gen®.
8. Cost of normal maintenance, adjustments, installation or start-up.
9. Normal wear items and components needing periodic maintenance such a rubber hoses and filters.
10. Excessive labor due to components being concealed in vehicle as a result of installation.
11. Water, road debris, excessive dirt, salt, abrasive particles, or large foreign objects found in the generator.
12. Telephone or other communications expense.
13. Paint, hydraulic fluid, and interconnecting hoses (internal or external to system assemblies).

This warranty gives you specific legal rights, and you may also have other rights that may vary from state to state or province to province.

No person is authorized to give any other warranties or to assume any other liabilities behalf of Harrison Hydra-Gen®, unless made or assumed in writing by an officer of Harrison Hydra-Gen®.

Contact Harrison Hydra-Gen® for questions regarding your warranty rights and responsibilities at (281) 807-4420; or visit our website at [www.harrisonhydragen.com](http://www.harrisonhydragen.com).

NOTE: Please refer to the **MANUFACTURER'S LIMITED WARRANTY; IHT SYSTEMS** for warranty guidelines specific to the IHT system.



Ten (10) Year Material and Workmanship
Stainless Steel Piping
Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Table with 2 columns: Label (Coverage, Warranty Begins, Warranty Period Ends After, Conditions and Exclusions) and Description (Stainless steel piping shall be free from structural failures... The date of the original purchase invoice... Ten (10) Years - or - 100,000 Miles... Pierce's obligation under this warranty is limited to repairing or replacing without charge... This warranty does not cover the use of fluoroprotein (FP) type foam...)

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

- (a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce...
(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions...
(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce...
(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period...

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.



One (1) Year Material and Workmanship Foam System & Five (5) Year Material and Workmanship Control Head

Limited Warranty

1. LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, Pierce Manufacturing provides the following warranty to the Buyer:

Coverage:	Limited warranty 1 year parts and labor for the foam system and 5 years parts and labor for the control head.
Warranty Begins:	The date of the original purchase invoice (issued when the product ships from the factory).
Warranty Period Ends After:	One (1) Year & Five (5) Year
Conditions and Exclusions:  See Also Paragraphs 2 thru 4	<p>This warranty does not cover repair due to accidents, misuse, and excessive vibration, flying debris, storage damage (freezing), negligence or modification. This warranty is void if any modification or repairs are performed without authorization. This also voids any future warranty.</p> <p>This warranty does not cover cost of maintenance or repairs due to lack of required maintenance services as recommended. Performance of the required maintenance and use of proper fluids are the responsibility of the owner.</p>

Notwithstanding anything to the contrary herein, Pierce makes no warranty whatsoever as to:

(a) any integral parts, components, attachments or trade accessories of or to the product that are not manufactured by Pierce, including but not limited to engines, transmissions, drivelines, axles, water pumps and generators; with respect to all such parts, components, attachments and accessories, Pierce shall assign to Buyer the applicable warranties, if any, made by the respective manufacturers thereof;

(b) any vehicle, chassis, or component, part, attachment or accessory damaged by misuse, neglect, fire, exposure to severe environmental or chemical conditions, acidic environment, improper maintenance, accident, crash, or force majeure such as natural disaster, lightning, earthquake, windstorm, hail, flood, war or riot;

(c) any vehicle, chassis or component, part, attachment or accessory that has been repaired, altered or assembled in any way by any person or entity other than Pierce which, in the sole judgment of Pierce, adversely affects the performance, stability or purpose for which it was manufactured; or

(d) products or parts which may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, tires, fluids, gaskets and light bulbs. Pierce assumes no responsibility for the assembly of its parts or subassemblies into finishing products or vehicles unless the assembly is performed by Pierce.

The original purchaser may void this warranty in part or in its entirety if the product is repaired or replaced (a) without prior written approval of the Pierce Customer Service Department; or (b) at a facility which has not been approved by Pierce as to technical capability. Any repairs, modifications, alterations or aftermarket parts added after manufacture without the authorization of Pierce may void this warranty.

2. DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY PIERCE. PIERCE HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

3. BUYER'S EXCLUSIVE REMEDY.

If the product fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, Buyer must notify Pierce within the time period specified in paragraph 1, and shall make the product available for inspection by Pierce or its designated agent. At the request of Pierce, any allegedly defective product shall be returned to Pierce by Buyer for examination and/or repair. Buyer shall be responsible for the cost of such transportation, and for risk of loss of or damage to the product during transportation. Within a reasonable time, Pierce shall repair or replace (at Pierce's option and expense) any nonconforming or defective parts. Repair or replacement shall be made only by a facility approved in advance in writing by Pierce. THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.

4. EXCLUSION OF CONSEQUENTIAL AND INCIDENTAL DAMAGES.

Notwithstanding anything to the contrary herein or in any agreement between Pierce and Buyer, IN NO EVENT SHALL PIERCE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, OR PUNITIVE DAMAGES WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO VEHICLES OR OTHER PRODUCTS SOLD BY PIERCE, OR THEIR OPERATION OR FAILURE TO OPERATE, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, REGARDLESS OF WHETHER PIERCE HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES. Without limiting the generality of the foregoing, Pierce specifically disclaims any liability for property or personal injury damages, penalties, damages for lost profits or revenues, loss of vehicles or products or any associated equipment, cost of substitute vehicles or products, down-time, delay damages, any other types of economic loss, or for any claims by any third party for any such damages.

Note: Any Surety Bond, if a part of the sale of the vehicle as to which this limited warranty is provided, applies only to this Pierce Basic One Year Limited Warranty for such vehicle, and not to other warranties made by Pierce in a separate document (if any) or to the warranties (if any) made by any manufacturer (other than Pierce) of any part, component, attachment or accessory that is incorporated into or attached to the vehicle.

This limited warranty shall apply only if the product is properly maintained in accordance with Pierce's maintenance instructions and manuals and is used in service which is normal to the particular model. Normal service means service which does not subject the product to stresses or impacts greater than normally result from careful use. If the Buyer discovers a defect or nonconformity, it must notify Pierce in writing within thirty (30) days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE BUYER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.

## EXCLUSIONS

The following components, parts, or conditions, are specifically excluded from coverage under this Warranty.

### AIR COMPRESSORS, ENGINE BRAKES, AND OTHER PROPRIETARY ENGINE COMPONENTS

The engine manufacturer installs most air compressors and engine brakes. Any failure of a proprietary engine component or Jacob® Brake component must be filed directly to the engine manufacturer. Failures on non-proprietary components can be filed through Daimler Trucks North America LLC Dealers.

### AIR SPRINGS

Tolerance buildup can occur during the assembly process of the rear suspension and rear cab air springs, and can cause the springs to have the appearance of being crooked, misaligned or improperly installed. This tolerance buildup is not detrimental to the operation of the vehicle and will not have an affect on either the quality of the ride or the durability of the components or vehicle. Straightening of these springs is not covered under this Warranty.

### ALIGNMENT OF AXLES/WHEELS/STEERING WHEEL

Each Daimler Trucks North America vehicle manufacturing plant uses an integrated alignment system to align axles and wheels and to center the steering wheel to Daimler Trucks North America LLC specifications. Realignment or readjustment of these items is not covered under warranty.

Any special alignment settings at the request of the Owner must be handled between the Dealer and Owner after delivery from factory. These special adjustments are not covered under Warranty.

### AXLE BREATHER VENTS

During the vehicle manufacturing process, an oil run or drip stain may appear at the breather vent. Removing the vent, applying pipe sealant to the threaded vent fitting and re-installing the vent is unnecessary. Removing the axle breather vent and re-sealing the threaded fitting is not covered under this Warranty.

### CAB INTERIOR COMPONENTS

The repair or replacement of cab interior components that are rendered unserviceable due to normal wear or abuse are not covered under this warranty.

*These components include, but are not limited to:*

- Upholstery
- Floor coverings (including floor mats)
- Curtains
- Window shades
- Steering wheel
- Steering wheel wrap
- Painted trim components

### CHROME SURFACES, ALUMINUM AND STAINLESS STEEL COMPONENTS

*The following items ARE covered under this Warranty:*

- Chrome peeling off in sheets
- Chrome cut at mounting bolts due to over-torque at the factory
- Bubbles in the chrome that are not caused by rock chips and/or general rust conditions
- Isolated rust along seams or welds

*The following items are NOT covered under this Warranty:*

- General rust, for example, rust on the unfinished backside of a bumper
- Dimpling at the mounting bolts
- Staining, bluing, and/or yellowing that can be cleaned with a quality cleaning-product
- Rust, pits, and/or nicks caused by road wash or road debris breaking the chrome surface
- Streaks/stains/corrosion caused by severe wash solutions or corrosive road salts/chemicals

Claims pertaining to failures of chrome surfaces, aluminum, and stainless steel components will not be processed unless a clear digital picture is provided that adequately shows the defect.

### CLUTCH ADJUSTMENT

Clutch adjustments are normally required due to clutch wear and are considered normal maintenance. However, if the clutch adjustment is found to be outside of Company specifications during, or prior to, in-service of the vehicle, a warranty claim will be accepted on a one-time basis.

Claims for clutch adjustments will not be accepted unless the adjustment is found to be outside of Company specifications using the special clutch adjustment measuring tools provided by Company (e.g., adjusting the clutch to satisfy feel will not be accepted as warranty).

### COMPETITION

Warranty will become void on any vehicle that is used in competition, including but not limited to:

- Racing
- Tractor pulls
- Other motor sports

## CONSUMABLE PARTS

Parts that are subject to consumption during their normal service life and are routinely replaced during normal maintenance services are covered up to 15,000 miles (24 000km) for all Daimler Trucks North America LLC vehicles except Thomas Built Bus (TBB) bodies and chassis. TBB consumable parts are covered up to 30 days from the date of in-service.

These items are:

- Antennas
- Ashtrays
- Belts
- Brake linings
- Cigarette lighter assembly
- Clutch brake
- Clutch linings
- Data logger batteries
- Desiccant cartridges
- Fire extinguishers
- Fluorescent ballast and tubes
- Fuses
- Gladhand
- Hosetennas
- Light bulbs
- Mattresses
- Mud flaps
- Mud flap mounting brackets
- Caps (radiator, surge, fuel tank)
- Receiver-dryer filter
- Trailer air hoses
- Trailer electrical cables
- Windshield washer nozzles
- Wiper arms and blades (TBB makes - wiper blades only)

Consumable parts NOT covered under this Warranty include, but are not limited to, the following:

- Antifreeze
- Filters (fuel, air, oil, water)
- Fluids (unless low due to a warrantable failure)
- Lubricants

## CORROSION

Coverage provides warranty against corrosion to any metal or metal alloy part of the vehicle. Rust or corrosion to specific components and/or caused by certain conditions are excluded from all Company warranty coverage and will not be paid under Basic Vehicle, Cab Structure, Cab Corrosion, or Aftermarket Parts Warranty.

*Exclusions to corrosion warranty include, but are not limited to, the following:*

- Corrosion caused by general rust (for example, rust on the unfinished backside of a bumper)
- Surface rust caused by chips or scratches in the paint or chrome surfaces
- Corrosion caused by high-pressure washing, severe wash solutions, cleaning solvents, detergents, compounds
- Corrosion caused by salinity in the environment or corrosive salts and/or chemicals used on the road surface.
- Corrosion caused by acid rain or other industrial fallout
- Corrosion due to improper prevention measures during storage or use
- Corrosion or rust on tone rings, rotors or drums (rotor exclusion does not apply to hydraulic discs with Magna-Coat Rotors)
- Corrosion due to environmental damage (including ocean spray); airborne fallout (includes chemicals, tree sap, etc.), or other atmospheric conditions or other acts of nature
- Corrosion due to improper use, misuse or abuse, negligence, including improper or insufficient maintenance

## DAMAGE

The following are not covered under this Warranty:

- Damage caused by use of the vehicle in any application that is not approved or is inconsistent with build specifications
- Damage resulting from improper use or misuse or abuse, negligence, improper operation, improper or insufficient maintenance (including, but not limited to failure to maintain vehicle as outlined in the driver's/operator's and maintenance manuals), overloading, unauthorized modifications, accidents, or operation at excessive speeds
- Environmental damage, including airborne fallout (including chemicals, tree sap, etc.), or other atmospheric conditions, hailstones, or other acts of nature
- Damage caused by road salts/chemicals or cleaning solvents, detergents or compounds
- Storage deterioration including damage caused by improper or insufficient storage or maintenance
- Damage caused by road hazards or road conditions
- Damage caused during shipping/transport after initial delivery of vehicle
- Damages (including peeling or flaking) caused by high-pressure washing or steam-cleaning
- Damages occurring after in-service (e.g., from rock chips)
- Damages caused by customer-installed sealer in air conditioning systems
- Damages caused by engine horsepower/torque upgrades.
- Damage due to vibration associated with misapplication or improper operation of drivetrain components
- Damage due to terrorist activities
- Damage due to acts of war

## ENGINE

The engine, including all of its components as supplied by the manufacturer, is not covered under this Warranty, but is warranted separately by the manufacturer of the engine. For engine warranty or service, contact the engine manufacturer's authorized sales and service facility.

## EXHAUST SYSTEM CLAMPS

During the early life of the vehicle or when the engine is cold, many exhaust clamps exhibit a soot trace. This condition is self-correcting and does not require adjustment, tightening, or replacement of the clamp. Claims for adjusting or tightening will not be paid under warranty.

## FIFTH WHEELS

Adjustment of the locking mechanism, bushings, slide locking plungers, and the repair or replacement of lock guards are considered routine maintenance and are not covered under this Warranty.

## GLASS, MIRRORS, LENS

Glass, mirror or lens breakage or chips or scratches of glass, mirrors, or lenses are not covered by this Warranty.

## MISAPPLICATION OF VEHICLE

The warranty on any vehicle used inconsistent with its specified vocation/application will be downgraded to the warranty that is consistent with the vehicle use. Any and all claims associated with the misapplication of the vehicle will be subject to chargeback.

## MISCELLANEOUS EXPENSES

Premium charges and work not directly related to the repair or replacement of a warranted part are not covered under this Warranty. Examples include, but are not limited to:

- › Federal, state, provincial, and local taxes
- › Travel expenses
- › Loss of revenue
- › Customer labor including overtime labor
- › Downtime
- › Driver's expenses
- › Cost of rental equipment
- › Loss of cargo, including perishable cargo
- › General housekeeping supplies (i.e. rags, solvents, sweeping compounds, coveralls, etc.)
- › Communication charges
- › Towing/road call assistance (unless coverage is specifically stated in the applicable warranty table)
- › Repair or replacement of optional items not sold or installed by company
- › Removal or replacement of dealer, body builder, or customer installed equipment
- › Environmental fees, cleanup, or other charges
- › Cost of emergency services.

## MODIFICATIONS TO ORIGINAL EQUIPMENT

Company does not warrant vehicle component or chassis modifications, or equipment installations arranged by Dealers or Customers. In addition, the extra time necessary to remove body builder installed items and/or equipment to work on a warranted repair is not covered under this Warranty unless Company sells the complete chassis/body/equipment as a package.

If Dealers or Customers perform any vehicle modifications or equipment installations, to the extent these modifications or equipment installations adversely affect other vehicle components or vehicle performance, Company shall not accept any product liability or claims under the terms of the vehicle warranty. These claims become the sole responsibility of the person performing the modifications or equipment installations.

## PAINT

The following exclusions to paint warranty include, but are not limited to:

- › Complete chassis re-painting to repair paint damages
- › Damages occurring after in-service (e.g., from rock chips)
- › Peeling/flaking caused by high-pressure washing or steam cleaning
- › Rusting of painted bumpers
- › Removal and/or replacement of decals, striping, and/or lettering not applied by Company

Specific areas of the vehicle are deliberately not painted or are not painted to any standard; paint repairs are not warrantable to such areas. These areas include:

- › Underside of the hood, including the inside of the wheel wells
- › Underside of the exterior sun visor
- › Inside of the side-mounted air fairings
- › Inside of the bumper
- › Underside of the roof-mounted air fairings
- › Aftertreatment devices

**Gloss:** Gloss Warranty claims pertaining to gloss issues on vehicles painted with low-gloss colors (as identified in the Data Books) are the Dealer's responsibility and will not be honored by warranty.

## TRANSMISSIONS

Allison transmissions and components are covered under this Warranty, but are warranted separately by Allison. Information regarding Allison's warranty is provided for informational purposes only and is subject to change. For warranty or service information, contact Allison's authorized sales and service facility.

## ROUTINE MAINTENANCE

Routine maintenance, servicing, and adjustment, as defined in the applicable Vehicle Maintenance Manual and Driver's Manual, are excluded from Warranty.

Periodic adjustment or re-torque of wheel bearings, wheel lug nuts, and suspension U-bolts are considered maintenance adjustments and are not covered under warranty.

Vibrations, squeaks, rattles, loose fittings/clamps, hose fitting leaks, loose nuts/bolts/screws, and loose electrical connections may develop during the initial trip(s) of the vehicle and these types of repairs/adjustments are covered under warranty one time during the following applicable initial operating periods unless excluded in the paragraphs below.

Reminder: After the following initial operating periods, these developments are the result of use and their repair/adjustment activities are considered routine maintenance and thus excluded from warranty.

## INITIAL OPERATING PERIOD

The Initial Operating Period (IOP) for Daimler Trucks North America LLC vehicles (except TBB makes) is up to 15,000mi (24 000km), except for FCCC where it is 25,000mi (40 200km). The IOP for Thomas Built Bus (TBB) bodies and chassis is 30 days from the date of in-service. See CONSUMABLE PARTS.

Exclusions from warranty during the Initial Operating Period are:

- › Cab, hood, and fender-mounted mirrors are adjusted at the factory but may be retracted by the transporter to prevent damage during transport. Subsequent adjustments and tightening of mirror mounting hardware are considered part of the routine preparation of the vehicle before Customer delivery. Claims for adjusting the mirrors or tightening of the attaching hardware will not be paid under warranty during the initial operating period or after.
- › Claims for re-routing of electrical wiring, hoses, or lines which meet Daimler Trucks North America's routing standards will not be paid under warranty during the initial operating period or after.
- › Final preparation of the vehicle for Customer delivery to include cleaning/vacuuming interior of cab, washing windows, washing the exterior of the vehicle, polishing exterior chromed or painted surfaces are considered as delivering-Dealer responsibilities. Claims for these activities will not be paid under warranty during the initial operating periods or after.

## TEST VEHICLES

Any vehicles being used in testing or used to test specific components must be identified to the Warranty Department and accommodations must be made for claims that relate to the test item(s).

Any vehicles used in endurance testing, such as the Altoona Test, are void of all warranty, new or used.

## TIRES AND TIRE BALANCING

The tires are not covered under this Warranty, but are warranted separately by the tire manufacturer. Tire balancing is not covered under warranty.

**NEW VEHICLE LIMITED WARRANTY WARRANTY COVERAGE  
DESCRIPTIONS & WARRANTY COVERAGE TABLES**

**FREIGHTLINER MEDIUM TRUCK**

# Freightliner Medium Truck



Coverage <sup>a</sup>		
Description	Time <sup>b</sup>	Distance <sup>b</sup>
Basic Vehicle	2 Years	Unlimited
Battery	1 Year	100,000 mi/161 000 km
Brightwork	6 Months	Unlimited
Cab Corrosion/Perforation	5 Years	Unlimited
Cab Structure	5 Years	Unlimited
Corrosion	6 Months	Unlimited
Crossmembers	5 Years	Unlimited
Diesel Emission 2010 <sup>c</sup>	5 Years	100,000 mi/161 000 km
Frame Rails	5 Years	Unlimited
GHG14 <sup>d</sup> (Light Heavy Duty Trucks)	5 Years	50,000 mi/80 500 km
GHG14 <sup>d</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks)	5 Years	100,000 mi/161 000 km
GHG14 <sup>d</sup> (Medium Heavy Duty to Heavy Heavy Duty Tractors)	5 Years	100,000 mi/161 000 km
GHG14 <sup>d</sup> Tire	2 Years	24,000 mi/38 400 km
Hybrid Transmission - Eaton <sup>e</sup>	3 Years	150,000 mi/240 000 km
Paint	1 Year	100,000 mi/161 000 km
Paint, Chassis	6 Months	Unlimited
Front Axle <sup>f</sup>	2 Years	Unlimited
Rear Axle	2 Years	Unlimited
Transfer Case	2 Years	Unlimited
Transmission <sup>e</sup>	2 Years	Unlimited
Detroit Front Axle <sup>f</sup> (File Direct)		

DISCLAIMER: Failure to read or distribute this information does not provide exemption from compliance with the information contained herein.

**NEW VEHICLE LIMITED WARRANTY WARRANTY COVERAGE DESCRIPTIONS & WARRANTY COVERAGE TABLES**

**FREIGHTLINER MEDIUM TRUCK**

Coverage <sup>a</sup>		
Description	Time <sup>b</sup>	Distance <sup>b</sup>
Post-Model Year 2011 <sup>g</sup>	2 Years	Unlimited
Post-Model Year 2011 <sup>h</sup>	4 Years	Unlimited
Detroit Rear Axle (File Direct)		
Post-Model Year 2011 <sup>g</sup>	2 Years	Unlimited
Post-Model Year 2011 <sup>h</sup>	4 Years	Unlimited
Detroit DT-12 Transmission <sup>e,i</sup>	5 Years	750,000 mi/1 200 000 km

- a. Coverage may vary; check vehicle's actual warranty coverage online via OWL's *Coverage Info/Check Coverage* screen.
- b. Time or distance, whichever comes first
- c. Applies to vehicles equipped with EPA 2010 compliant diesel engines.
- d. Applies to models 2013 and later domiciled in the United States, check actual warranty online via OWL's *Coverage Info/Check Coverage* screen for coverage listed as "GHG14..."
- e. Customers will have only one (1) type of transmission coverage, depending on how the vehicle is spec'd.
- f. Front axle coverage is also applicable to gliders.
- g. Medium Duty - General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- h. Medium Duty - General Service Plus: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- i. Detroit Transmission: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.

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**NEW VEHICLE LIMITED WARRANTY WARRANTY COVERAGE  
DESCRIPTIONS & WARRANTY COVERAGE TABLES**

**FREIGHTLINER SD VOCATIONAL**

## Freightliner SD Vocational



<i>Applicable models:</i>	108SD/114SD
<i>SD Vocational Coverage is only available for vehicles ordered with the following engines:</i>	Cummins B, C, or L
<i>SD Vocational Coverage is <u>not</u> available for vehicles in these vocations:</i>	Logging, Mining, Oilfield
<b>Category Determinants</b>	
Road Surface - most severe in-transit between sites	<30% off-highway rough, maintained concrete/asphalt; maintained gravel/crushed rock; maintained dirt or soft soil (Class C or D roads) <sup>a</sup>
GCW	92,000 lb/41 730 kg or less
<b>Axles and Their Manufacturer's GVW Rating</b>	
2-axle unit	46,000 lb/20 865 kg or less
3-axle unit	66,000 lb/29 937 kg or less
4-axle unit	N/A
5-axle unit	N/A

- a. Class C roads have a natural surface and may be either constructed or established over time by repeated passage of vehicles. The natural surface may be dirt, sand, or rock. A minimal amount of maintenance, if any at all, is limited primarily to spot surface grading to allow vehicle passage within the original road corridor. Class D roads are primitive roads that were not constructed but have been established over time by the passage of motor vehicles. These roads receive no maintenance or grading.

<b>Coverage<sup>a</sup></b>		
<b>Description</b>	<b>Time<sup>b</sup></b>	<b>Distance<sup>b</sup></b>
<b>Basic Vehicle</b>	2 Years	Unlimited
<b>Battery</b>	1 Year	100,000 mi/161 000 km
<b>Brightwork</b>	6 Months	Unlimited
<b>Cab Corrosion/Perforation</b>	5 Years	Unlimited
<b>Cab Structure</b>	5 Years	Unlimited
<b>Corrosion</b>	6 Months	Unlimited
<b>Crossmembers</b>	5 Years	Unlimited
<b>Diesel Emission 2010<sup>c</sup></b>	5 Years	100,000 mi/161 000 km
<b>Frame Rails</b>	5 Years	Unlimited
<b>GHG14<sup>d</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks)</b>	5 Years	100,000 mi/161 000 km
<b>GHG14<sup>d</sup> (Medium Heavy Duty to Heavy Heavy Duty Tractors)</b>	5 Years	100,000 mi/161 000 km
<b>GHG14<sup>d</sup> Tire</b>	2 Years	24,000mi/38 400 km
<b>Paint</b>	1 Year	100,000 mi/161 000 km
<b>Paint, Chassis</b>	6 Months	Unlimited
<b>Front Axle<sup>e</sup></b>	2 Years	Unlimited
<b>Rear Axle</b>	2 Years	Unlimited

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**NEW VEHICLE LIMITED WARRANTY WARRANTY COVERAGE DESCRIPTIONS & WARRANTY COVERAGE TABLES**  
**FREIGHTLINER SD VOCATIONAL**

Coverage <sup>a</sup>		
Description	Time <sup>b</sup>	Distance <sup>b</sup>
Transfer Case	2 Years	Unlimited
Transmission	2 Years	Unlimited
Detroit Front Axle <sup>e</sup> (File Direct)		
Pre-Model Year 2011 <sup>f</sup>	2 Years	Unlimited
Post-Model Year 2011 <sup>g</sup>	3 Years	300,000 mi/483 000 km
Detroit Rear Axle (File Direct)		
Pre-Model Year 2011 <sup>f</sup>	2 Years	Unlimited
Post-Model Year 2011 <sup>g</sup>	3 Years	300,000 mi/483 000 km

- a. Coverage may vary; check vehicle's actual warranty coverage online via OWL's *Coverage Info/Check Coverage* screen.
- b. Time or distance, whichever comes first
- c. Applies to vehicles equipped with EPA 2010 compliant diesel engines.
- d. Applies to models 2013 and later domiciled in the United States, check actual warranty online via OWL's *Coverage Info/Check Coverage* screen for coverage listed as "GHG14..."
- e. Front Axle coverage is also applicable to gliders.
- f. Pre-Model Year 2011 Detroit Axle: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- g. Heavy Duty - General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.

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**NEW VEHICLE LIMITED WARRANTY WARRANTY COVERAGE DESCRIPTIONS & WARRANTY COVERAGE TABLES**  
**FREIGHTLINER LEVEL I**

# Freightliner Level I



Level I Coverage is not available for vehicles in these vocations:		Refuse Packer, Logging, Mining, Oilfield
<b>Category Determinants</b>		
Road Surface - most severe in-transit between sites	100% on-highway smooth concrete or asphalt	
GCW	92,000 lb/41 730 kg or less	
<b>Axles and Their Manufacturer's GVW Rating</b>		
2-axle unit	35,000 lb/15 876 kg or less	
3-axle unit	58,000 lb/26 308 kg or less	
4-axle unit	71,000 lb/32 205 kg or less	
5-axle unit	N/A	

<b>Coverage<sup>a</sup></b>		
Description	Time <sup>b</sup>	Distance <sup>b</sup>
Basic Vehicle	1 Year	100,000 mi/161 000 km
Battery	1 Year	100,000 mi/161 000 km
Brightwork	6 Months	Unlimited
Cab Corrosion/Perforation	5 Years	Unlimited
Cab Structure	3 Years	300,000 mi/483 000 km
Corrosion	6 Months	Unlimited
Crossmembers	6 Years	750,000 mi/1 207 000 km
Diesel Emission 2010 <sup>c</sup>	5 Years	100,000 mi/161 000 km
Frame Rails	6 Years	750,000 mi/1 207 000 km
GHG14 <sup>d</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks)	5 Years	100,000 mi/161 000 km
GHG14 <sup>d</sup> (Medium Heavy Duty to Heavy Heavy Duty Tractors)	5 Years	100,000 mi/161 000 km
GHG14 <sup>d</sup> Tire	2 Years	24,000mi/38 400 km
Paint	1 Year	100,000 mi/161 000 km
Paint, Chassis	6 Months	Unlimited
Front Axle <sup>e</sup>	3 Years	300,000 mi/483 000 km
Rear Axle	3 Years	300,000 mi/483 000 km
Transfer Case	3 Years	300,000 mi/483 000 km
Transmission	3 Years	300,000 mi/483 000 km
Detroit Front Axle <sup>e</sup> (File Direct)		
Post-Model Year 2011 <sup>f</sup>	2 Years	Unlimited
Post-Model Year 2011 <sup>g</sup>	3 Years	300,000 mi/483 000 km
Post-Model Year 2011 <sup>h</sup>	5 Years	750,000 mi/1 200 000 km
Detroit Rear Axle (File Direct)		

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**NEW VEHICLE LIMITED WARRANTY WARRANTY COVERAGE DESCRIPTIONS & WARRANTY COVERAGE TABLES**

**FREIGHTLINER LEVEL I**

Coverage <sup>a</sup>		
Description	Time <sup>b</sup>	Distance <sup>b</sup>
Post-Model Year 2011 <sup>f</sup>	2 Years	Unlimited
Post-Model Year 2011 <sup>g</sup>	3 Years	300,000 mi/483 000 km
Post-Model Year 2011 <sup>h</sup>	5 Years	750,000 mi/1 200 000 km
Detroit DT-12 Transmission <sup>i</sup> (File Direct)	5 Years	750,000 mi/1 200 000 km

- a. Coverage may vary; check vehicle's actual warranty coverage online via OWL's *Coverage Info/Check Coverage* screen.
- b. Time or distance, whichever comes first
- c. Applies to vehicles equipped with EPA 2010 compliant diesel engines.
- d. Applies to models 2013 and later domiciled in the United States, check actual warranty online via OWL's *Coverage Info/Check Coverage* screen for coverage listed as "GHG14..."
- e. Front Axle coverage is also applicable to gliders.
- f. Medium Duty - General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- g. Heavy Duty - General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- h. Heavy Duty - Highway: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- i. Detroit Transmission: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.

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**NEW VEHICLE LIMITED WARRANTY WARRANTY COVERAGE DESCRIPTIONS & WARRANTY COVERAGE TABLES**  
**FREIGHTLINER LEVEL II (FACTORY RELEASED ON OR AFTER 01/07/2013)**

**Freightliner Level II (Factory released on or after 01/07/2013)**



<i>Level II Coverage is not available for vehicles in this vocation:</i>		<i>Mining</i>
Category Determinants		Models with Limitations
Road Surface - most severe in-transit between sites	Up to 30% off-highway rough, maintained concrete/asphalt; maintained gravel/crushed rock; maintained dirt or soft soil	Columbia, Century, or Coronado: Up to 10% off-highway rough maintained concrete/asphalt; maintained gravel/crushed rock
GCW	140,000 lb/63 505 kg or less Doubles on NY turnpikes are rated 143,000 lb Doubles on FL turnpikes are rated 147,000 lb	
Axles and Their Manufacturer's GVW Rating		
2-axle unit	49,000 lb/21 000 kg or less	
3-axle unit	69,000 lb/31 000 kg or less	
4-axle unit	89,000 lb/40 000 kg or less	
5-axles or more	98,000 lb/44 452 kg or less	

Coverage <sup>a</sup>		
Description	Time <sup>b</sup>	Distance <sup>b</sup>
Basic Vehicle	1 Year	100,000 mi/161 000 km
Battery	1 Year	100,000 mi/161 000 km
Brightwork	6 Months	Unlimited
Cab Corrosion/Perforation	5 Years	Unlimited
Cab Structure	3 Years	150,000 mi/241 000 km
Corrosion	6 Months	Unlimited
Crossmembers	5 Years	300,000 mi/483 000 km
Diesel Emission 2010 <sup>c</sup>	5 Years	100,000 mi/161 000 km
Frame Rails	5 Years	300,000 mi/483 000 km
GHG14 <sup>d</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks)	5 Years	100,000 mi/161 000 km
GHG14 <sup>d</sup> (Medium Heavy Duty to Heavy Heavy Duty Tractors)	5 Years	100,000 mi/161 000 km
GHG14 <sup>d</sup> Tire	2 Years	24,000mi/38 400 km
Paint	1 Year	100,000 mi/161 000 km
Paint, Chassis	6 Months	Unlimited
Front Axle <sup>e</sup>	2 Years	100,000 mi/161 000 km
Rear Axle	2 Years	100,000 mi/161 000 km
Transfer Case	2 Years	100,000 mi/161 000 km
Transmission	2 Years	100,000 mi/161 000 km
Detroit Front Axle <sup>e</sup> (File Direct)		

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**NEW VEHICLE LIMITED WARRANTY WARRANTY COVERAGE  
DESCRIPTIONS & WARRANTY COVERAGE TABLES  
FREIGHTLINER LEVEL II (FACTORY RELEASED ON OR AFTER 01/07/2013)**

Coverage <sup>a</sup>		
Description	Time <sup>b</sup>	Distance <sup>b</sup>
Pre-Model Year 2011 <sup>f</sup>	2 Years	100,000 mi/161 000 km
Post-Model Year 2011 <sup>g</sup>	3 Years	300,000 mi/483 000 km
Post-Model Year 2011 <sup>h</sup>	2 Years	Unlimited
Detroit Rear Axle (File Direct)		
Pre-Model Year 2011 <sup>f</sup>	2 Years	100,000 mi/161 000 km
Post-Model Year 2011 <sup>g</sup>	3 Years	300,000 mi/483 000 km
Post-Model Year 2011 <sup>h</sup>	2 Years	Unlimited
Detroit DT-12 Transmission <sup>i</sup> (File Direct)	5 Years	750,000 mi/1 200 000 km

- a. Coverage may vary; check vehicle's actual warranty coverage online via OWL's *Coverage Info/Check Coverage* screen.
- b. Time or distance, whichever comes first
- c. Applies to vehicles equipped with EPA 2010 compliant diesel engines.
- d. Applies to models 2013 and later domiciled in the United States, check actual warranty online via OWL's *Coverage Info/Check Coverage* screen for coverage listed as "GHG14..."
- e. Front Axle coverage is also applicable to gliders.
- f. Pre-Model Year 2011 Detroit Axle: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- g. Heavy Duty - General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- h. Medium Duty - General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- i. Detroit Transmission: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.

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**NEW VEHICLE LIMITED WARRANTY WARRANTY COVERAGE DESCRIPTIONS & WARRANTY COVERAGE TABLES**  
**FREIGHTLINER LEVEL II (FACTORY RELEASED PRIOR TO 01/07/2013)**

**Freightliner Level II (Factory released prior to 01/07/2013)**



Level II Coverage is not available for vehicles in this vocation:		Mining
Category Determinants		Models with Limitations
Road Surface - most severe in-transit between sites	Up to 30% off-highway rough, maintained concrete/asphalt; maintained gravel/crushed rock; maintained dirt or soft soil	Columbia, Century, or Coronado: Up to 10% off-highway rough maintained concrete/asphalt; maintained gravel/crushed rock
GCW	140,000 lb/63 505 kg or less Doubles on NY turnpikes are rated 143,000 lb Doubles on FL turnpikes are rated 147,000 lb	
Axles and Their Manufacturer's GVW Rating		
2-axle unit	46,000 lb/20 865 kg or less	
3-axle unit	66,000 lb/29 937 kg or less	
4-axle unit	86,000 lb/39 008 kg or less	
5-axles or more	98,000 lb/44 452 kg or less	

Coverage <sup>a</sup>		
Description	Time <sup>b</sup>	Distance <sup>a</sup>
Basic Vehicle	1 Year	100,000 mi/161 000 km
Battery	1 Year	100,000 mi/161 000 km
Brightwork	6 Months	Unlimited
Cab Corrosion/Perforation	5 Years	Unlimited
Cab Structure	3 Years	150,000 mi/241 000 km
Corrosion	6 Months	Unlimited
Crossmembers	5 Years	300,000 mi/483 000 km
Diesel Emission 2010 <sup>c</sup>	5 Years	100,000 mi/161 000 km
Frame Rails	5 Years	300,000 mi/483 000 km
GHG14 <sup>d</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks)	5 Years	100,000 mi/161 000 km
GHG14 <sup>d</sup> (Medium Heavy Duty to Heavy Heavy Duty Tractors)	5 Years	100,000 mi/161 000 km
GHG14 <sup>d</sup> Tire	2 Years	24,000mi/38 400 km
Paint	1 Year	100,000 mi/161 000 km
Paint, Chassis	6 Months	Unlimited
Front Axle <sup>e</sup>	2 Years	100,000 mi/161 000 km
Rear Axle	2 Years	100,000 mi/161 000 km
Transfer Case	2 Years	100,000 mi/161 000 km
Transmission	2 Years	100,000 mi/161 000 km
Detroit Front Axle <sup>e</sup> (File Direct)		

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**NEW VEHICLE LIMITED WARRANTY WARRANTY COVERAGE  
DESCRIPTIONS & WARRANTY COVERAGE TABLES  
FREIGHTLINER LEVEL II (FACTORY RELEASED PRIOR TO 01/07/2013)**

Coverage <sup>a</sup>		
Description	Time <sup>b</sup>	Distance <sup>a</sup>
Pre-Model Year 2011 <sup>f</sup>	2 Years	100,000 mi/161 000 km
Post-Model Year 2011 <sup>g</sup>	3 Years	300,000 mi/483 000 km
Post-Model Year 2011 <sup>h</sup>	2 Years	Unlimited
Detroit Rear Axle (File Direct)		
Pre-Model Year 2011 <sup>f</sup>	2 Years	100,000 mi/161 000 km
Post-Model Year 2011 <sup>g</sup>	3 Years	300,000 mi/483 000 km
Post-Model Year 2011 <sup>h</sup>	2 Years	Unlimited
Detroit DT-12 Transmission <sup>i</sup> (File Direct)	5 Years	750,000 mi/1 200 000 km

- a. Coverage may vary; check vehicle's actual warranty coverage online via OWL's *Coverage Info/Check Coverage* screen.
- b. Time or distance, whichever comes first
- c. Applies to vehicles equipped with EPA 2010 compliant diesel engines.
- d. Applies to models 2013 and later domiciled in the United States, check actual warranty online via OWL's *Coverage Info/Check Coverage* screen for coverage listed as "GHG14..."
- e. Front Axle coverage is also applicable to gliders.
- f. Pre-Model Year 2011 Detroit Axle Warranty: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- g. Heavy Duty - General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- h. Medium Duty - General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- i. Detroit Transmission: Warranty coverage is determined by Gross Combination Weight, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.

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**NEW VEHICLE LIMITED WARRANTY WARRANTY COVERAGE  
DESCRIPTIONS & WARRANTY COVERAGE TABLES  
FREIGHTLINER LEVEL III (FACTORY RELEASED ON OR AFTER 01/07/2013)**

## Freightliner Level III (Factory released on or after 01/07/2013)



Category Determinants	
Road Surface - most severe in-transit between sites	Any
GCW	All Okay
Axles and Their Manufacturer's GVW Rating	
2-axle unit	Over 49,000 lb/21 000 kg
3-axle unit	Over 69,000 lb/31 000 kg
4-axle unit	Over 89,000 lb/40 000 kg
5-axles or more	Over 98,000 lb/44 452 kg

Coverage <sup>a</sup>		
Description	Time <sup>b</sup>	Distance <sup>b</sup>
Basic Vehicle	1 Year	50,000 mi/80 500 km
Battery	1 Year	50,000 mi/80 500 km
Brightwork	6 Months	Unlimited
Cab Corrosion/Perforation	1 Year	50,000 mi/80 500 km
Cab Structure	1 Year	50,000 mi/80 500 km
Corrosion	6 Months	Unlimited
Crossmembers	1 Year	50,000 mi/80 500 km
Diesel Emission 2010 <sup>c</sup>	5 Years	100,000 mi/161 000 km
Frame Rails	1 Year	50,000 mi/80 500 km
GHG14 <sup>d</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks)	5 Years	100,000 mi/161 000 km
GHG14 <sup>d</sup> (Medium Heavy Duty to Heavy Heavy Duty Tractors)	5 Years	100,000 mi/161 000 km
GHG14 <sup>d</sup> Tire	2 Years	24,000mi/38 400 km
Paint	1 Year	50,000 mi/80 500 km
Paint, Chassis	6 Months	Unlimited
Front Axle <sup>e</sup>	1 Year	100,000 mi/161 000 km
Rear Axle	1 Year	100,000 mi/161 000 km
Transfer Case	1 Year	100,000 mi/161 000 km
Transmission	1 Year	100,000 mi/161 000 km
Detroit Front Axle <sup>e</sup> (File Direct)		
Pre-Model Year 2011 <sup>f</sup>	1 Year	100,000 mi/161 000 km
Post-Model Year 2011 <sup>g</sup>	1 Year	Unlimited
Post-Model Year 2011 <sup>h</sup>	3 Years	300,000 mi/483 000 km
Post-Model Year 2011 <sup>i</sup>	2 Years	Unlimited
Detroit Rear Axle (File Direct)		

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**NEW VEHICLE LIMITED WARRANTY WARRANTY COVERAGE  
DESCRIPTIONS & WARRANTY COVERAGE TABLES  
FREIGHTLINER LEVEL III (FACTORY RELEASED ON OR AFTER 01/07/2013)**

Coverage <sup>a</sup>		
Description	Time <sup>b</sup>	Distance <sup>b</sup>
Pre-Model Year 2011 <sup>f</sup>	1 Year	100,000 mi/161 000 km
Post-Model Year 2011 <sup>g</sup>	1 Year	Unlimited
Post-Model Year 2011 <sup>h</sup>	3 Years	300,000 mi/483 000 km
Post-Model Year 2011 <sup>i</sup>	2 Years	Unlimited

- a. Coverage may vary; check vehicle's actual warranty coverage online via OWL's *Coverage Info/Check Coverage* screen.
- b. Time or distance, whichever comes first
- c. Applies to vehicles equipped with EPA 2010 compliant diesel engines.
- d. Applies to models 2013 and later domiciled in the United States, check actual warranty online via OWL's *Coverage Info/Check Coverage* screen for coverage listed as "GHG14..."
- e. Front Axle coverage is also applicable to gliders.
- f. Pre-Model Year 2011 Detroit Axle: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- g. Other - Severe Duty: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- h. Heavy Duty - General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- i. Medium Duty - General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.

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**NEW VEHICLE LIMITED WARRANTY WARRANTY COVERAGE  
DESCRIPTIONS & WARRANTY COVERAGE TABLES  
FREIGHTLINER LEVEL III (FACTORY RELEASED PRIOR TO 01/07/2013)**

**Freightliner Level III (Factory released prior to 01/07/2013)**



Category Determinants	
Road Surface - most severe in-transit between sites	Any
GCW	All Okay
Axles and Their Manufacturer's GVW Rating	
2-axle unit	Over 46,000 lb/20 865 kg
3-axle unit	Over 66,000 lb/29 937 kg
4-axle unit	Over 86,000 lb/39 008 kg
5-axles or more	Over 98,000 lb/44 452 kg

Coverage <sup>a</sup>		
Description	Time <sup>b</sup>	Distance <sup>b</sup>
Basic Vehicle	1 Year	50,000 mi/80 500 km
Battery	1 Year	50,000 mi/80 500 km
Brightwork	6 Months	Unlimited
Cab Corrosion/Perforation	1 Year	50,000 mi/80 500 km
Cab Structure	1 Year	50,000 mi/80 500 km
Corrosion	6 Months	Unlimited
Crossmembers	1 Year	50,000 mi/80 500 km
Diesel Emission 2010 <sup>c</sup>	5 Years	100,000 mi/161 000 km
Frame Rails	1 Year	50,000 mi/80 500 km
GHG14 <sup>d</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks)	5 Years	100,000 mi/161 000 km
GHG14 <sup>d</sup> (Medium Heavy Duty to Heavy Heavy Duty Tractors)	5 Years	100,000 mi/161 000 km
GHG14 <sup>d</sup> Tire	2 Years	24,000mi/38 400 km
Paint	1 Year	50,000 mi/80 500 km
Paint, Chassis	6 Months	Unlimited
Front Axle <sup>e</sup>	1 Year	100,000 mi/161 000 km
Rear Axle	1 Year	100,000 mi/161 000 km
Transfer Case	1 Year	100,000 mi/161 000 km
Transmission	1 Year	100,000 mi/161 000 km
Detroit Front Axle <sup>e</sup> (File Direct)		
Pre-Model Year 2011 <sup>f</sup>	1 Year	100,000 mi/161 000 km
Post-Model Year 2011 <sup>g</sup>	1 Year	Unlimited
Post-Model Year 2011 <sup>h</sup>	3 Years	300,000 mi/483 000 km
Post-Model Year 2011 <sup>i</sup>	2 Years	Unlimited
Detroit Rear Axle (File Direct)		

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**NEW VEHICLE LIMITED WARRANTY WARRANTY COVERAGE DESCRIPTIONS & WARRANTY COVERAGE TABLES**  
**FREIGHTLINER LEVEL III (FACTORY RELEASED PRIOR TO 01/07/2013)**

Coverage <sup>a</sup>		
Description	Time <sup>b</sup>	Distance <sup>b</sup>
Pre-Model Year 2011 <sup>f</sup>	1 Year	100,000 mi/161 000 km
Post-Model Year 2011 <sup>g</sup>	1 Year	Unlimited
Post-Model Year 2011 <sup>h</sup>	3 Years	300,000 mi/483 000 km
Post-Model Year 2011 <sup>i</sup>	2 Years	Unlimited

- a. Coverage may vary; check vehicle's actual warranty coverage online via OWL's Coverage Info/Check Coverage screen.
- b. Time or distance, whichever comes first
- c. Applies to vehicles equipped with EPA 2010 compliant diesel engines.
- d. Applies to models 2013 and later domiciled in the United States, check actual warranty online via OWL's Coverage Info/Check Coverage screen for coverage listed as "GHG14.."
- e. Front Axle coverage is also applicable to gliders.
- f. Pre-Model Year 2011 Detroit Axle: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- g. Other - Severe Duty: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- h. Heavy Duty - General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.
- i. Medium Duty - General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see [www.ddcsn.com](http://www.ddcsn.com) for specific coverage details.

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**DAIMLER TRUCKS NORTH AMERICA LLC**

**DEALER  
WARRANTY MANUAL**

**SECTION 1**

**NEW VEHICLE LIMITED WARRANTY  
WARRANTY STATEMENT**

# Section 1

## 1.1 New Vehicle Coverage

The following section outlines Company standard warranty coverages for all Company vehicles, equipment, chassis, or cabs sold by Daimler Trucks North America and domiciled in the USA (50 states and Washington, D.C.) and Canada. This information is also included in the *Owner's Warranty Information Booklet*.

See Warranty Coverage Descriptions for standard warranty coverages by make and model. Additional coverage may apply, verify coverages online for specific vehicle warranty.

## 1.2 New Vehicle Limited Warranty

Under this New Vehicle Limited Warranty ("Warranty"), Daimler Trucks North America LLC ("Company") warrants that each new vehicle will be free from defects in material and workmanship that occur under normal use within the applicable warranty period, subject to certain limitations and exclusions as specified in this document.

This limited warranty applies only to new vehicles sold by an authorized Daimler Trucks North America (DTNA) dealer or ordered directly from DTNA; vehicles sold at auction or as a result of repossession retain the warranty coverage from the original in-service date or factory invoice date if the vehicle has not been warranty registered.

Daimler Trucks North America LLC reserves the right to reduce or remove coverage on vehicles in salvage condition.

This Warranty covers all components and parts unless specifically covered by other warranties or otherwise excluded by this document.

## 1.3 Limitations

This warranty does not apply to vehicles that are sold or domiciled outside of the United States (50 states and Washington, D.C.) or Canada.

This Warranty does not apply to engines, Allison transmissions, tires, or other components or parts that are not manufactured by Company and that are warranted directly by their respective manufacturers. Progressive damage caused by these manufacturers' components to any other parts including, but not limited to, parts installed by Company is excluded from Company warranty coverage. With respect to the foregoing, Company makes no warranty whether express, implied, statutory or otherwise including, but not limited to, parts installed by Company is excluded from Company warranty coverage. With respect to the foregoing, Company makes no warranty whether express, implied, statutory or otherwise including, but not limited to, any warranty of merchantability or fitness for a particular purpose.

**THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF ANY KIND WHETHER WRITTEN, ORAL, OR IMPLIED INCLUDING, BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY SPECIFICALLY EXCLUDES ANY**

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**NEW VEHICLE LIMITED WARRANTY WARRANTY STATEMENT  
PURCHASER'S EXCLUSIVE REMEDY**

OTHER WARRANTIES OR CONDITIONS PROVIDED FOR BY LAW, WHETHER STATUTORY OR OTHERWISE.

COMPANY'S SOLE OBLIGATION UNDER THIS WARRANTY SHALL BE TO REPAIR OR REPLACE, IN COMPANY'S SOLE DISCRETION, ANY DEFECTIVE COMPONENT OR PART. SUCH REPAIR OR REPLACEMENT SHALL BE WITHOUT COST TO PURCHASER WHEN PERFORMED WITHIN THE APPLICABLE WARRANTY PERIOD (TIME, DISTANCE, OR HOUR LIMIT, WHICHEVER OCCURS FIRST).

Purchaser must notify Company within the applicable warranty period, of any failure of the vehicle to comply with this Warranty and Purchaser must, at Purchaser's expense, promptly return the vehicle to an Authorized Service Facility for inspection and repair or replacement of any defect in material or workmanship occurring within the applicable warranty period. During New Vehicle coverage, warranty reimbursement will not be paid on repairs performed by customers on their own vehicles without a current Customer Performed Warranty Agreement (CPWA).

The vehicle must be maintained and serviced according to the prescribed schedules outlined in the Driver's/Operator's and Maintenance Manuals. Receipted bills and other evidence showing that required maintenance and service have been performed are required by Company as a condition of this Warranty.

After the Company's obligations under this Warranty expire, all liabilities of Company to Purchaser under this Warranty shall terminate. Repairs made under this Warranty do not constitute an extension of the original Warranty period for the vehicle or for any specific component or part.

To the extent that any provision of this Warranty contravenes the law of any jurisdiction, such provision shall be inapplicable in such jurisdiction, and the remainder of the warranty shall not be affected.

## 1.4 Purchaser's Exclusive Remedy

THIS WARRANTY SHALL BE THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST COMPANY, WHETHER IN CONTRACT, UNDER STATUTE (INCLUDING STATUTORY PROVISIONS AS TO CONDITIONS AS TO QUALITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF GOODS SUPPLIED PURSUANT TO THE CONTRACT OF SALE), WARRANTY, TORT, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY.

## 1.5 Limitation of Liability

COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE COST TO REPAIR OR REPLACE, IN COMPANY'S SOLE DISCRETION, THE DEFECTIVE COMPONENT OR PART THAT IN NO EVENT SHALL EXCEED THE FAIR MARKET VALUE OF THE VEHICLE AT THE TIME THE DEFECT IS DISCOVERED.

IN NO EVENT SHALL COMPANY BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED

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TO, INJURIES TO PERSONS OR DAMAGE TO PROPERTY, LOSS OF PROFITS OR ANTICIPATED PROFITS, OR LOSS OF VEHICLE USE.

## 1.6 Exclusions

The following components, parts, or conditions are specifically excluded from coverage under this Warranty.

NOTE: Parts found defective prior to installation must be filed as a Parts Adjustment Request (PAR) to the Parts Distribution Center (PDC).

### **AERODYNAMIC WHEEL COVERS**

Aerodynamic wheel covers are excluded from coverage under this Warranty.

### **AIR SPRINGS**

Tolerance buildup can occur during the assembly process of the rear suspension and rear cab air springs, and can cause the springs to have the appearance of being crooked, misaligned or improperly installed. This tolerance buildup is not detrimental to the operation of the vehicle and will not have an affect on either the quality of the ride or the durability of the components or vehicle. Straightening of these springs is not covered under this Warranty.

### **ALIGNMENT OF AXLES/WHEELS/STEERING WHEEL**

Each DTNA vehicle manufacturing plant uses an integrated alignment system to align axles and wheels and to center the steering wheel to Daimler Trucks North America LLC specifications. Realignment or readjustment of these items, including steering stops and steering poppets, is not covered under warranty.

Any special alignment settings at the request of the Owner must be handled between the Dealer and Owner after delivery from factory. These special adjustments are not covered under Warranty.

### **AXLE BREATHER VENTS**

During the vehicle manufacturing process, an oil run or drip stain may appear at the breather vent. Removing the vent, applying pipe sealant to the threaded vent fitting and re-installing the vent is unnecessary. Removing the axle breather vent and re-sealing the threaded fitting is not covered under this Warranty.

### **CAB INTERIOR COMPONENTS**

The repair or replacement of cab interior components that are rendered unserviceable due to normal wear or abuse are not covered under this Warranty.

These components include, but are not limited to:

- Curtains
- Floor coverings (including floor mats)
- Painted trim components
- Steering wheel
- Steering wheel wrap

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**NEW VEHICLE LIMITED WARRANTY WARRANTY STATEMENT  
EXCLUSIONS**

- Upholstery
- Window shades

## **CHROME SURFACES, ALUMINUM AND STAINLESS STEEL COMPONENTS**

The following items ARE covered under this Warranty:

- Chrome peeling off in sheets
- Chrome cut at mounting bolts due to over-torque at the factory
- Bubbles in the chrome that are not caused by rock chips and/or general rust conditions
- Isolated rust along seams or welds

The following items are NOT covered under this Warranty:

- General rust, for example, rust on the unfinished backside of a bumper
- Dimpling at the mounting bolts
- Staining, bluing, and/or yellowing that can be cleaned with a quality cleaning-product
- Rust, pits, and/or nicks caused by road wash or road debris breaking the chrome surface
- Streaks/stains/corrosion caused by severe wash solutions or corrosive road salts/chemicals

Claims pertaining to failures of chrome surfaces, aluminum, and stainless steel components will not be processed unless a clear digital picture is provided that adequately shows the defect.

## **CLUTCH ADJUSTMENT**

Clutch adjustments are normally required due to clutch wear and are considered normal maintenance. However, if the clutch adjustment is found to be outside of Company specifications during, or prior to, in-service of the vehicle, a warranty claim will be accepted on a one-time basis.

Claims for clutch adjustments will not be accepted unless the adjustment is found to be outside of Company specifications using the special clutch adjustment measuring tools provided by Company (e.g., adjusting the clutch to satisfy feel will not be accepted as warranty).

## **COMPETITION**

Warranty will become void on any vehicle that is used in competition, including but not limited to:

- Racing
- Tractor pulls
- Other motor sports

## **CONSUMABLE PARTS**

Parts that are subject to consumption during their normal service life and are routinely replaced during normal maintenance services are covered up to 15,000 miles (24

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**NEW VEHICLE LIMITED WARRANTY WARRANTY STATEMENT**  
**EXCLUSIONS**

000km) for all Daimler Trucks North America LLC vehicles except Thomas Built Bus (TBB) bodies and chassis. TBB consumable parts are covered up to 30 days from the date of in-service.

These items are:

- Antennas
- Ashtrays
- Belts
- Brake linings
- Cigarette lighter assembly
- Clutch brake
- Clutch linings
- Data logger batteries
- Desiccant cartridges
- Fire extinguishers
- Fluorescent ballast and tubes
- Fuses
- Gladhand
- Hosetennas
- Light bulbs\*
- Mattresses
- Mud flaps
- Mud flap mounting brackets
- Caps (including, but not limited to, DEF, fuel, radiator, surge tank)
- Receiver-dryer filter
- Trailer air hoses
- Trailer electrical cables
- Windshield washer nozzles
- Wiper arms and blades (TBB makes - wiper blades only)

\* *Sealed light and LED assemblies are not considered consumable.*

Consumable parts NOT covered under this Warranty include, but are not limited to, the following:

- Antifreeze
- Filters (fuel, air, oil, water)
- Fluids (unless low due to a warrantable failure)
- Lubricants

## **CORROSION**

A detailed list of exclusions for CORROSION is listed under *Warranty Coverage Descriptions*.

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**NEW VEHICLE LIMITED WARRANTY WARRANTY STATEMENT  
EXCLUSIONS****DAMAGE**

The following are not covered under this Warranty:

- Damage caused by use of the vehicle in any application that is not approved or is inconsistent with build specifications
- Damage resulting from improper use or misuse or abuse, negligence, improper operation, improper or insufficient maintenance (including, but not limited to failure to maintain vehicle as outlined in the driver's/operator's and maintenance manuals), overloading, unauthorized modifications, accidents, or operation at excessive speeds
- Environmental damage, including airborne fallout (including chemicals, tree sap, etc.), or other atmospheric conditions, hailstones, or other acts of nature
- Damage caused by road salts/chemicals or cleaning solvents, detergents or compounds
- Storage deterioration including damage caused by improper or insufficient storage or maintenance
- Damage caused by road hazards or road conditions
- Damage caused during shipping/transport after initial delivery of vehicle
- Damages (including peeling or flaking) caused by high-pressure washing or steam-cleaning
- Damages occurring after in-service (e.g., from rock chips)
- Damages caused by customer-installed sealer in air conditioning systems
- Damages caused by engine horsepower/torque upgrades
- Damage due to vibration associated with misapplication or improper operation of drivetrain components
- Damage due to terrorist activities
- Damage due to acts of war

**ENGINE**

The engine, including all of its components as supplied by the engine manufacturer, is not covered under this Warranty, but is warranted separately by the manufacturer of the engine. For engine warranty or service, contact the engine manufacturer's authorized sales and service facility.

**ENGINE BRAKES, AIR COMPRESSORS, AND OTHER PROPRIETARY ENGINE COMPONENTS**

The engine manufacturer installs most air compressors and engine brakes. Any failure of a proprietary engine component or Jacob® Brake component must be filed directly to the engine manufacturer.

Failures on non-proprietary engine components can be filed through DTNA.

**EXHAUST SYSTEM CLAMPS**

During the early life of the vehicle or when the engine is cold, many exhaust clamps exhibit a soot trace. This condition is self-correcting and does not require adjustment,

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**NEW VEHICLE LIMITED WARRANTY WARRANTY STATEMENT  
EXCLUSIONS**

tightening, or replacement of the clamp. Claims for adjusting or tightening will not be paid under warranty.

**FIFTH WHEELS**

Adjustment of the locking mechanism, bushings, slide locking plungers, and the repair or replacement of lock guards are considered routine maintenance and are not covered under this Warranty.

**GLASS, MIRRORS, LENS**

Glass, mirror or lens breakage or chips or scratches of glass, mirrors, or lenses are not covered by this Warranty.

**MISAPPLICATION OF VEHICLE**

The warranty on any vehicle used inconsistent with its specified vocation/application will be downgraded to the warranty that is consistent with the vehicle use. Any and all claims associated with the misapplication of the vehicle will be subject to chargeback.

**MISCELLANEOUS EXPENSES**

Premium charges and work not directly related to the repair or replacement of a warranted part are not covered under this Warranty. Examples include, but are not limited to:

- Federal, state, provincial, and local taxes
- Travel expenses
- Loss of revenue
- Customer labor, including overtime labor
- Downtime
- Driver's expenses
- Cost of rental equipment
- Loss of cargo, including perishable cargo
- General housekeeping supplies (i.e., shop rags, solvents, sweeping compounds, coveralls, etc.)
- Communication charges
- Towing/road call assistance (unless coverage is specifically stated in the applicable warranty coverage table)
- Repair or replacement of optional items not sold or installed by company
- Removal or replacement of dealer, body builder, or customer installed equipment
- Environmental fees, cleanup, or other charges
- Cost of emergency services

**MODIFICATIONS TO ORIGINAL EQUIPMENT**

Company does not warrant vehicle component or chassis modifications, or equipment installations arranged by Dealers or Customers. In addition, the extra time necessary to remove body builder installed items and/or equipment to work on a warranted repair

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**NEW VEHICLE LIMITED WARRANTY WARRANTY STATEMENT  
EXCLUSIONS**

is not covered under this Warranty unless Company sells the complete chassis/body/equipment as a package.

If Dealers or Customers perform any vehicle modifications or equipment installations, to the extent these modifications or equipment installations adversely affect other vehicle components or vehicle performance, Company shall not accept any product liability or claims under the terms of the vehicle warranty. These claims become the sole responsibility of the person performing the modifications or equipment installations.

## PAINT

The following exclusions to paint warranty include, but are not limited to:

- Complete chassis re-painting to repair paint damages
- Damages occurring after in-service (e.g., from rock chips)
- Peeling/flaking caused by high-pressure washing or steam cleaning
- Rusting of painted bumpers
- Removal and/or replacement of decals, striping, and/or lettering not applied by Company

Specific areas of the vehicle are deliberately not painted or are not painted to any standard; paint repairs are not warrantable to such areas. These areas include:

- Underside of the hood, including the inside of the wheel wells
- Underside of the roof-mounted air fairings
- Underside of the exterior sun visor
- Inside of the side-mounted air fairings
- Inside of the bumper
- Aftertreatment devices

## Gloss

Gloss Warranty claims pertaining to gloss issues on vehicles painted with low-gloss colors (as identified in the Data Books) will not be covered under this warranty.

## SHIP LOOSE ITEMS AND COMPONENTS

During the manufacturing process, certain vehicle components are normally placed in the cab of the vehicle or strapped down to the chassis for security reasons. It is the Dealer's responsibility to mount these "ship loose" items in the correct location on the vehicle. Mounting of "ship loose" items will not be covered under warranty.

These items include, but may not be limited to, the following:

- Aerodynamic wheel covers
- Antennas
- Fire extinguishers
- Trailer air hoses
- Trailer electrical cables
- Winter fronts
- Tire inflation hoses

DISCLAIMER: Failure to read or distribute this information does not provide exemption from compliance with the information contained herein.

**NEW VEHICLE LIMITED WARRANTY WARRANTY STATEMENT  
EXCLUSIONS**

- Spare wheels/tires
- Chrome lug nut covers
- Driver's pouch
- Jacks

Daimler Trucks North America has established a Roof Fairing Removal program in order to reduce transport related damage. The Transporter will remove the fairing during the decking process and secure the fairing on the frame rail of the unit. Benefits for this program include fewer units towed in reverse and an overall improved delivery process.

Some units will continue to be received with the fairing collapsed. It is the Dealer's responsibility to mount these fairings correctly. Claims for mounting of these collapsed fairings will not be covered under warranty.

Those units received with the fairing removed, DTNA warranty will reimburse for the re-installation of the roof fairing prior to delivery to the end customer.

If vehicle is drop shipped directly to customer:

Transporter notifies customer that roof fairing has been removed for transport and arranges for re-installation prior to or at delivery.

- If customer has facilities for re-installation of roof fairings, then fairings will be re-installed at final delivery location.
- If customer does not have facilities to re-install fairings, transporter will arrange with nearest authorized DTNA dealership to have fairings re-installed and shuttle units to customer location at no additional cost to our customer.

## TRANSMISSIONS

Allison transmissions and components are not covered under this Warranty, but are warranted separately by Allison. Information regarding Allison's warranty is provided for informational purposes only and is subject to change. For warranty or service information, contact Allison's authorized sales and service facility.

## ROUTINE MAINTENANCE

Routine maintenance, servicing, and adjustment, as defined in the applicable Vehicle Maintenance Manual and Driver's Manual, are excluded from Warranty.

Periodic adjustment or re-torque of wheel bearings, wheel lug nuts, and suspension U-bolts are considered maintenance adjustments and are not covered under warranty.

Vibrations, squeaks, rattles, loose fittings/clamps, hose fitting leaks, loose nuts/bolts/screws, and loose electrical connections may develop during the initial trip(s) of the vehicle and these types of repairs/adjustments are covered under warranty one time during the following applicable initial operating periods unless excluded in the paragraphs below.

*Reminder:* After the following initial operating periods, these developments are the result of use and their repair/adjustment activities are considered routine maintenance and thus excluded from warranty.

DISCLAIMER: Failure to read or distribute this information does not provide exemption from compliance with the information contained herein.

**NEW VEHICLE LIMITED WARRANTY WARRANTY STATEMENT  
EXCLUSIONS**

**INITIAL OPERATING PERIOD**

The Initial Operating Period (IOP) for Daimler Trucks North America LLC vehicles is as follows:

Make	Initial Operating Period
Freightliner, Sterling, Western Star	Up to 15,000 miles/ 24 000 km
Freightliner Custom Chassis Corporation (FCCC)	Up to 25,000 miles/ 40 000 km
Thomas Built Bus (TBB) bodies and TBB chassis <sup>a</sup>	Up to 6 months from the date of in-service

a. TBB applications utilizing FCCC chassis retain the FCCC IOP separate from the TBB body.

SEE *CONSUMABLE PARTS* elsewhere in this section.

Exclusions from warranty during the Initial Operating Period are:

- Cab, hood, and fender-mounted mirrors are adjusted at the factory but may be retracted by the transporter to prevent damage during transport. Subsequent adjustments and tightening of mirror mounting hardware are considered part of the routine preparation of the vehicle before Customer delivery. Claims for adjusting the mirrors or tightening of the attaching hardware will not be paid under warranty during or after the initial operating period.
- Claims for re-routing of electrical wiring, hoses, or lines *which meet Daimler Trucks North America's routing standards* will not be paid under warranty during or after the initial operating period.
- Final preparation of the vehicle for Customer delivery to include cleaning/vacuuming interior of cab, washing windows, washing the exterior of the vehicle, polishing exterior chromed or painted surfaces are considered as ordering-Dealer responsibilities. Claims for these activities will not be paid under warranty during or after the initial operating period.

**TEST VEHICLES**

Any vehicles being used in testing or used to test specific components must be identified to the Warranty Department and accommodations must be made for claims that relate to the test item(s).

Any vehicles used in endurance testing, such as the Altoona Test, are void of all warranty, new or used.

**TIRES AND TIRE BALANCING**

The tires are not covered under this Warranty, but are warranted separately by the tire manufacturer. Tire balancing is not covered under warranty.

DISCLAIMER: Failure to read or distribute this information does not provide exemption from compliance with the information contained herein.

## 1.7 Transfer of Warranty

This Warranty is transferable to a subsequent Owner if it has not expired.

To ensure the Owner receives proper warranty recognition, the ownership information should be updated in the Company system.

## 1.8 Change of Owner Address Information

To ensure Company's ability to reach the current Owner with Recall and Field Service campaign information, the Owner's information must be updated whenever there is a change to the Owner's name or address.

## 1.9 Product Improvement

Company reserves the right to make improvements or changes to the product at any time without incurring any obligation to make such changes or improvements to any other vehicle.

## 1.10 Owner's Responsibilities

It is the Owner's responsibility to ensure the vehicle is maintained as outlined in the Driver's/Operator's and Maintenance Manuals. It is important that the new Owner becomes familiar with the contents of the warranty information. When the Owner first receives the vehicle, the Dealer should review the *Owner's Warranty Information* booklet with the Owner.

To initiate warranty, the customer must complete and sign the *Warranty Start Form* (WAR275). Dealer must attach the *Warranty Start Form* to the *Product Registration* screen in OWL.

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DISCLAIMER: Failure to read or distribute this information does not provide exemption from compliance with the information contained herein.

# TRUCK COUNTRY



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Bradenton, FL 34208

Gail:

Freightliner M2106, M2112, 108SD and 114SD base spec chassis GVW ordered through 9/30/2017 by Pierce Manufacturing and delivered to Pierce Manufacturing by 12/31/2017 carry an extended basic vehicle warranty.

The M2106 and the 108SD will carry a 3Yr/100,000 mile basic vehicle warranty.

The M2112 and 114SD will carry a 3Yr / 200,000 mile basic vehicle warranty.

This warranty is limited to a chassis domiciled within the United States and Canada.

FXP base spec GVW units domiciled in Canada will carry an extended 3Yr/100,000 mile basic vehicle warranty.

FXP base spec GVW units domiciled in the United States will carry an extended 5Yr/100,000 mile basic vehicle warranty.

Please let me know if you require any additional information.

Regards,



John Frawley

Director of Corporate Accounts





# Certification Document CD0156 Statement of Compliance to NFPA 1901-2016 Vehicle Stability

Pierce fire apparatus comply with NFPA 1901 Section 4.13 Vehicle Stability using the tilt table method. As prescribed by the standard, each apparatus is compared to a substantially similar apparatus that has been loaded as required and tested on a tilt table per the SAE J2180 test procedure. If the apparatus configuration was not expected to meet the minimum tilt table criteria, then it will be equipped with the Electronic Stability Control option. A listing of all tested apparatus is maintained by the Research and Development lab and is available for inspection at the Appleton factory.



**4.13 Vehicle Stability.**

**4.13.1\* Rollover Stability.** The apparatus shall meet the criteria defined in 4.13.1.1, or it shall be equipped with a stability control system in accordance with 4.13.1.2.

**4.13.1.1** The apparatus shall meet the criteria defined in either of the following:

(1)\*The apparatus shall remain stable to 26.5 degrees in both directions when tested on a tilt table in accordance with SAE J2180, *A Tilt Table Procedure for Measuring the Static Rollover Threshold for Heavy Trucks*.

(2) The calculated or measured center of gravity (CG) shall be no higher than 80 percent of the rear axle track width.

**4.13.1.1.1** Compliance shall be certified by testing, calculating, or measuring the apparatus or by comparing the apparatus to a compliant, substantially similar example apparatus, and the certification shall be delivered with the fire apparatus.

**4.13.1.1.2** The example apparatus shall be considered substantially similar if it includes a chassis with the same or higher CG height, the same or narrower rear axle track width, the same or greater water tank size and CG height, the same type of front and rear suspension, and the same type and size of aerial device.

**4.13.1.1.3** For purposes of 4.13.1.1, the apparatus shall be loaded with fuel, fire-fighting agents, hose, ladders, a weight of 250 lb in each seating position, and weight equivalent to the miscellaneous equipment allowance as defined in Table 12.1.2.

**4.13.1.1.3.1** If the apparatus is designed to meet a specified higher equipment loading or larger hose bed capacity or to carry additional ground ladders, these greater loads shall be included in the testing, calculating, or measuring.

**4.13.1.1.3.2** The weight added to the fire apparatus for the purpose of test, calculation, or measurement shall be distributed to approximate typical in-service use of the fire apparatus while not exceeding the manufacturer's published individual compartment weight ratings.

**4.13.1.2** If the apparatus is equipped with a stability control system, the system shall have, at a minimum, a steering wheel position sensor, a vehicle yaw sensor, a lateral accelerometer, and individual wheel brake controls.

## VALIDATION TEST: Multiple Tests

Pierce Manufacturing, Inc.

David W. Archer  
Vice President of Engineering  
June 1, 2017

 **UNITED PLASTIC FABRICATING, INC.**  
**WARRANTY**  
**FOR: POLY-TANK®, POLYSIDE®, INTEGRATOR™, ELLIPSE™, ELLIP-T-TANK™ & DEFENDER™**

## LIFETIME SERVICE WARRANTY

United Plastic Fabricating, Inc. (hereinafter called "UPF") warrants each POLY-TANK®, Booster/Foam Tank POLYSIDE® Wetside Tank, Integrator Tank/Body, ELLIPSE™ Elliptical Tank, Ellip-T-Tank Tank and DEFENDER™ Skid Tank to be free from defects in material and workmanship for the service life of the original vehicle (vehicle must be actively used in an emergency response for fire suppression). All UPF Tanks must be installed and operated in accordance with the UPF Installation and Operating Guidelines. Failure to do so can void the warranty.

Every UPF Tank is inspected and tested before leaving our facility. Should your UPF Tank require service, please notify UPF via email, fax, in writing or by calling UPF at 1-978-975-4520. Please provide the serial number, a description of the service request, the location along with the phone number and name of the contact person. Our goal is to have scheduled work completed within a reasonable time period.

Under a valid warranty claim, UPF will cover the cost to repair the UPF Tank including the customary and reasonable costs to make the tank accessible such as the removal and reinstallation of the tank if authorized in advance (pre-approved) by UPF. The warranty will not cover tanks that have been improperly installed, operated, misused, abused, or modified from its intended or designed use. Serial number must not have been altered, defaced or removed. Tanks that are not stored or installed properly which results in the tank suffering UV damage will not be covered by this agreement.

Should UPF determine that the service claim is valid under this warranty for a tank located outside of the United States and Canada, UPF will assume the costs for labor and material for the warranty repair as described above plus all travel costs to the U.S. port of embarkation. Costs for airline travel outside of the U.S. and Canada will not be the responsibility of UPF.

In the event the tank shall become stationed in an area of the world that is considered to be a war zone or where unsafe conditions exist for the safe passage of United States Nationals, as reported by the United States Department of State, (<http://www.state.gov>), and a request to perform service or warranty repairs, UPF reserves the right to refuse to honor such requests. It is the purchaser's responsibility to relocate the tank to an area where such repairs can be performed without undue risk to UPF employees or their designee. UPF will make every reasonable effort to support our products through alternative means.

For Ellipse™ elliptical tanks, a separate five year warranty provided by the subcontractor is applied to the sub-frames, chute linings (rubber isolation strips) and metal components. The stainless steel wrap provided by UPF shall be warranted by the subcontractor performing the wrap installation in accordance with their warranty in place at the time of the installation. UPF will not be liable for any warranty costs associated with the wrap, sub-frames, chute linings (rubber isolation strips) and metal components but will assist with all claims on behalf of its customer.

For PolySide® wetsided tanks and Integrator™ Tank/Body units, all polypropylene components related to the tank shall carry the standard UPF lifetime



**UNITED PLASTIC FABRICATING, INC.**

# **WARRANTY**

**FOR: POLY-TANK®, POLYSIDE®, INTEGRATOR™, ELLIPSE™, ELLIP-T-TANK™ & DEFENDER™**

service warranty. Other polypropylene components, including but not limited to compartments, wheel wells, fenders and other body related components shall be warranted by UPF for a period of ten years. The warranty for the PolySide® and Integrator™ units excludes paint or hardware, which shall be covered by the manufacturer of the paint/hardware.

All UPF tanks 50 gallons or less utilized for non-fire applications and installed on specialty vehicles such as ATVs, trailers, boats, etc. are covered under a separate warranty policy available from UPF. Further, UPF Protector™ foam and water trailers are warranted under a separate warranty policy available from UPF.

This UPF warranty is transferable within the United States only with prior written approval by UPF (except an original apparatus manufacturer may assign this warranty to the first titled owner/lessee of the apparatus).

**UPF will NOT reimburse any unnecessary work and/or work that has not been pre-approved. Any and all third party charges must be pre-authorized and approved in writing by UPF prior to commencing the work. Any unauthorized third party repairs, alterations, actions or modifications will not be covered and can void the warranty. UPF will be the sole determining authority as to whether a service claim will be valid and covered under this warranty.**

In no event will UPF be liable for an amount in excess of the purchase price of the booster/foam tank at the time of manufacture or for any loss or damage, whether direct, indirect, incidental, consequential, or otherwise arising out of failure of its product. Loss of contents (water, foam, etc.) shall not be the responsibility of UPF. Further, UPF is not responsible for costs associated with service repairs to chassis, sub-frames, bodies, valves, dumps, hoses, pressure vacuum vents, and other components (i.e. liquid level transducers, etc.). Further, UPF will not cover the cost for travel of the vehicle to and from a repair facility.

This warranty contains the entire warranty. It is the sole warranty and price agreements or representation, whether oral or written, are either merged herein or expressly cancelled. UPF neither assumes, nor authorizes any person supposing to act on its behalf to change, nor assume for it, any warranty or liability concerning its product.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow exclusion or limitation or incidental or consequential damage, so the above limitation or exclusion may not apply to you. Since some states do not allow limitations on the length of an implied warranty, the above limitation may not apply to you.

**THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION OF THE FACE HEREOF. THERE IS NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. ADDITIONALLY, THIS WARRANTY IS IN LIEU OF ALL OTHER OBLIGATION OR LIABILITIES ON THE PART OF UPF.**



# BULLETIN

**TO: All Dealer Service Representatives**

**From: Kevin Hanegraaf**

**DATE: January 4, 2010**

**RE: UPF Tank Warranty Policy – Truck in Accident**

**Service Topic #292**



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To keep the UPF tank warranty valid on trucks that have been involved in a vehicular accident, it is UPF's policy that the customer must remove the tank from the truck and send it back to one of UPF's facilities for inspection. In the event that this does not take place, the warranty will be considered null and void.

The customer must remove and send the tank back to UPF for inspection in order to maintain the original warranty coverage, at which time it will be:

- Filled with water
- Visually inspected
- Ultraviolet spark tested on articulating test stand in the dark
- Recommendation for repairs if necessary provided by UPF
- Fully evaluated and repaired by UPF

If your customer chooses to leave the tank on the truck and wants a technician to inspect and/or repair the tank in the field, then **the warranty is no longer in effect.** This direction is upheld by UPF because the technician cannot inspect the entire tank when it is still installed on the truck.

**Note:** This memo is intended to relay the information Pierce has received on UPF's tank warranty for trucks that are in a vehicular accident. In the event of an actual claim, we direct you to consult with UPF's service Manager Maura Watts (800-638-8265 x253)



## **AMDOR Inc. TERMS OF BUSINESS AND GENERAL INFORMATION**

### **Warranty:**

All AMDOR Inc. roll-up door products are warranted for a period of 10 years from the date of delivery (with the exception of wet paint adhesion - please see below). AMDOR Inc. liability covers the replacement or repair of any component that fails due to defects in material and / or workmanship during the coverage period. We accept no liability for claims made for damages to any part (or parts) of a vehicle and / or machine (of any type) or injury claims by a person or persons assumed or alleged to have been brought about by the use or misuse of any product supplied by AMDOR Inc. Warranty coverage does not extend to door attachments including (but not limited to) decals, emblems, stripes and adhesives.

In order to initiate the claims process please contact your authorized representative of AMDOR Inc. Warranty claims must be accompanied by a written description providing full and reasonable details as to the nature of the defect. Upon receipt of your claim arrangements will be made to inspect the defective product (if necessary). Justified warranty claims will be repaired, exchanged, or credited to the customer's account at AMDOR Inc.'s discretion. All warranty claims must be approved in writing by the Customer Service Manager for AMDOR Inc. There are no exceptions to this clause.

Limited warranty coverage includes the labor associated with the disassembly and assembly of products deemed to be defective by AMDOR Inc. Labor allowances are based on a set time schedule as determined by AMDOR Inc. The maximum allowable hourly labor rate is \$ 50. All warranty labor claims must be approved in writing by an authorized representative of AMDOR Inc. prior to commencement of work. Allowances for removal and installation:

Curtain replacement:	3/4 hour
Balancer replacement:	1 hour
Door ajar switch	3/4 hour
Bottom Panel Assembly:	1/2 hour
Slat replacement:	3/4 hour
Door removal and replacement	1 1/2 hours

Items authorized for return must be accompanied by a Return Goods Authorization (RGA) number. We will accept collect shipments of items deemed to be defective provided that they are returned via the most economical carrier. Should items be

returned by means other than the most economical carrier the difference will be charged back to the sender.

AMDOR Inc. reserves the right to reject any claim when a product has been opened, interfered with or modified. Claims may also be rejected when damage to the product (or any sub-assembly) has been brought about by accident, misuse, abuse, vandalism, incorrect installation, temperature extremes, chemical exposure or any factor other than regular operating conditions.

### **Limited Wet Paint Match Adhesion Warranty**

AMDOR Inc. warrants wet paint finishes applied by AMDOR utilizing our approved factory paint specification. All wet paint match colors must be approved in writing by an authorized OEM representative. AMDOR Inc. will provide a color spray out for this purpose. The time required for shipping and consideration of initial color spray outs will be considered over and above stated lead times. Warranty coverage will extend for a period of not less than 5 years from the date of delivery as determined by AMDOR Inc.'s Packing Slip. AMDOR reserves the right to determine whether individual units will be replaced and / or repaired by an AMDOR approved vendor. An allowance will be made for labor associated with the disassembly and assembly of individual units at the prescribed hourly rate of \$ 50 per hour. Compensation for labor will not exceed the maximum time allowance permitted for door removal and replacement. Written approval including specified allowance for time must be obtained from AMDOR prior to initiating work. Warranty coverage will extend to the following visible paint system defects:

- 1./ Loss of mechanical adhesion as evidenced by peeling, cracking or blistering which exposes the substrate material.
- 2./ Corrosion of the substrate due to paint system failure.
- 3./ Fading which results in a substantial departure from the primary AMDOR approved body color.

Wet paint adhesion limited warranty coverage will be excluded when damages to the system are determined by AMDOR Inc. to be a result of the following:

- 1./ Damage caused through the use of attachments including (but not limited to) decals, labels, adhesives, non factory approved coatings.
- 2./ Loss of gloss, discoloration or damage due to improper maintenance (including but not limited to) mechanical wash systems, pressure washers, steam cleaners, non approved wash or polishing agents.
- 3./ Abuse, acts of nature, excessive heat / cold, chemical exposure, vandalism and / or accidents.
- 4./ Scratches, chips, abrasions, or dents from any source.

**This document supercedes all previous written and / or verbal warranties provided by AMDOR Inc. and / or it's affiliates.**

# Appendix I

## COUNTY OF FLUVANNA

### GENERAL TERMS, CONDITIONS AND INSTRUCTIONS TO BIDDERS AND CONTRACTORS

## **GENERAL TERMS, CONDITIONS AND INSTRUCTIONS TO BIDDERS AND CONTRACTORS**

These General Terms, Conditions and Instructions to Bidders and Contractor (hereinafter referred to as the “General Conditions”) shall apply to all purchases and be incorporated into and be a part of each Solicitation (as defined below) and every Contract (as defined below) awarded by Fluvanna County, a political subdivision of the Commonwealth of Virginia (hereinafter referred to as the “County”) unless otherwise specified by the County in writing. Bidders, Offerors and Contractors or their authorized representatives are expected to inform themselves fully as to these General Conditions before submitting Bids or Proposals to and/or entering into any Contract with the County: failure to do so will be at the Bidder’s/Contractor’s own risk and except as provided by law, relief cannot be secured on the plea of error.

Subject to all Federal, State and local laws, policies, resolutions, regulations, rules, limitations and legislation, including the County’s Procurement Policies and Procedures, Bids or Proposals on all Solicitations issued by County will bind Bidders or Offerors, as applicable, and Contracts will bind Contractors, to all applicable terms, conditions, instructions, rules and requirements herein set forth unless otherwise SPECIFICALLY set forth by the County in writing in the Solicitation or Contract. All provisions of these General Conditions are material to any contract between the County and a Contractor.

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### **INTRODUCTION**

- 1. VIRGINIA PUBLIC PROCUREMENT ACT AND ETHICS IN PUBLIC CONTRACTING:** The Virginia Public Procurement Act of Virginia Code §§ 2.2-4300 *et seq.* (hereinafter the “VPPA”) is incorporated herein by reference. Nothing in these General Conditions is intended to conflict with the VPPA and in case of any conflict, the VPPA controls. Specifically, the provisions of Article 6 of the VPPA (Virginia Code §§ 2.2-4367 through 2.2-4377) relating to ethics in contracting, shall be applicable to all Solicitations and Contracts solicited or entered into by the County. By submitting their Bids or signing any Contract, all Bidders and Contractors certify that they have not violated any of the provisions of Article 6 of the VPPA, including, but not limited to, that their Bids are made without collusion or fraud and that they have not offered or received any kickbacks or inducements.
  
- 2. DEFINITIONS:** The definitions of Virginia Code §§ 2.2-4301, 2.2-4302.1 and 2.2-4302.2 are specifically incorporated herein by reference and as used in these General Conditions, whether capitalized or not, any of such defined terms have the same meaning as such terms have under the VPPA: such defined terms include: “Affiliate”, “Best Value”, “Business”, “Competitive Negotiation”, “Competitive Sealed Bidding”, “Construction”, “Construction Management Contract”, “Design-Build Contract”, “Employment Services Organization”, “Goods”, “Informality”, “Job Order Contracting”, “Multiphase Professional Services Contract”, “Nonprofessional Services”, “Potential Bidder or Offeror”, “Professional Services”, “Public Body”, “Public Contract”, “Responsible Bidder or Offeror”, “Responsive Bidder”, “Reverse Auctioning” and



“Services”. Additionally, as used in these General Conditions, the following terms, whether capitalized or not, have the following meanings:

- a. Bid/Proposal: The offer of a Bidder or Offeror to provide specific Goods or Services at specified prices and/or other conditions specified in the Solicitation. The term “Bid” is used throughout these General Conditions and where appropriate includes the term “Proposal” or any modifications or amendments to any Bid or Proposal.
- b. Bidder/Offeror/Vendor: Any individual(s), company, firm, corporation, partnership or other organization bidding or offering on any Solicitation issued by the County and/or offering to enter into Contracts with the County. The term “Bidder” is used throughout these General Conditions and where appropriate includes the term “Offeror” and/or “Vendor”.
- c. Contract: Any contract to which the County will be a party.
- d. Contractor: Any individual(s), company, firm, corporation, partnership, or other organization to whom an award is made by the County or whom enters into any contract to which the County is a party.
- e. County: The County of Fluvanna, a political subdivision of the Commonwealth of Virginia, including where applicable all agencies and departments of the County.
- f. County Administrator: The Fluvanna County Administrator.
- g. County Attorney: The Fluvanna County Attorney.
- h. Purchasing Agent: The County Administrator is the County’s Purchasing Agent and is responsible for the purchasing activity of Fluvanna County; and has signatory authority to bind the County to all contracts and purchases made lawfully under the Fluvanna County Small Purchasing Procedures. The Purchasing Agent has signatory authority to bind the County to all other contracts and purchases only after the contracts or purchases have been approved by a vote of the Fluvanna County Board of Supervisors.
- i. General Terms, Conditions and Instructions to Bidders and Contractors (also referred to herein as the “General Conditions”): These General Terms, Conditions and Instructions to Bidders and Contractors shall be attached to and made a part of all Solicitations by the County and all Contracts to which the County is party.
- j. His: Any references to “his” shall include his, her, their, or its as appropriate.
- k. Invitation to Bid (also referred to herein as an “IFB”): A request which is made to prospective Bidders for their quotation on Goods or Services desired by the County. The issuance of an IFB will contain or incorporate by reference the General Conditions and the other specifications and contractual terms and

conditions applicable to the procurement.

- l. Purchasing Officer: The Purchasing Officer employed by the County and to whom Bidders/Contractors can submit questions relating to any Bid or Contract.
  - m. Request for Proposal (also referred to herein as a “RFP”): A request for an offer from prospective Offerors which shall indicate the general terms which are sought to be procured from Offerors. The RFP will specify the evaluation factors to be used and will contain or incorporate by reference the General Conditions and other applicable contractual terms and conditions, including any unique capabilities or qualifications that will be required of the Contractor.
  - n. Small Purchasing Procedures: The County’s Small Purchasing Procedures, being Chapter 4 of the County’s Procurement Policies and Procedures, a method of purchasing not requiring competitive sealed bids or competitive negotiation for single or term contracts for goods and services other than professional services if the aggregate or the sum of all phases is not expected to exceed \$50,000; and also allowing for single or term contracts for professional services without requiring competitive negotiation, provided the aggregate or the sum of all phases is not expected to exceed \$50,000.
  - o. Solicitation: The process of notifying prospective Bidders or Offerors that the County wishes to receive Bids or Proposals on a set of requirements to provide Goods or Services. “Solicitation” includes any notification of the County requirements may consist of public advertising (newspaper, County’s website, or other electronic notification), the mailing of notices of Solicitation, any Invitation for Quotes (“IFQ”), Initiations to Bid (“IFB”), or Requests for Proposal (“RFP”), the public posting of notices, issuance of an Open Market Procurement (“OMP”), or telephone calls to prospective Bidders or Offerors.
  - p. State: The Commonwealth of Virginia.
3. **AUTHORITY**: The Purchasing Agent shall serve as the principal public purchasing official for the County, and shall be responsible for the procurement of goods, services, insurance and construction in accordance with the County’s Procurement Policies and Procedures. The Purchasing Agent has responsibility and authority for negotiating, placing and when necessary modifying every Solicitation, Contract and purchase order issued by the County under the County’s Small Purchasing Procedures. The Purchasing Agent has signatory authority to bind the County to all contracts and purchases made lawfully under the County’s Small Purchasing Procedures. The Purchasing Agent has responsibility and authority for negotiating, placing and when necessary modifying every other Solicitation, Contract and purchase order issued by the County except that the Purchasing Agent has signatory authority to bind the County to all other contracts and purchases ONLY after the contracts or purchases have been adopted and approved by a vote of the Fluvanna County Board of Supervisors (the “Board”).

Unless specifically delegated by the Board or the Purchasing Agent, and consistent with the limited authority granted thereto, no other County officer or employee is authorized to order supplies or Services, enter into purchase negotiations or Contracts, or in any way obligate the County for any indebtedness. Any purchase or contract made which is contrary to such authority shall be of no effect and void and the County shall not be bound thereby.

For convenience, the County's Purchasing Officer shall serve as an intermediary between the Purchasing Agent and the Bidder or Contractor and any Bidder or Contractor may direct communications regarding any purchase, Solicitation or Contract to the Purchasing Officer; however as stated *supra* only the Board or County's Purchasing Agent can bind the County and only upon the conditions stated *supra*.

### **CONDITIONS OF BIDDING**

- 4. COMPETITION INTENDED:** It is the County's intent to encourage and permit open and competitive bidding in all Solicitations. It shall be the Bidder's responsibility to advise the County in writing if any language, requirement, specification, etc., or any combination thereof, stifles competition or inadvertently restricts or limits the requirements stated in a Solicitation to a single source. The County must receive such notification not later than seven (7) business days prior to the deadline set for acceptance of the Bids. In submitting a Bid, the Bidder guarantees that he or she has not been a party with other Bidders to an agreement to bid a fixed or uniform price. Violation of this implied guarantee shall render the Bid of any Bidder involved void.
- 5. DISCRIMINATION PROHIBITED:** Pursuant to Virginia Code § 2.2-4310, the County does not discriminate against Bidders, Offerors or Contractors because of race, religion, color, sex, national origin, age, disability, status as a service disabled veteran, or any other basis prohibited by state law relating to discrimination in employment. Whenever solicitations are made, the County shall include businesses selected from a list made available by the Department of Small Business and Supplier Diversity. Pursuant to Virginia Code § 2.2-4343.1, the County does not discriminate against "faith-based organizations", being a religious organization that is or applies to be a contractor to provide goods or services for programs funded by the block grant provided pursuant to the Personal Responsibility and Work Reconciliation Act of 1996, P.L. 104-193.
- 6. CLARIFICATION OF TERMS:** Pursuant to Virginia Code § 2.2-4316, if any Bidder has questions or comments about the specifications or other Solicitation documents, the prospective Bidder should contact the County no later than seven (7) business days prior to the date set for the opening of Bids or receipt of Proposals. Any revisions to the Solicitation will be made only by written addendum issued by the County. Notifications regarding specifications may not be considered if received in less than seven (7) business days of the date set for opening of Bids/receipt of Proposals.
- 7. MANDATORY USE OF COUNTY FORM AND TERMS AND CONDITIONS:** Unless otherwise specified in the Solicitation, all Bids must be submitted on the forms

provided by the County, including but not limited to, a Cover Sheet or Pricing Schedule, if applicable, properly signed in ink in the proper spaces and submitted in a sealed envelope or package. Unauthorized modification of or additions to any portion of the Solicitation may be cause for rejection of the Bid. However, the County reserves the right to decide, on a case by case basis, in its sole discretion, whether to reject any Bid or Proposal which has been modified. These General Conditions are mandatory provisions of all Solicitations and all Contracts of the County.

**8. LATE BIDS & MODIFICATION OF BIDS:** Any Bid or modification thereto received at the office designated in the Solicitation after the exact time specified for receipt of the Bid is considered a late Bid or modification thereof. The County is not responsible for delays in the delivery of the mail by the U.S. Postal Service, private carriers or the inter-office mail system. It is the sole responsibility of the Bidder to ensure their Bid reaches County by the designated date and hour. The following rules apply to all Bids submitted to the County:

- a. The official time used in the receipt of Bids/Proposals is that time on the automatic time stamp machine in the Finance Department;
- b. Late Bids or modifications thereof will be returned to the Bidder UNOPENED, if Solicitation number, due date and Bidder's return address is shown on the container;
- c. If a Bid is submitted on time, however a modification thereto is submitted after the due date and time, then the County in its sole discretion may choose to consider the original Bid except that the County may not consider such original Bid if the Bid is withdrawn by the Bidder pursuant to Section 9 below; and
- d. If an emergency or unanticipated event or closing interrupts or suspends the County's normal business operations so that Bids cannot be received by the exact time specified in the Solicitation, then the due date/time specified for receipt of Bids will be deemed to be extended to the same time of day specified in the Solicitation on the first work day on which normal County business operations resume.

**9. WITHDRAWAL OF BIDS:**

- a. Pursuant to Virginia Code § 2.2-4330, a Bidder for a public construction contract, other than a contract for construction or maintenance of public highways, may withdraw his Bid from consideration if the price bid was substantially lower than the other Bids due solely to a mistake in the Bid, provided the Bid was submitted in good faith, and the mistake was a clerical mistake as opposed to a judgment mistake, and was actually due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of a Bid, which unintentional arithmetic error or unintentional omission can be clearly shown by objective evidence drawn from inspection of original work papers, documents and materials used in the preparation of the Bid sought to be withdrawn.

If a Bid contains both clerical and judgment mistakes, a Bidder may withdraw his Bid from consideration if the price bid would have been substantially lower than the other Bids due solely to the clerical mistake, that was an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of a Bid that shall be clearly shown by objective evidence drawn from inspection of original work papers, documents and materials used in the preparation of the Bid sought to be withdrawn. The Bidder shall give notice in writing to the County of his or her claim of right to withdraw his or her Bid within two (2) business days after the conclusion of the Bid opening procedure and shall submit original work papers with such notice.

- b. A Bidder for a Contract other than for public construction may request withdrawal of his or her Bid under the following circumstances:
  - i. Bids may be withdrawn on written request from the Bidder received at the address shown in the Solicitation prior to the time of opening.
  - ii. Requests for withdrawal of Bids after opening of such Bids but prior to award shall be transmitted to the County, in writing, accompanied by full documentation supporting the request. If the request is based on a claim of error, documentation must show the basis of the error. Such documentation may take the form of supplier quotations, Bidder work sheets, etc. If Bid bonds were tendered with the Bid, the County may exercise its right of collection.
- c. No Bid may be withdrawn under this Section 9 when the result would be the awarding of the Contract on another Bid of the same Bidder or of another Bidder in which the ownership of the withdrawing Bidder is more than five percent (5%).
- d. If a Bid is withdrawn under the authority of this Section 9 the lowest remaining Bid shall be deemed to be the low Bid.
- e. No Bidder who, is permitted to withdraw a Bid shall, for compensation, supply any material or labor to or perform any subcontract or other work agreement for the person or firm to whom the Contract is awarded or otherwise benefit, directly or indirectly, from the performance of the project for which the withdrawn Bid was submitted.
- f. The County shall notify the Bidder in writing within five (5) business days of its decision regarding the Bidder's request to withdraw its Bid. If the County denies the withdrawal of a Bid under the provisions of this Section 9, it shall State in such notice the reasons for its decision and award the Contract to such Bidder at the Bid price, provided such Bidder is a responsible and responsive Bidder. At the same time that the notice is provided, the County shall return all work papers and copies thereof that have been submitted by the Bidder.

- g. Under these procedures, a mistake shall be proved only from the original work papers, documents and materials delivered as required herein. The work papers, documents and materials submitted by the bidder shall, at the bidder's request, be considered trade secrets or proprietary information subject to the conditions of subsection F of Virginia Code § 2.2-4342.

**10. ERRORS IN BIDS:** When an error is made in extending total prices, the unit Bid price will govern. Erasures in Bids must be initialed by the Bidder. Carelessness in quoting prices, or otherwise in preparation of the Bid, will not relieve the Bidder. Bidders/Offerors are cautioned to recheck their Bids for possible error. Errors discovered after public opening cannot be corrected and the Bidder will be required to perform if his or her Bid is accepted.

**11. IDENTIFICATION ON BID ENVELOPE:** All Bids, Proposals and requested copies thereof submitted to the County shall be in a separate envelope or package, sealed and identified with the following information clearly marked on the outside of the envelope or package:

- a. Addressed as indicated on page 1 of the solicitation;
- b. Solicitation number;
- c. Title;
- d. Bid due date and time;
- e. Bidder's name and complete mailing address (return address); and
- f. Pursuant to Virginia Code § 2.2-4311.2, the Bidder's identification number issued by the State Corporation Commission, or if the bidder is not required to be authorized to transact business in the Commonwealth as a foreign business entity under Title 13.1 or Title 50 or as otherwise required by law shall include in its bids or proposal a statement describing why the bidder or offeror is not required to be so authorized.

If a Bid is not addressed with the information as shown above, the Bidder takes the risk that the envelope may be inadvertently opened and the information compromised, which may cause the Bid to be disqualified. Bids may be hand delivered to the designated location in the County's offices. No other correspondence or other Proposals/Bids should be placed in the envelope. Any Bidder or Offeror that fails to provide the information required in (f) above shall not receive an award unless a waiver is specifically granted by the County Administrator.

**12. ACCEPTANCE OF BIDS:** Unless otherwise specified, all formal Bids or Proposals submitted shall be valid for a minimum period of one hundred twenty (120) calendar days following the date established for opening or receipt, respectively, unless extend by mutual agreement of the parties. At the end of the one hundred twenty (120) calendar days the Bid/Proposal may be withdrawn at the written request of the Bidder. Thereafter, unless and until the Proposal is withdrawn, it remains in effect until an award is made or the Solicitation is canceled by the County. The County may cancel any Solicitation at any time by notice of such cancelation to the Bidders.

- 13. COMPLETENESS:** To be responsive, a Bid must include all information required by the Solicitation.
- 14. CONDITIONAL BIDS:** Conditional Bids are subject to rejection in whole or in part.
- 15. RESPONSE TO SOLICITATIONS:** In the event a Bidder cannot submit a Bid on a Solicitation, the Bidder is requested to return the Solicitation cover sheet with an explanation as to why the Bidder is unable to Bid on these requirements, or if there be no cover sheet for the Solicitation a letter to the County explaining the same.
- 16. BIDDER INTERESTED IN MORE THAN ONE BID AND COLLUSION:** More than one bid from an individual, firm, partnership, corporation or association under the same or different name will be rejected. Reasonable grounds for believing that a bidder is interested in more than one bid for the work contemplated will cause rejection of all bids in which the bidder is interested. Any or all bids may be rejected if there is any reason for believing that collusion exists among the bidders. Participants in such collusion may not be considered in future bids for the same work. Each bidder, as a condition of submitting a bid, shall certify that he is not a party to any collusive action as herein defined. However, a party who has quoted prices on work, materials, or supplies to a Bidder is not thereby disqualified from quoting prices to other Bidders or firms submitting a Bid directly for the work, materials or supplies.
- 17. BID OPENING:** Pursuant to Virginia Code § 2.2-4301, all Bids received in response to an IFB will be opened at the date, time and place specified, and announced publicly, and made available for inspection as provided in Section 21 of these General Conditions. Proposals received in response to an RFP will be made available for inspection as provided in Section 21 of these General Conditions.
- 18. TAX EXEMPTION:** The County is exempt from the payment of any federal excise or any Virginia sales tax. The price bid must be net, exclusive of taxes. Tax exemption certificates will be furnished if requested by the Bidder.
- 19. DEBARMENT STATUS:** By submitting their Bids, Bidders certify that they are not currently debarred from submitting Bids on Contracts by the County, nor are they an agent of any person or entity that is currently debarred from submitting Bids or Proposals on Contracts by the County or any agency, public entity/locality or authority of the State.
- 20. NO CONTACT POLICY:** No Bidder shall initiate or otherwise have contact related to the Solicitation with any County representative or employee, other than the Purchasing Officer or Purchasing Agent, after the date and time established for receipt of Bids. Any contact initiated by a Bidder with any County representative, other than the Purchasing Officer or Purchasing Agent, concerning this Solicitation is prohibited and may cause the disqualification of the Bidder.

**21. VIRGINIA FREEDOM OF INFORMATION ACT:** As provided under Virginia Code § 2.2-4342, all proceedings, records, Contracts and other public records relating to procurement transactions shall be open to the inspection of any citizen, or any interested person, firm or corporation, in accordance with the Virginia Freedom of Information Act of Virginia Code §§ 2.2-3700 *et seq.*, except:

- a. Cost estimates relating to a proposed procurement transaction prepared by or for the County shall not be open to public inspection;
- b. Any competitive sealed bidding Bidder, upon request, shall be afforded the opportunity to inspect Bid records within a reasonable time after the opening of Bids but prior to award, except in the event that the County decides not to accept any of the Bids and to reopen the Contract. Otherwise, Bid records shall be open to public inspection only after award of the Contract;
- c. Any competitive negotiation Offeror, upon request, shall be afforded the opportunity to inspect Proposal records within a reasonable time after the evaluation and negotiations of Proposals are completed but prior to award except in the event that the County decides not to accept any of the Proposals and to reopen the Contract. Otherwise, Proposal records shall be open to the public inspection only after award of the Contract;
- d. Any inspection of procurement transaction records under this Section 21 shall be subject to reasonable restrictions to ensure the security and integrity of the records;
- e. Trade secrets or proprietary information submitted by a Bidder, Offeror or Contractor in connection with a procurement transaction shall not be subject to public disclosure under the Virginia Freedom of Information Act; however, the Bidder, Offeror or Contractor must invoke the protections of this Section 21 prior to or upon submission of the data or other materials, and must identify the data or other materials to be protected and State the reasons why protection is necessary; and
- f. Nothing contained in this Section 21 shall be construed to require the County, when procuring by “competitive negotiation” (RFP), to furnish a Statement of reasons why a particular Proposal was not deemed to be the most advantageous to the County.

**22. CONFLICT OF INTEREST:** Bidder/Contractor certifies by signing any Bid/Contract to/with the County that no conflict of interest exists between Bidder/Contractor and County that interferes with fair competition and no conflict of interest exists between Bidder/Contractor and any other person or organization that constitutes a conflict of interest with respect to the Bid/Contract with the County.

### **SPECIFICATIONS**

**23. OMISSIONS OR DISCREPANCIES:** Any items or parts of any equipment listed in a Solicitation which are not fully described or are omitted from such specification, and which are clearly necessary for the completion of such equipment and its appurtenances, shall be considered a part of such equipment although not directly specified or called for



in the specifications. Should a Bidder find a discrepancy or ambiguity in, or an omission from, the Solicitation, including the drawings and/or specifications, he or she shall so notify the County within twenty-four (24) hours of noting the discrepancy, ambiguity or omission and in any event no less than five (5) days prior to the date set for the opening of Bids. If necessary, the County will send a written addendum for clarification to all Bidders no later than three (3) days before the date set for opening of Bids. Any notification regarding specifications received less than five (5) days prior to the date set for the opening of Bids may or may not be considered by the County in its sole discretion. The Bidder shall abide by and comply with the true intent of the specifications and not take advantage of any unintentional error or omission, but shall fully complete every part as the true intent and meaning of the specifications and drawings. Whenever the mention is made of any articles, material or workmanship to be in accordance with laws, ordinances, building codes, underwriter's codes, A.S.T.M. regulations or similar expressions, the requirements of these laws, ordinances, etc., shall be construed as to the minimum requirements of these specifications.

**24. BRAND NAME OR EQUAL ITEMS:** Pursuant to Virginia Code § 2.2-4315, unless otherwise provided in the Solicitation, the name of a certain brand, make or manufacturer does not restrict Bidders to the specific brand, make or manufacturer named; it conveys the general style, type, character, and quality of the article desired, and any article which the County in its sole discretion determines to be the equal of that specified, considering quality, workmanship, economy of operation, and suitability for the purpose intended, shall be accepted. The Bidder is responsible to clearly and specifically indicate the product being offered and to provide sufficient descriptive literature, catalog cuts and technical detail to enable the County to determine if the product offered meets the requirements of the Solicitation. This is required even if offering the exact brand, make or manufacturer specified. Normally in competitive sealed bidding, only the information furnished with the Bid will be considered in the evaluation. Failure to furnish adequate data for evaluation purposes may result in declaring a Bid non-responsive. Unless the Bidder clearly indicates in its Bid that the product offered is "equal" product, such Bid will be considered to offer the brand name product referenced in the Solicitation.

**25. FORMAL SPECIFICATIONS:** When a Solicitation contains a specification which states no substitutes, no deviation therefrom will be permitted and the Bidder will be required to furnish articles in conformity with that specification.

**26. CONDITION OF ITEMS:** Unless otherwise specified in the Solicitation, all items shall be new, in first class condition.

## **AWARD**

**27. RESPONSIBLE BIDDERS:** In determining whether a Bidder is a responsible Bidder as defined herein, at minimum, the following criteria will be considered:

- a. The ability, capacity and skill of the Bidder to perform the Contract or provide the service required under the Solicitation;

- b. Whether the Bidder can perform the Contract or provide the service promptly, or within the time specified, without delay or interference;
- c. The character, integrity, reputation, judgment, experience and efficiency of the Bidder;
- d. The quality of performance of previous Contracts or Services;
- e. The previous and existing compliance by the Bidder with laws and ordinances relating to the Contract or Services;
- f. The sufficiency of the financial resources and ability of the Bidder to perform the Contract or provide the service;
- g. The quality, availability and adaptability of the Goods or Services to the particular use required;
- h. The ability of the Bidder to provide future maintenance and service for the use of the subject of the Contract;
- i. The number and scope of the conditions attached to the Bid;
- j. Whether the Bidder is in arrears to the County on debt or Contract or is a defaulter on surety to the County or whether the Bidder's County taxes or assessments are delinquent; and
- k. Such other information as may be secured by the County, the Purchasing Agent or the Purchasing Officer having a bearing on the decision to award the Contract. If an apparent low Bidder is not awarded a Contract for reasons of nonresponsibility, the County shall so notify that Bidder and shall have recorded the reasons in the Solicitation or Contract file.

**28. AWARD OR REJECTION OF BIDS; WAIVER OF INFORMALITIES:** The County shall award the Contract to the lowest responsive and responsible Bidder complying with all provisions of the IFB, provided the Bid price is reasonable and it is in the best interest of the County to accept it. Awards made in response to a RFP will be made to the highest qualified Offeror whose Proposal is determined, in writing, to be the most advantageous to the County taking into consideration the evaluation factors set forth in the RFP. The County reserves the right to award a Contract by individual items, in the aggregate, or in combination thereof, or to reject any or all Bids and to waive any informality in Bids received whenever such rejection or waiver is in the best interest of the County. Award may be made to as many Bidders/Offerors as deemed necessary to fulfill the anticipated requirements of the County. The County also reserves the right to reject the Bid if a Bidder is deemed to be a non-responsible Bidder. Pursuant to Virginia Code § 2.2-4319, an IFB, a RFP, any other solicitation, or any and all bids or proposals, may be canceled or rejected by the County at any time. The reasons for cancellation or rejection shall be made part of the contract file. The County shall not cancel or reject an IFB, a RFP, any other solicitation, bid or proposal solely to avoid awarding a contract to a particular responsive and responsible bidder or offeror.

**29. EXCLUSION OF INSURANCE BIDS PROHIBITED:** Pursuant to Virginia Code § 2.2-4320, notwithstanding any other provision of law or these General Conditions, no insurer licensed to transact the business of insurance in the State or approved to issue surplus lines insurance in the State shall be excluded from presenting an insurance bid proposal to the County in response to a RFP or an IFB; excepting that the County may

debar a prospective insurer pursuant to its Debarment Policy, see Chapter 2 of the County's Procurement Policies and Procedures.

**30. ANNOUNCEMENT OF AWARD:** Upon the award or announcement of the decision to award a Contract as a result of this Solicitation, the County will publicly post such notice on the County's bulletin board located at 72 Main Street, 2<sup>nd</sup> Floor, Palmyra, Virginia 22963. Award results may also be viewed on the County's website.

**31. QUALIFICATIONS OF BIDDERS OR OFFERORS:** The County may make such reasonable investigations as deemed proper and necessary to determine the ability of the Bidder to perform the work/furnish the item(s) and the Bidder shall furnish to the County all such information and data for this purpose as may be requested. The County reserves the right to inspect Bidder's physical facilities prior to award to satisfy questions regarding the Bidder's capabilities. The County further reserves the right to reject any Bid or Proposal if the evidence submitted by or investigations of, such Bidder fails to satisfy the County that such Bidder is properly qualified to carry out the obligations of the Contract and to complete the work/furnish the item(s) contemplated therein.

**32. TIE BIDS AND PREFERENCE FOR VIRGINIA PRODUCTS WITH RECYCLED CONTENT AND FOR VIRGINIA FIRMS:**

- a. Pursuant to Virginia Code § 2.2-4328, in the case of a tie bid on an IFB only, the County may give preference to Goods, Services and construction produced in Fluvanna County or provided by persons, firms or corporations having principal places of business in Fluvanna County. If such choice is not available, preference shall then be given to Goods produced in Virginia, or for goods, services or construction provided by Virginia persons, firms, corporations, pursuant Virginia Code § 2.2-4324. If no County or State choice is available, the tie shall be decided publicly by lot. The decision by the County to make award to one or more such Bidders shall be final.
- b. Whenever the lowest responsive and responsible bidder is a resident of any other state and such state under its laws allows a resident contractor of that state a percentage preference, a like preference shall be allowed to the lowest responsive and responsible bidder who is a resident of Virginia and is the next lowest bidder. If the lowest responsive and responsible bidder is a resident of any other state and such state under its laws allows a resident contractor of that state a price-matching preference, a like preference shall be allowed to responsive and responsible bidders who are residents of Virginia. If the lowest bidder is a resident contractor of a state with an absolute preference, the bid shall not be considered. The Department of General Services shall post and maintain an updated list on its website of all states with an absolute preference for their resident contractors and those states that allow their resident contractors a percentage preference, including the respective percentage amounts. For purposes of compliance with this Section 32, the County may rely upon the accuracy of the information posted on this website.
- c. Notwithstanding the provisions of subsections a and b, in the case of a tie bid in instances where goods are being offered, and existing price preferences have

already been taken into account, preference shall be given to the bidder whose goods contain the greatest amount of recycled content.

- d. For the purposes of this Section 32, a Virginia person, firm or corporation shall be deemed to be a resident of Virginia if such person, firm or corporation has been organized pursuant to Virginia law or maintains a principal place of business within Virginia.

**33. NEGOTIATION WITH LOWEST RESPONSIBLE BIDDER:** Pursuant to Virginia Code § 2.2-4318, unless cancelled or rejected, a responsive Bid from the lowest responsible Bidder shall be accepted as submitted, except that if the Bid from the lowest responsible Bidder exceeds available funds, the County may negotiate with the apparent low Bidder to obtain a Contract price within available funds. However, the negotiation may be undertaken only under conditions and procedures described in writing and approved by the County prior to issuance of the IFB and summarized therein.

### **CONTRACT PROVISIONS**

**34. APPLICABLE LAW AND COURTS:** Any Bid or Contract resulting from a Solicitation and its terms, including, but not limited to, the parties' obligations under it, and the remedies available to each party for breach of it, shall be governed by, construed and interpreted in accordance with the laws of the Commonwealth of Virginia, and exclusive jurisdiction and venue of any dispute or matters involving litigation between the parties hereto shall be in the courts of Fluvanna County, Virginia. Any jurisdiction's choice of law, conflict of laws, rules, or provisions, including those of the Commonwealth of Virginia, that would cause the application of any laws other than those of the Commonwealth of Virginia, shall not apply. The Contractor shall comply with applicable federal, State and local laws, ordinances, rules and regulations in performance of the Contract.

**35. PROVISION AND OWNERSHIP OF INFORMATION:** The County shall make a good faith effort to identify and make available to the Contractor all non-confidential technical and administrative data in the County's possession which the County may lawfully release including, but not limited to Contract specifications, drawings, correspondence, and other information specified and required by the Contractor and relating to its work under any Contract. The County reserves its rights of ownership to all material given to the Contractor by the County and to all background information documents, and computer software and documentation developed by the Contractor in performing any Contract.

**36. DOCUMENTS:** All documents, including but not limited to data compilations, drawings, reports and other material, whether in hard copy or electronic format, prepared, developed or furnished by the Contractor pursuant to any Contract shall be the sole property of the County. At the direction of the County, the Contractor shall have the right to make copies of the documents produced available to other parties. The County shall be entitled to delivery of possession of all documents, upon payment in accordance with the terms of any Contract for the service incurred to produce such documents.

**37. CONFIDENTIALITY:** Contractor shall not publish, copyright or otherwise disclose or permit to be disclosed or published, the results of any work performed pursuant to this contract, or any particulars thereof, including forms or other materials developed for the County in connection with the performance by Contractor of its services hereunder, without prior written approval of the County. Contractor, cognizant of the sensitive nature of much of the data supplied by the County, shall not disclose any information (other than information which is readily available from sources available to the general public) obtained by it in the course of providing services hereunder without the prior written approval of the County, unless disclosure of such information by it is required by law, rule or regulation or the valid order of a court or administrative agency.

**38. INDEPENDENT CONTRACTOR:** The Contractor and any agents, or employees of the Contractor, in the performance of any Contract shall act as an independent contractor and not as officers, employees or agents of the County.

**39. INSURANCE:** The Contractor agrees that, during the period of time it renders services to the County pursuant to any Contract, it shall carry (and provide the County with evidence of coverage) the following minimum amounts of insurance:

Automobile	\$500,000	Liability Medical Payment Comprehensive Collision
Public Liability	\$1,000,000	
Professional Liability	\$1,000,000	
Excess Liability	\$2,000,000	Aggregate Over Above Policy Limits (Excluding Professional Liability)
Worker's Compensation	Amount required by Virginia law	

The Contract may specifically require the Contractor to carry higher minimum amounts of insurance.

In addition, the Contractor shall require, and shall include in every subcontract, that any subcontractor providing any goods or services related to such Contract obtain, and continue to maintain for the duration of the work, workers' compensation coverage in the amount required by Virginia law.

**40. KEY PERSONNEL:** For the duration of any Contract, the Contractor shall make no substitutions of key personnel unless the substitution is necessitated by illness, death, or termination of employment, or as expressly approved by the County. The Contractor

shall notify the County within five (5) calendar days after the occurrence of any of these events and provide the information required by the paragraph below.

The Contractor shall provide a detailed explanation of the circumstances necessitating any proposed substitution, complete resumes for the proposed substitute, and any additional information requested by the County. The proposed substitute should have comparable qualifications to those of the person being replaced. The County will notify the Contractor within fifteen (15) calendar days after receipt of all required information of its approval or disapproval of the proposed substitution.

- 41. SEVERABILITY:** If any term, covenant or provision of these General Conditions or any Contract shall be held to be invalid, illegal or unenforceable in any respect, these General Conditions and any Contract shall remain in effect and be construed without regard to such provision.
- 42. TITLES:** The titles and section headings herein and in any Contract are inserted solely for convenience and are not to be construed as a limitation on the scope of the provisions to which they refer.
- 43. ATTORNEYS' FEES:** In the event of a dispute between the County and Contractor under any Contract which cannot be amicably resolved, in addition to all other remedies, the party substantially prevailing in any litigation shall be entitled to recover its reasonable expenses, including, but not limited to, reasonable attorneys' fees.
- 44. NO WAIVER:** Neither any payment for, nor acceptance of, the whole or any part of the services by the County, nor any extension of time, shall operate as a waiver of any provision of any Contract, nor of any power herein reserved to the County, or any right to damages herein provided, nor shall any waiver of any breach of any Contract be held to be a waiver of any other or subsequent breach. Failure of the County to require compliance with any term or condition of any Contract shall not be deemed a waiver of such term or condition or a waiver of the subsequent enforcement thereof.
- 45. NO FINANCE CHARGES:** No finance charges shall be paid by the County.
- 46. ANTITRUST:** By entering into a Contract, the Contractor conveys, sells, assigns, and transfers to the County all rights, title and interest in and to all causes of the action it may now have or hereafter acquire under the antitrust law of the United States or the State, relating to the particular Goods or Services purchased or acquired by the County under said Contract. Consistent and continued tie bidding could cause rejection of Bids by the County and/or investigation for antitrust violations.
- 47. PAYMENT:** Pursuant to Virginia Code § 2.2-4352, unless more time is provided in the Solicitation or Contract, payment will be made forty-five (45) days after receipt by the County of a proper invoice, or forty-five (45) days after receipt of all Goods or acceptance of work, whichever is later. The County reserves the right to withhold any or all payments or portions thereof for Contractor's failure to perform in accordance with the

provision of the Contract or any modifications thereto. Within twenty (20) days of receipt of proper invoice or of goods or services, the County shall notify the Contractor if any defect or impropriety that would prevent payment by the payment date. The following provisions apply to such payments:

- a. Invoices for items/Services ordered, delivered/performed and accepted shall be submitted by the Contractor in duplicate directly to the payment address shown on the purchase order, Solicitation or Contract, as applicable. All invoices shall show the Contract number, purchase order number, or Solicitation number, as applicable, and as required under Virginia Code § 2.2-4354, either the individual Contractor's social security number or the Contractor's federal employer identification number, whichever is applicable.
- b. Any payment terms requiring payment in less than forty-five (45) days will be regarded as requiring payment forty-five (45) days after receipt of proper invoice or receipt of all Goods or acceptance of work, whichever occurs later. Notwithstanding the foregoing, offers of discounts for payment in less than forty-five (45) days are valid and enforceable.
- c. Pursuant to Virginia Code § 2.2-4353, the date any payment shall be deemed the date of postmark in all cases where payment is made by mail.
- d. The County's fiscal year is July 1 to June 30. Contractors are advised to submit invoices, especially for Goods and/or Services provided in the month of June, for the entire month (i.e. June 1 - June 30), so that expenses are recognized in the appropriate fiscal year.
- e. Any payment made by the Contractor to the County shall only be made in U.S. Dollars. If payment is received in foreign currency the County may, in its sole discretion, reject such payment and require immediate compensation in U.S. Dollars.

**48. SUBCONTRACTORS:** Pursuant to Virginia Code § 2.2-4354, in the event that any subcontractors are used by Contractor in connection with the work, Contractor shall:

- a. Within seven (7) days after receipt of amounts paid to the Contractor for work performed by a subcontractor, either:
  - i. Pay the subcontractor for the proportionate share of the total payment received attributable to the work performed by the subcontractor under any Contract; or
  - ii. Notify the County and subcontractor, in writing, of his intention to withhold all or a part of the subcontractor's payment with the reason for nonpayment.

- b. Contractor shall require each subcontractor to provide either (i) for an individual, their social security numbers, or (ii) for proprietorships, partnerships, and corporations to provide their federal employer identification numbers.
- c. The Contractor shall pay interest to any subcontractor on all amounts owed by the Contractor that remain unpaid after seven days following receipt by the Contractor of payment from the County for work performed by the subcontractor under any Contract, except for amounts withheld as allowed in subdivision (a)(II) above. Unless otherwise provided under the terms of any Contract, interest shall accrue at the rate of one percent (1%) per month.
- d. The Contractor shall include in each of its subcontracts under any Contract a provision requiring each subcontractor to include or otherwise be subject to the above payment and interest requirements (a), (b) and (c) with respect to each lower tier subcontractor.
- e. The Contractor's obligation to pay an interest charge to a subcontractor pursuant to the payment clause in this Section 48 shall not be construed to be an obligation of the County. No Contract modification may be made for the purpose of providing reimbursement for such interest charge. No cost reimbursement claim may include any amount for reimbursement for such interest charge.

**49. RETAINAGE ON CONSTRUCTION CONTRACTS:** Pursuant to Virginia Code 2§ 2.2-4333, if a Contract for construction provides for progress payments in installments based upon an estimated percentage of completion, then the contractor shall be paid at least ninety-five percent (95%) of the earned sum when payment is due, with no more than five percent (5%) being retained to ensure faithful performance of the contract. All amounts withheld may be included in the final payment. Any subcontract related to work on a Contract that provides for similar progress payments shall be subject to the provisions above and the Contractor agrees to include such provisions in every subcontract.

**50. SUCCESSORS AND ASSIGNS:** The County and the Contractor bind themselves and their respective successors and assigns to any Contract. The foregoing notwithstanding, the Contractor shall not assign, sublet or transfer its interest in any Contract without the prior written consent of the County, which may be granted or withheld in the County's sole discretion. Nothing hereinafter mentioned shall be construed as creating any personal liability on the part of any officer, agent or employee of the County, nor shall it be construed as giving any benefits hereunder to anyone other than the County and the Contractor.

**51. DEFAULT:** Failure of a Contractor to deliver Goods or Services in accordance with Contract terms and conditions and/or within the time specified, or within reasonable time as interpreted by the County in its sole discretion, or failure to make replacements/corrections of rejected articles/services when so requested, immediately or as directed by the County, or failure of the Contractor to act in accordance with the Contract in any material respect, as reasonably determined by the County, shall constitute



a “default” by the Contractor and shall further authority for the County to purchase in the open market articles/services of comparable grade/quality to replace the services, articles rejected, and/or not delivered. On all such purchases, the Contractor shall reimburse the County, within a reasonable time specified by the County, for any expense incurred in excess of Contract prices including, but not limited to, any purchase and administrative costs. Such purchases shall be deducted from the Contract quantities, if applicable. Should public necessity demand it, the County reserves the right to use or consume articles delivered or services performed which are substandard in quality, subject to an adjustment in price to be determined by the County. In case of any default, the County, after due oral or written notice if required in accordance with the Contract, may terminate the Contract at its option in its sole discretion effective immediately. These remedies shall be in addition to any other remedies which the County may have, including but not limited to, any remedies at law, under the Contract or in equity.

Notwithstanding the foregoing, the Contractor shall not be liable for damages for delay in shipment or failure to deliver when such delay or failure is the result of fire, flood, strike, act of God, act of Government, act of an alien enemy or by any other circumstances which, in the County's opinion, are beyond the control of the Contractor. Under such circumstances, however, the County may, at its sole discretion, terminate or cancel the Contract effective immediately.

**52. NON-DISCRIMINATION ASSURANCES:** The Contractor shall conform to the provisions of the Federal Civil Rights Act of 1964, as amended, as well as the Virginia Fair Employment Act of 1975, as amended, where applicable, and § 2.2-4311 of the Virginia Procurement Act:

- a. During the performance of any Contract, the Contractor agrees as follows: the Contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, disability, or other basis prohibited by state law relating to discrimination in employment, except where there is a bona fide occupational qualification reasonably necessary to the normal operation of the Contractor. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause. The Contractor, in all Solicitations or advertisements for employees placed by or on behalf of the Contractor, will state that such Contractor is an equal opportunity employer. Notices, advertisements and Solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this Section 52.
- b. The Contractor shall include the provisions of paragraph (a) above in every subcontract or purchase over \$10,000.00 so that the provisions will be binding upon each subcontractor or Vendor.

**53. MODIFICATION:**

- a. Pursuant to Virginia Code § 2.2-4309, these General Conditions and any Contract entered into by the County and any Contractor shall not be subject to change, modification, or discharge except by written instrument signed by the County and Contractor, but no fixed-price contract may be increased by more than twenty-five percent (25%) of the amount of the contract or \$50,000, whichever is greater, without the advance written approval of the County's Board. In no event may the amount of any contract, without adequate consideration, be increased for any purpose, including, but not limited to, relief of an offeror from the consequences of an error in its bid or offer.
- b. The County may, but is not obligated to, extend the term of an existing contract for services to allow completion of any work undertaken but not completed during the original term of the contract.
- c. Nothing in this Section 53 shall prevent the County from placing greater restrictions on contract modifications.

**54. INDEMNIFICATION:** Contractor agrees to indemnify, keep and save harmless the County, its officers, agents, officials, employees and volunteers against any and all claims, claims of injuries, death, damage to property, patent claims, suits, liabilities, judgments, losses, costs and expenses, including but not limited to costs of investigation, all reasonable attorneys' fees (whether or not litigation results), and the cost of any appeal, occurring or arising in connection with the Contractor's, its agents', subcontractors', employees', or volunteers' negligence or wrongful acts or omissions in connection with its performance of any Contract. The Contractor shall, at his or her own expense, appear, defend and pay all charges of attorneys and all costs and other expenses arising therefrom or incurred in connection therewith; and if any judgment shall be rendered against the County in any such action, the Contractor shall, at his or her own expenses, satisfy and discharge the same. Contractor expressly understands and agrees that any performance bond or insurance protection required by any Contract, or otherwise provided by the Contractor, shall in no way limit the responsibility to indemnify, keep and save harmless and defend the County as herein provided. Nothing contained in this Solicitation or the Contract shall be deemed to be a waiver of the County's sovereign immunity.

**55. DRUG-FREE WORKPLACE:** Pursuant to Virginia Code § 2.2-4312, in every Contract over \$10,000.00 the following provisions apply: During the performance of any Contract, the Contractor agrees to (i) provide a drug-free workplace for the Contractor's employees; (ii) post in conspicuous places, available to employees and applicants for employment, a Statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the Contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition; (iii) state in all Solicitations or advertisements for employees placed by or on behalf of the Contractor that the Contractor maintains a drug-free workplace; and (iv) include the provisions of the

foregoing clauses in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.

For the purposes of this Section, “*drug-free workplace*” means a site for the performance of work done in connection with a specific Contract awarded to a Contractor in accordance with this the VPPA and the County’s Procurement Procedures, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the Contract.

**56. TERMINATION:** Contracts will remain in force for full periods specified and/or until all articles ordered before date of termination shall have been satisfactorily delivered and accepted and thereafter until all requirements and conditions shall have been met, unless:

- a. Terminated prior to expiration date by satisfactory deliveries of entire Contract requirements;
- b. Terminated by the County upon thirty (30) days written notice to the Contractor at the County’s convenience in the County’s sole discretion (“termination for convenience”), unless a termination for convenience is specifically and expressly prohibited by the Contract. Any Contract cancellation notice shall not relieve the Contractor of the obligation to deliver and/or perform on all outstanding orders issued prior to the effective date of the termination;
- c. Terminated by the County for cause, default or negligence on the part of the Contractor. However, pursuant to Section 51 of these General Conditions, the County may hold the Contractor responsible for any resulting additional purchase and administrative costs. There is no advance notice requirement in the event of Termination for Cause and termination is effective immediately upon notice to Contractor of the termination for cause;
- d. Extended upon written authorization of County and accepted by Contractor, to permit ordering of unordered balances or additional quantities at Contract prices and in accordance with Contract terms.

**57. APPROPRIATIONS:** Notwithstanding any other provision of any Contract, the payment of the County's obligations under any Contract shall be subject to annual appropriations by the Board of Supervisors of the County in each fiscal year of monies sufficient to satisfy the same.

**58. REFERENCES TO VIRGINIA LAW:** Any reference in these General Conditions to the Code of Virginia or other relevant Federal, State or local law is incorporated in whole herein by reference as in effect at the time of the Solicitation or Contract as such statutory provisions may be amended or replaced by any statute dealing with the same or similar subject matter.

**59. COOPERATIVE PROCUREMENT:** Except as prohibited by the current Code of Virginia, all resultant Contracts will be extended to other Public Bodies of the Commonwealth of Virginia, to permit their ordering of Goods, supplies and/or Services at the prices and terms of the resulting Contract (“cooperative procurement”). By submitting any Bid or entering into any Contract with the County a Bidder/Contractor expressly authorizes cooperative procurement under Virginia Code § 2.2-4304 to the full extent permitted by law. If any other public body decides to use any Contract, the Contractor must deal directly with that public body concerning all matters relating thereto, including but not limited to, the placement or orders, issuance of the purchase order, contractual disputes, invoicing and payment. The County acts only as the “Contracting Agent” for these public bodies. Any resulting contract with other public bodies shall be governed by the laws of that specific entity. It is the Contractor’s responsibility to notify the public bodies of the availability of the Contract. Fluvanna County shall not be held liable for any direct or indirect costs, damages or other claim of any kind incurred by another public body or any Contractor as a result of any cooperative procurement.

**60. AUDIT:** The Contractor hereby agrees to retain all books, records and other documents relative to any Contract for five (5) years after final payment, or until audited by the County, whichever is sooner. The County, its authorized agents, and/or County auditors shall have full access to and right to examine any of said materials during said period.

**61. GUARANTIES AND WARRANTIES:** All guarantees, representations and warranties required shall be furnished by the Contractor and shall be delivered to the Purchasing Agent before final payment on any Contract is made. In addition to any guarantees, representations and warranties required under the Contract, the Contractor agrees to:

- a. Save the County, its agents and employees harmless from liability of any nature or kind for the use of any copyrighted or un-copyrighted composition; secret process, patented or unpatented; invention; article or appliance furnished or used in the performance of a Contract for which the Contractor is not the patentee, assignee, licensee or owner;
- b. Protect the County against latent defective material or workmanship and to repair or replace any damages or marring occasioned in transit or delivery;
- c. Furnish adequate protection against damage to all work and to repair damages of any kind to the building or equipment, to the Contractor’s own work or to the work of other contractors, for which the Contractor’s workers are responsible;
- d. Pay for all permits, licenses and fees and give all notices and comply with all laws, ordinances, rules and regulations of the County; and
- e. Protect the County from loss or damage to County owned property while it is in the custody of the Contractor;

- f. At minimum supply all Goods or Services with the manufacturer's standard warranty, if applicable; and
- g. For any Contract involving Services of any nature, the Contractor further agrees to:
  - i. Enter upon the performance of Services with all due diligence and dispatch, assiduously press to its complete performance, and exercise therein the highest degree of skill and competence;
  - ii. Allow Services to be inspected or reviewed by an employee of the County at any reasonable time and place selected by the County;
  - iii. Acknowledges that the County shall be under no obligation to compensate Contractor for any Services not rendered in strict conformity with the Contract; and
  - iv. Stipulates that the presence of a County Inspector shall not lessen the obligation of the Contractor for performance in accordance with the Contract requirements, or be deemed a defense on the part of the Contractor for infraction thereof. The Inspector is not authorized to revoke, alter, enlarge, relax, or release any of the requirements of any Contract. Any omission or failure on the part of the Inspector to disapprove or reject any work or material shall not be construed to be an acceptance of any such defective work or material.

**62. PRICE REDUCTIONS:** If at any time after the date of the Bid/Contract the Contractor makes a general price reduction in the comparable price of any material covered by the Contract to customers generally, an equivalent price reduction based on similar quantities and/or considerations shall apply to any Contract for the duration of the Contract period (or until the price is further reduced). Such price reduction shall be effective at the same time and in the same manner as the reduction in the price to customers generally. For purpose of this provision, a "general price reduction" shall mean any horizontal reduction in the price of an article or service offered (1) to Contractor's customers generally, or (2) in the Contractor's price schedule for the class of customers, i.e., wholesalers, jobbers, retailers, etc., which was used as the basis for bidding on this Solicitation. An occasional sale at a lower price, or sale of distressed merchandise at a lower price, would not be considered a "general price reduction" under this provision. The Contractor shall submit his or her invoice at such reduced prices indicating on the invoice that the reduction is pursuant to the "Price Reduction" provision of the Contract documents. The Contractor in addition will within ten (10) days of any general price reduction notify the County of such reduction by letter. **FAILURE TO DO SO IS A DEFAULT UNDER THE CONTRACT AND MAY RESULT IN TERMINATION OF THE CONTRACT IN THE COUNTY'S DISCRETION.** The Contractor, if requested, shall furnish, within ten (10) days after the end of the Contract period, a statement certifying either (1) that no general price reduction, as defined above, was made after the date of the Bid or Contract, or (2) if any such general price reductions were made, that as provided above, they were reported to the County within ten (10) days and the County was billed at the reduced prices. Where one or more such general price reductions were made, the statement furnished by

the Contractor shall include with respect to each price reduction (1) the date when notice of any such reduction was issued, (2) the effective date of the reduction, and (3) the date when the County was notified of any such reduction.

**63. COMPLIANCE WITH IMMIGRATION LAW:** Pursuant to Virginia Code § 2.2-4311.1, in every Contract the following provision applies: the Contractor does not, and shall not during the performance of the Contract, knowingly employ an unauthorized alien as defined in the federal Immigration Reform and Control Act of 1986.

**64. VIRGINIA STATE CORPORATION COMMISSION:** Pursuant to Virginia Code § 2.2-4311.2, Any Bidder or Contractor organized as a stock or non-stock corporation, limited liability company, business trust, or limited partnership or registered as a registered limited liability partnership shall be authorized to transact business in the Commonwealth as a domestic or foreign business entity if so required by Title 13.1 or Title 50 of the Code of Virginia, or as otherwise required by law, at the time of the Bid, Proposal or any response to Solicitation and during the term of the Contract and any Contract renewal. The Contractor shall not allow its existence to lapse or its certificate of authority or registration to transact business in the Commonwealth, if so required, to be revoked or cancelled at any time during the term or any renewal of the Contract. If the Contractor fails to remain in compliance with the provisions of this Section 64, the Contract may become void at the option of the County.

**65. CLAIMS PROCEDURE:**

- a. The procedure for consideration by the County of contractual claims for any Contract shall be that set forth in Virginia Code § 15.2-1243, *et seq.*
- b. In addition, pursuant to Virginia Code § 2.2-4364, contractual claims, whether for money or other relief, shall be submitted in writing to the County Administrator no later than sixty (60) days after final payment; however, written notice of the Contractor's intention to file such claim shall have been given at the time of the occurrence or beginning of the work upon which the claim is based. Nothing herein shall preclude a Contract from requiring submission of an invoice for final payment within a certain time after completion and acceptance of the work or acceptance of the Goods. Pendency of claims shall not delay payment of amount agreed due in the final payment.
- c. No written decision denying a claim or addressing issues related to the claim shall be considered a denial of the claim unless the written decision is signed by the Board or the County Administrator. The contractor may not institute legal action prior to receipt of the final written decision on the claim unless the County fails to render a decision within ninety (90) days of submission of the claim. Failure of the County to render a decision within ninety (90) days shall not result in the contractor being awarded the relief claimed or in any other relief or penalty. The sole remedy for the County's failure to render a decision within 90 days shall be the contractor's right to institute immediate legal action.

- d. A Contractor may not institute legal action, prior to receipt of the County's decision on the claim, unless the County fails to render such decision within the time specified by law. A failure by the County to render a decision within the time provided by law shall be deemed a final decision denying the claim by the County.
- e. The decision of the Board or the County Administrator shall be final and conclusive unless the Contractor appeals within six (6) months of the date of the final written decision by instituting legal action as provided in Virginia Code § 2.2-4364.
- f. No administrative appeals procedure pursuant to Virginia Code § 2.2-4365 has been adopted for contractual claims by the County.
- g. Nothing herein shall be construed to prevent the County from instituting legal action against any Contractor or Bidder.

**66. NOTICES:** All written notices required or permitted under any Solicitation, Bid or Contract shall be deemed sufficient if delivered in person to the County Purchasing Agent or Bidder/Contractor, as applicable, or sent by first class mail to the County or Bidder/Contractor at the addresses set forth in the Solicitation, Bid or Contract or at such other address as a party may designate from time to time by notice given in accordance with the terms of this Section 66; except that where a Solicitation, Bid or Contract expressly requires notice to a specific individual or at a specific location, such shall control. Such notices are deemed received when actually delivered to the party or its representative or agent if hand delivered, or one (1) business day after deposited into the United States mail, if mailed.

#### **DELIVERY**

**67. SHIPPING INSTRUCTIONS-CONSIGNMENT:** Unless otherwise specified in the Solicitation or Contract, as applicable, each case, crate, barrel, package, etc., delivered under the Contract must be plainly stenciled or securely tagged, stating the Contractor's name, purchase order number, and delivery address as indicated in the order. Where shipping containers are to be used, each container must be marked with the purchase order number, name of the Contractor, the name of the item, the item number, and the quantity contained therein. Deliveries must be made within the hours of 8:00 a.m. – 3:00 p.m. Deliveries at any other time will not be accepted unless specific arrangements have been previously made with the designated individual at the delivery point. No deliveries will be accepted on Saturdays, Sundays and holidays unless previous arrangements have been made. It shall be the responsibility of the Contractor to insure compliance with these instructions for items that are drop-shipped.

**68. RESPONSIBILITY FOR SUPPLIES TENDERED:** The Contractor shall be responsible for the materials or supplies covered by the Contract until they are delivered

at the designated point. The Contractor shall additionally bear all risk on rejected materials or supplies after notice of rejection is tendered by the County. Rejected materials or supplies must be removed by and at the expense of the Contractor promptly after notification of rejection, unless public health and safety require immediate destruction or other disposal of rejected delivery. If rejected materials are not removed by the Contractor within ten (10) days after date of notification, the County may return the rejected materials or supplies to the Contractor at the Contractor's risk and expense or dispose of them as abandoned property.

- 69. INSPECTIONS:** The County reserves the right to conduct any test/inspection it may deem advisable to assure supplies and Services conform to the specification in the Solicitation, Bid or Contract, as applicable. Inspection and acceptance of materials or supplies will be made after delivery at destinations herein specified unless otherwise stated. Unless otherwise specified in the Contract, if inspection is made after delivery at the destination specified, the County will bear the expense of inspection except for the value of samples used in case of rejection. Final inspection shall be conclusive except in regard to latent defects, fraud or such gross mistakes as to amount to fraud. Final inspection and acceptance or rejection of the materials or supplies will be made as promptly as practicable, but failure to inspect and accept or reject materials or supplies shall not impose liability on the County for such materials or supplies as are not in accordance with the specifications.
- 70. COMPLIANCE:** Delivery must be made as ordered and in accordance with the Solicitation, Bid or Contract, as applicable, or as directed by the County when not in conflict with the Bid/Contract. The decision as to reasonable compliance with delivery terms shall be final. Burden of proof of delay in receipt of Goods by the purchaser shall rest with the Contractor. Any request for extension of time of delivery from that specified must be approved by the County, such extension applying only to the particular item or shipment affected. Unless otherwise specified in the Contract, should the Contractor be unreasonably delayed by the County, there shall be added to the time of completion a time equal to the period of such delay caused by the County. However, the Contractor shall not be entitled to claim damages or extra compensation for such delay or suspension. These conditions may vary for construction Contracts.
- 71. POINT OF DESTINATION:** All materials shipped to the County must be shipped F.O.B. DESTINATION unless otherwise stated specifically in the Solicitation, Bid or Contract, as applicable. The materials must be delivered to the "Ship To" address indicated on the purchase order or Solicitation, as applicable.
- 72. REPLACEMENT:** Materials or components that have been rejected by the County, in accordance with the terms of the Contract, shall be replaced by the Contractor at no cost to the County.
- 73. DAMAGES:** Any and all damages to property of the "County" that is the direct result of the Contractor, the employees of the Contractor and/or its subcontractors, agents, licensees, successors, or assigns, shall be the sole responsibility of the Contractor. The



property shall be repaired to its last known condition prior to the damages and/or replaced at no cost to the County. The County shall approve any and all repairs/replacements prior to acceptance of the repairs/replacement.

**74. PACKING SLIPS OR DELIVERY TICKETS:** All shipments shall be accompanied by Packing Slips or Delivery Tickets and shall contain the following information for each item delivered:

- a. Purchase Order Number;
- b. Name of Article and Stock Number;
- c. Quantity Ordered;
- d. Quantity Shipped;
- e. Quantity Back Ordered; and
- f. The Name of the Contractor.

Contractors are cautioned that failure to comply with these conditions shall be considered sufficient reason for refusal to accept the Goods.

**75. ADDITIONAL CHARGES:** No delivery charges of any kind shall be added to any invoice; except that (i) if Goods are expressly bought F.O.B. "shipping point" under the Contract and the Contractor prepays transportation, then delivery charges shall be added to invoices; and (ii) if express delivery is authorized and substituted by the County on orders for the method specified in the Contract, then the difference between freight or mail and express charges may be added to invoice.

**76. METHOD AND CONTAINERS:** Unless otherwise specified, Goods shall be delivered in commercial packages in standard commercial containers, so constructed as to ensure acceptance by common or other carrier for safe transportation to the point of delivery. Containers become the property of the County unless otherwise specified by bidder.

**Exhibit 10**

**STANDARD PERFORMANCE BOND**

KNOW ALL MEN BY THESE PRESENT:

That , \_\_\_\_\_the Contractor (“Principal”) whose principal place of business is located at \_\_\_\_\_ and \_\_\_\_\_ (“Surety”) are held and firmly bound unto the County of Fluvanna, Virginia, the Owner (“Obligee”) in the amount of Dollars (\$ \_\_\_\_\_), for the payment whereof Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, Principal has by written agreement dated the \_\_\_ day of \_\_\_\_\_, 20\_\_ entered into a contract with Obligee for which contract (the “Contract”) is by reference expressly made a part hereof;

NOW THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if the Principal shall promptly and faithfully perform said Contract in strict conformity with the plans, specifications and conditions of the Contract, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

Provided, that any alterations which may be made in the terms of the Contract, or in the Work to be done under it, or the giving by the Obligee of any extension of the time for the performance of the Contract, or any other alterations, extensions or forbearance on the part of either or both of the Obligee or the Principal to the other shall not in any way release the Principal and the Surety, or either of them, their heirs, executors, administrators, successors or assigns from their liability hereunder, notice to the Surety of any such alterations, extension, or forbearance being hereby waived.

No action shall be brought on this bond unless brought within one year after: (a) completion of the Contract and all Work thereunder, including expiration of all warranties and guarantees, or (b) discovery of the defect or breach of warranty or guarantee if the action be for such. The Surety represents to the Principal and to the Obligee that it is legally authorized to do business in the Commonwealth of Virginia. Exclusive venue and jurisdiction for any dispute arising hereunder shall be in the courts of the County of Fluvanna, Virginia.

Signed and sealed this \_\_\_ day of \_\_\_\_\_, 20\_\_ .

Principal

Surety (must be signed by a Virginia Resident Agent of Surety)

By: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

Approved as to form:

Bond No.: \_\_\_\_\_

**Exhibit 10**

**STANDARD PERFORMANCE BOND**

Fluvanna County Attorney



**FLUVANNA COUNTY BOARD OF SUPERVISORS  
AGENDA ITEM STAFF REPORT**

<b>MEETING DATE:</b>	February 20, 2019				
<b>AGENDA TITLE:</b>	Temporary Staff Compensation for Additional Duties- Payne				
<b>MOTION(s):</b>	<b>I move to approve temporary additional duties pay for Malinda Payne, Administrative Program Specialist, at the rate of \$100 per pay period, retroactive to February 11, 2019, until the Athletics and Special Events Coordinator position is filled, with such funds to come from the FY19 Parks and Recreation Department personnel budget vacancy savings.</b>				
<b>STRATEGIC INITIATIVE?</b>	Yes	No	<b>If yes, list initiative(s):</b>		
		X			
<b>AGENDA CATEGORY:</b>	Public Hearing	Action Matter	Presentation	Consent Agenda	Other
				XX	
<b>STAFF CONTACT(S):</b>	Jessica Rice, Human Resources Manager Aaron Spitzer, Director of Parks and Recreation				
<b>PRESENTER(S):</b>	Aaron Spitzer, Director of Parks and Recreation				
<b>RECOMMENDATION:</b>	I recommend approval of the motion as stated above.				
<b>TIMING:</b>	Effective February 11, 2019				
<b>DISCUSSION:</b>	Ms. Payne has agreed to take on additional duties during the vacancy of the Athletics and Special Events Program Coordinator position. The Athletics position has been vacant since February 12, 2019, and prior to the vacancy Ms. Payne was assisting with event planning and routine athletics scheduling due to ongoing personnel issues. Currently, Parks and Recreation is running winter sports leagues and planning summer programs. Additionally, Ms. Payne will be planning the County's Earth Day event. The temporary additional duties pay will discontinue upon filling the full-time Athletics position.				
<b>FISCAL IMPACT:</b>	\$100 per pay period will come from the FY 19 Parks and Recreation personnel budget vacancy savings.				
<b>POLICY IMPACT:</b>	N/A				
<b>LEGISLATIVE HISTORY:</b>	N/A				
<b>ENCLOSURES:</b>	None				
<b>REVIEWS COMPLETED:</b>	Legal	Finance	Purchasing	HR	Other
		XX		XX	COAD



**FLUVANNA COUNTY BOARD OF SUPERVISORS  
AGENDA ITEM STAFF REPORT**

<b>MEETING DATE:</b>	February 20, 2018				
<b>AGENDA TITLE:</b>	<b>Dewberry Engineers Inc. – Project Agreement 1</b>				
<b>MOTION(s):</b>	<b>I move the Board of Supervisors approve the Project Agreement #1 for easement acquisition engineering assistance services with Dewberry Engineers Inc. in the amount of \$13,379, and authorize the County Administrator to execute the Agreement, subject to approval as to form by the County Attorney.</b>				
<b>STRATEGIC INITIATIVE?</b>	Yes	No	<b>If yes, list initiative(s):</b>	C9	
	X				
<b>AGENDA CATEGORY:</b>	Public Hearing	Action Matter	Presentation	Consent Agenda	Other
				X	
<b>STAFF CONTACT(S):</b>	Cyndi Toler, Purchasing Officer				
<b>PRESENTER(S):</b>	Cyndi Toler, Purchasing Officer				
<b>RECOMMENDATION:</b>	Recommend approval				
<b>TIMING:</b>	Routine				
<b>DISCUSSION:</b>	<ul style="list-style-type: none"> <li>❖ With the departure of the County Engineer Dewberry stepped in to provide assistance during easement acquisition to include providing engineering consultation to property owners regarding the design of the Zion Crossroads Water and Sewer System Project.</li> <li>❖ Included in Scope of Work - Attend fifteen (15) property specific meetings with a County Representative and property owner to discuss the design of the waterline and force main portions of the Zion Crossroads Water and Sewer System project that pertain to the individual property owner's property. Plus Mileage charges for travel time.</li> </ul>				
<b>FISCAL IMPACT:</b>	❖ ZXR Professional services Budget- \$13,379				
<b>POLICY IMPACT:</b>	N/A				
<b>LEGISLATIVE HISTORY:</b>	N/A				
<b>ENCLOSURES:</b>	❖ Dewberry Engineers Inc. – Project Agreement 1				
<b>REVIEWS COMPLETED:</b>	Legal	Finance	Purchasing	HR	Other
	X		X		





**PROJECT AGREEMENT # 1**  
**TERM CONTRACT BETWEEN COUNTY AND ARCHITECT/ENGINEER FOR**  
**PROFESSIONAL SERVICES**  
**DEWBERRY ENGINEERS INC.**

This Project Agreement #1 and Agreement Amendment (the Project Agreement”) made this \_\_\_\_ day of \_\_\_\_\_, 201\_\_ , between Fluvanna County, Virginia (the “County”), a political subdivision of the Commonwealth of Virginia, and Dewberry Engineers Inc. (the “Consultant”), a New York corporation authorized to transact business in Virginia, is an addendum to that TERM CONTRACT BETWEEN COUNTY AND ARCHITECT/ENGINEER FOR PROFESSIONAL SERVICES dated the 31<sup>st</sup> day of October, 2018 (including all exhibits, and as modified by any amendments or addendums thereto the “Agreement”). All defined terms in the Agreement shall have the same meaning in this Project Agreement unless the context used herein requires otherwise.

Whereas, pursuant to the Agreement the County shall issue written task orders to the Consultant as services are needed;

Whereas, the Consultant submitted a proposal dated January 30, 2019 entitled “RE: Zion Crossroads Water and Sewer System Engineering Assistance During Easement Acquisition - Revised”, attached hereto as **Exhibit 1 (the “Proposal”)** and made a material part hereof;

Whereas, the County desires that the Consultant complete the work and services set forth in the Proposal, including, without limitation, the services described therein as “Engineering Assistance During Easement Acquisition” (the “Task order Services” or the “Services”);

Whereas, the Consultant desires to accept the work and complete the Task Order Services and all work necessary and related thereto (the “Task Order”).

For good and valuable consideration, the parties hereby agree as follows:

**ARTICLE I: THE AGREEMENT**

The foregoing recitations are incorporated by reference into this Project Agreement.

This Project Agreement is an addendum to and made a material part of the Agreement. The parties hereto agree that except as specifically and expressly modified hereby that Agreement remains in full force and effect and the provisions of the Agreement are incorporated herein and are a material part hereof.

**ARTICLE II: TASK ORDER**

Consultant shall provide all work and services as needed and necessary or desired to complete Services on the Task Order consistent with all provisions of this Project Agreement, Exhibit 1 and the Agreement.

The County’s project manager for technical inquiries relating to this Project Agreement shall be:

Mr. Eric Dahl  
Deputy County Administrator/Director of Finance

132 Main Street  
Palmyra, VA 22963  
Phone: (434) 591-1930  
E-mail: [edahl@fluvannacounty.org](mailto:edahl@fluvannacounty.org)

Billing inquiries should be directed to Cyndi Toler, Purchasing Officer, whose contact information appears below in Article VI.

### **ARTICLE III: EXHIBITS AND RESOLVING CONFLICTS**

The rights and duties of the County and Consultant applicable to the County's projects under this Project Agreement are set forth in the following Agreement Documents:

- (i) This Project Agreement;
- (ii) Exhibit 1 hereto;
- (iii) The Agreement including exhibits thereto; and
- (iv) The County of Fluvanna General Terms Conditions and Instructions to Bidders and Contractors, being a portion of Attachment 1 which is attached to and a part of the Agreement.

Whenever possible, the terms of the above Agreement Documents shall be read together, however in the event of a conflict, the order of preference above shall govern which Agreement Document will control. In other words, (i) shall control over (ii) to (iii) above, and (ii) shall control over (iii).

### **ARTICLE IV: FEES**

The Consultant will receive up to a not-to-exceed fee of THIRTEEN THOUSAND THREE HUNDRED SEVENTY-NINE AND NO/100 (\$13,379.00); based on actual time worked and materials; which shall be payable by the County, no more than monthly, and upon proper invoice by the Consultant as described herein. The invoice shall describe the services rendered in the invoice with specificity. The Consultant will be paid within forty-five (45) days of receipt of a valid invoice following final acceptance of all work by the County of Fluvanna." No invoice may be provided by the Consultant to the County until the items or services purchased have been delivered to, inspected by and accepted by the County. In no event shall the fees due under this Project Agreement exceed \$13,379.00 and the Consultant agrees to complete all work on the Task Order for such not to exceed total even if the time and materials totals exceeds such amount.

The flat fee includes all fees, costs and charges of any kind to perform all the services and work, including supplying at its own cost and expense any necessary tools, equipment or materials, necessary or desirable for completion of the task specified.

The not-to-exceed fees indicated above and on Exhibit 1 attached hereto are all based on a "Engineer IV" completing the work at a rate of \$140 per hour or less. Notwithstanding that, the actual hourly fees charged by the Contactor for the Services will be based on the rates set forth on Exhibit 3 to the Agreement and will vary based upon the person completing the Services (for

example, \$60 per hour for “Surveyor I”, etc.), but hourly fees cannot exceed \$140/hr.

The flat fees are not-to exceed amounts. The the hourly fees up to the not-to-exceed total per task shall be payable by the County upon proper invoice by the Consultant as described herein.

#### **ARTICLE V: TERM**

Consultant shall with due diligence and dispatch assiduously pursue this Task Order to completion and provide as necessary services and attendance at meeting as reasonably requested by the County consistent with the Proposal, during the term beginning on February 1, 2019 and continuing until June 1, 2019, unless sooner terminated by the County. Time being of the essence with respect to each meeting schedule with the Consultant under the Proposal. Meeting requests can be made by the County via e-mail, telephone or in person.

#### **ARTICLE VI: MISCELLANEOUS**

As appropriate to the context, the singular will include the plural and vice versa, and reference to one gender will include the others. This Project Agreement may be executed in one or more counterparts, each of which will be considered the Project Agreement for all purposes of proof. In addition to allowing electronic signatures upon an electronic copy of this Project Agreement, as provided by Virginia law, facsimile signatures upon any signature page will be considered to be original signatures. This Project Agreement contains the entire understanding of the parties with respect to the subject matter hereof and is to be modified only by a writing signed by the parties to this Project Agreement. This Project Agreement will be binding upon and inure to the benefit of the respective parties and their successors. This Project Agreement is not assignable by either party, except by operation of law. The legal address for the County and for the Consultant and the addresses for delivery of Notices and other documents related to the administration of this Project Agreement are as follows:

County:  
ATTN: Cyndi Toler, Purchasing Officer  
Fluvanna County  
P.O. Box 540  
Palmyra, VA 22963  
Telephone (434) 591-1930  
FAX (434) 591-1911

Consultant:  
Dewberry Engineers Inc.  
ATTN: Dan Villhauer  
4805 Lake Brook Drive, Suite 200  
Glen Allen, VA 23060  
Telephone: (804) 290-7957  
Facsimile: (804) 290-7928

Any party may substitute another address for the one set forth above by giving a notice in the

manner required. Any notice given by mail will be deemed to be received on the fifth (5<sup>th</sup>) day after deposit in the United States mail. Any notice given by hand will be deemed to be received when delivered. Notice by courier will be deemed to have been received on the date shown on any certificate of delivery.

**In witness whereof the undersigned duly authorized representatives have executed this Project Agreement on the dates set forth beside their respective signatures.**

Consultant:  
Dewberry Engineers Inc.

County:  
Fluvanna County

By: \_\_\_\_\_ Date: \_\_\_\_\_ By: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: \_\_\_\_\_ Name: \_\_\_\_\_  
Title: \_\_\_\_\_ Title: \_\_\_\_\_

Approved as to form:

By: \_\_\_\_\_  
Fluvanna County Attorney, by Kristina M. Hofmann, Assistant Fluvanna County Attorney



January 30, 2019

Mrs. Cyndi Toler  
Purchasing Officer  
County of Fluvanna  
132 Main Street  
Palmyra, Virginia 22963

**VIA E-MAIL**

**RE: Zion Crossroads Water & Sewer System  
Engineering Assistance During Easement Acquisition - Revised**

Dear Mrs. Toler:

Dewberry Engineers Inc. (Dewberry) is pleased to submit our proposal to provide easement acquisition engineering assistance services requested for the Zion Crossroads Water and Sewer System project. Dewberry's Project Understanding, Scope of Services, and Fee have been developed based on our discussions with the County. The Work will be performed in accordance with RFP # 2019-01 for General Professional Engineering and Architectural Services, including the General Terms, Conditions, and Instructions to Bidders and Contractors, and Dewberry's proposal response dated August 20, 2018.

### **PROJECT UNDERSTANDING**

Dewberry understands that Fluvanna County (OWNER) is seeking assistance during easement acquisition to include providing engineering consultation to property owners regarding the design of the Zion Crossroads Water and Sewer System Project. It is anticipated that Dewberry will meet in person with a County Representative and individual property owner to discuss the design aspects of the project related to their property. These meetings will be on an as-needed basis as determined during the easement acquisition process. For the purposes of this proposal, fifteen (15) meetings have been included and will be on a time and materials basis. An additional amount for mileage has been included in this proposal as well.

### **SCOPE OF SERVICES**

#### **1. Engineering Assistance During Easement Acquisition**

- 1.1 Attend fifteen (15) property specific meetings with a County Representative and property owner to discuss the design of the waterline and force main portions of the Zion Crossroads Water and Sewer System project that pertain to the individual property owner's property.
- 1.2 Mileage to the Zion Crossroads area will be charged at a rate of 54.5 cents per mile (IRS mileage rate for 2018) for trips completed in 2018. Mileage to the Zion Crossroads area will be charged at a rate of 58 cents per mile (IRS mileage rate for 2019) for trips completed in 2019. Anticipated mileage for each meeting is approximately 90 miles round-trip. It is anticipated that one (1) meeting will be completed in 2018 and fourteen (14) will be completed in 2019.

- 1.3 Any changes to the design plans that result from requests by the property owners are not included in this proposal.

#### **FEE (TIME AND MATERIALS BUDGET)**

Dewberry will provide the services outlined in this proposal on a time and materials basis with a budget of **\$13,379**. A copy of our man-hour breakout estimate is included as Attachment A.

#### **EXCLUSIONS**

The following services are specifically excluded from the scope of services, but could be provided by Dewberry as additional services if authorized in writing by the OWNER.

1. Services resulting from significant changes in the general scope, extent or character of the project or its design including, changes in size, complexity, schedule, character of construction or method of financing; and revising previously accepted studies, reports, design documents or Contract Documents when such revisions are required by changes in laws, rules, regulations, ordinances, codes or orders enacted subsequent to their preparation, or are due to any other causes beyond Dewberry's control.
2. Assistance in easement acquisition beyond those specifically stated in this proposal. Easement negotiation is not part of this proposal.
3. Preparing to serve or serving as a consultant or witness for OWNER in any litigation, arbitration or other legal or administrative proceeding involving the Project.

Mrs. Cyndi Toler  
Zion Crossroads Water & Sewer System  
Engineering Assistance During Easement Acquisition  
January 30, 2019  
Page 3 of 3

## TERMS AND CONDITIONS

Services under this agreement will be provided in accordance with the General Terms, Conditions, and Instructions to Bidders and Contractors, which was attached to Fluvanna County's RFP #2019-01 for General Professional Engineering and Architectural Services, and is incorporated into this proposal by reference.

We look forward to the opportunity to serve Fluvanna County on this project. If you have any questions regarding our proposal, or if you require any additional information, please feel free to contact us.

Sincerely,

Dewberry Engineers Inc.



Danylo A. Villhauer, PE  
Associate

Attachment A: Manpower and Fee Estimate Breakout

Q:\PROPOSAL\2018\Fluvanna County\Easement Acquisition Engineering Assistance\2019.01.30 Easement Acquisition Engineering Assistance - Revised.docx

FLUVANNA COUNTY  
 ZION CROSSROADS WATER & SEWER SYSTEM  
 FEE ESTIMATE FOR ENGINEERING ASSISTANCE DURING EASEMENT ACQUISITION  
 JANUARY 30, 2019

PROJECT TASKS	HOURS DEDICATED TO SUBTASK										REIMBURSABLE	TOTAL COST
	CONTRACT MANAGER	PROJECT MANAGER	PROJECT ENGINEER	STAFF ENGINEER	DESIGNER	CADD TECHNICIAN	ADMIN PROF	SURVEYOR	SURVEY PARTY	CONST INSPECTOR		
	205.00	175.00	140.00	110.00	100.00	85.00	60.00	120.00	150.00	65.00		
<b>1. Engineering Assistance During Easement Acquisition</b>												
1.1 On-site meeting with property owner (15 meetings)			90									
1.2 Mileage (90 miles per meeting, 1 meeting at 54 cents per mile, 14 meetings at 58 cents per mile)											\$779.40	
<b>Subtotal (Item 1)</b>	<b>0</b>	<b>0</b>	<b>90</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$779</b>	<b>\$13,379</b>
<b>TOTAL FOR ALL SERVICES (TIME AND MATERIALS BUDGET)</b>	<b>0</b>	<b>0</b>	<b>90</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$779</b>	<b>\$13,379</b>



**FLUVANNA COUNTY BOARD OF SUPERVISORS  
AGENDA ITEM STAFF REPORT**

<b>MEETING DATE:</b>	February 20, 2019				
<b>AGENDA TITLE:</b>	Deputy Sheriff- Sergeant: Position Description Update				
<b>MOTION(s):</b>	<p><b>I move to approve the updated position description as presented for:</b></p> <ul style="list-style-type: none"> <li>• <b>Job Class 6050, Deputy Sheriff- Sergeant</b></li> </ul>				
<b>STRATEGIC INITIATIVE?</b>	Yes	No	<b>If yes, list initiative(s):</b>		
		X			
<b>AGENDA CATEGORY:</b>	Public Hearing	Action Matter	Presentation	Consent Agenda	Other
				X	
<b>STAFF CONTACT(S):</b>	Jessica Rice, Human Resources Manager; Eric Hess, Sheriff				
<b>PRESENTER(S):</b>	Jessica Rice, Human Resources Manager				
<b>RECOMMENDATION:</b>	Approval				
<b>TIMING:</b>	Routine				
<b>DISCUSSION:</b>	<p>1. The Sheriff's Department currently has three separate job descriptions for Sergeant level position- Sergeant of Investigations, Sergeant of Operations, and Sergeant of Courts.</p> <p>2. The intent of the updated position description is to encompass all three Sergeant assignments, thereby making them undifferentiated. Core responsibilities of each assignment are the same, the only differences are the division assignments. This circumstance is no different than any of the other subordinate Deputy positions.</p> <p>3. Operationally, merging the positions to encompass essential functions of all divisions will allow for cross functional training and better utilization of staffing resources.</p> <p>4. Job Class #6050, Deputy Sheriff- Sergeant, will be classified in Pay Band 16. No pay changes will occur for personnel currently ranked as a Sergeant.</p> <p>5. Job Class #6050, Deputy Sheriff- Sergeant will supersede:</p> <ul style="list-style-type: none"> <li>* #6570 Deputy Sheriff Sergeant- Courts</li> <li>* #6571 Deputy Sheriff Sergeant- Ops</li> <li>* #6572 Deputy Sheriff Sergeant- Investigation</li> </ul>				
<b>FISCAL IMPACT:</b>	None				

<b>POLICY IMPACT:</b>	N/A				
<b>LEGISLATIVE HISTORY:</b>	N/A				
<b>ENCLOSURES:</b>	Revised position description: #6050 – Deputy Sheriff- Sergeant				
<b>REVIEWS COMPLETED:</b>	Legal	Finance	Purchasing	HR	Other
				<b>XX</b>	<b>Sheriff, COAD</b>



Fluvanna County, Virginia  
Office of the Sheriff  
Job Description



**DEPUTY SHERIFF – SERGEANT**

<b>Job Class #:</b>	6050
<b>Pay Grade:</b>	16
<b>Category:</b>	Full-Time (with benefits)
<b>FLSA Status:</b>	Non-Exempt
<b>Reports To:</b>	Deputy Sheriff- Lieutenant

**SUMMARY**

**Performs difficult law enforcement work in the Sheriff’s Office supervising assigned sworn personnel; does related work as required. Under the general supervision of the Deputy Sheriff- Lieutenant, work may be performed under emergency and hazardous conditions.**

**ESSENTIAL FUNCTIONS**

(These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

- Supervises deputies in assigned work unit; evaluates work of subordinate appointees; counsels and disciplines as necessary in accordance with Policy.
- Assists, mentors, and instructs Deputies in assigned law enforcement functions.
- Depending on assignment, may conduct patrols to observe for violations of traffic laws, suspicious activities or persons, and disturbances of law and order; responds to radio dispatches, and answers calls and complaints; oversee criminal investigations; provide security for court operations; ensure civil process is properly served; provide protective services for county assets; liason with other county agencies.
- Investigates crimes, make arrests, and testifies in court.
- Trains new personnel, maintains records, and prepares reports as required.
- [Add essential function elements here. Press enter to create a new line]
- Serves capiases, warrants, civil papers, and other documents for court.
- Maintains custody of inmates during court proceedings.
- Prepares staffing schedule for assigned unit.
- Serves as incident command in absence of higher ranking command staff.
- Completes special projects and duties as assigned by a Supervisor.
- Performs related tasks as required.

**REQUIRED KNOWLEDGE, SKILLS AND ABILITIES**

- Thorough knowledge of federal laws, Code of Virginia, and Department Policies pertaining to law enforcement.
- General knowledge or ability to learn functions of patrol operations, investigations, court security and civil process.
- Ability to work alternate work schedules including nights and weekends as needed.
- Ability to operate general office equipment.

- Ability to follow written and oral instructions.
- Ability to establish and maintain effective working relationships with associates and the general public.
- Ability to perform all required tasks of a subordinate Deputy Sheriff.

**EDUCATION, EXPERIENCE, AND TRAINING**

Minimum Requirements:

- High school diploma or equivalent
- Valid Driver’s license issued by the Commonwealth of Virginia
- Virginia DCJS LEO Certification
- Five (5) years of Law Enforcement experience. Creditable experience from a Sheriff’s office, police department, or military police shall be granted toward these requirements.

Preferred:

- Supervisory or other leadership experience preferred

**WORKING CONDITIONS AND PHYSICAL REQUIREMENTS**

- Work requires regular exertion of up to 20 pounds of force, and occasional exertion of up to 50 pounds of force.
- Work regularly requires reaching with hands and arms, frequent standing, walking, climbing or balancing, stooping, kneeling, crouching or crawling, pushing or pulling, lifting and repetitive motion.
- Work requires close vision, distance vision, and ability to adjust focus, depth perception, color perception, night vision, and peripheral vision.
- Vocal communication is required for expressing or exchanging ideas by means of the spoken word and conveying detailed or important instructions to others accurately, loudly, or quickly.
- Hearing is required to perceive information at conversational sound decibels and to receive detailed information through oral communications and/or to make fine distinctions in sound.
- Work is frequently performed outdoors with likely extended exposure to hot and cold temperatures
- Physical ability to restrain, handcuff, and escort combative persons
- Physical ability to use firearms
- Physical ability to quickly maneuver in and out of vehicles
- Physical ability to wear bullet resistant clothing and other required protective equipment for extended periods

**POST OFFER REQUIREMENTS**

- Acceptable Background investigation
- Acceptable Psychological Evaluation
- FBI CJIS and VSP VCIN security clearance

Department Head Recommended:	HR Manager Approval as to Form:	Sheriff Recommended:	Board of Supervisors Approved:
09/14/2018	2/14/2019		

**FLUVANNA COUNTY BOARD OF SUPERVISORS  
AGENDA ITEM STAFF REPORT**

<b>MEETING DATE:</b>	February 20, 2019				
<b>AGENDA TITLE:</b>	Parks and Recreation Position Description Updates				
<b>MOTIONS:</b>	<p><b>I move to approve the updated position descriptions as presented for:</b></p> <ul style="list-style-type: none"> <li>• <b>Job Class 4010, Recreation Amenities Manager</b></li> <li>• <b>Job Class 4030, Athletics &amp; Special Events Coordinator</b></li> <li>• <b>Job Class 4040, Recreation Programs &amp; Special Events Coordinator</b></li> <li>• <b>Job Class 4050, Active Seniors &amp; Therapeutic Recreation Coordinator</b></li> <li>• <b>Job Class 4070, Museum Attendant</b></li> <li>• <b>Job Class 4080, Facilities and Programs Assistant</b></li> <li>• <b>Job Class 4090, Camp Counselor</b></li> </ul>				
<b>STRATEGIC INITIATIVE?</b>	Yes	No	<b>If yes, list initiative(s):</b>		
		X			
<b>AGENDA CATEGORY:</b>	Public Hearing	Action Matter	Presentation	Consent Agenda	Other
				<b>XX</b>	
<b>STAFF CONTACT(S):</b>	Jessica Rice, Human Resources Manager				
<b>PRESENTER(S):</b>	Jessica Rice, Human Resources Manager				
<b>RECOMMENDATION:</b>	Approval				
<b>TIMING:</b>	Position description updates will take effect on February 17, 2019.				
<b>DISCUSSION:</b>	<p>1. Position #s 4010, 4030, 4040, &amp; 4050 were newly classified positions that the Board of Supervisors approved on December 6, 2017. Position Descriptions are now finalized.</p> <p>2. Position #4070, Museum Attendant, did not have a clearly defined job description outlining principle responsibilities prior to this update.</p> <p>3. Position #4080, Facilities and Programs Assistant will supersede #4131, Facilities Attendant. The previous position description did not encompass essential job functions, nor indicate schedule requirements.</p> <p>4. Position #4090, Camp Counselor, did not have a clearly defined job description outlining principle responsibilities prior to this update.</p>				

<b>FISCAL IMPACT:</b>	There is no fiscal impact. All positions were previously approved by the Board of Supervisors. Staff is not recommending pay band or salary changes with these updates.				
<b>POLICY IMPACT:</b>	N/A				
<b>LEGISLATIVE HISTORY:</b>	N/A				
<b>ENCLOSURES:</b>	<ul style="list-style-type: none"> <li>• Updated list of active Parks and Recreation positions</li> <li>• New Position Description: #4010 – Recreation Amenities Manager</li> <li>• New Position Description: #4030 – Athletics &amp; Special Events Coordinator</li> <li>• New Position Description: #4040 – Recreation Programs &amp; Special Events Coordinator</li> <li>• New Position Description: #4050 – Active Seniors &amp; Therapeutic Recreation Coordinator</li> <li>• New Position Description: #4070 – Museum Attendant</li> <li>• Revised Position Description: #4080 – Facilities and Programs Assistant</li> <li>• New Position Description: #4090 – Camp Counselor</li> </ul>				
<b>REVIEWS COMPLETED:</b>	Legal	Finance	Purchasing	HR	Other
				<b>XX</b>	<b>Parks &amp; Rec, COAD</b>

### Parks & Recreation Active Position List

<u>Class No.</u>	<u>Pay Band</u>	<u>Position Title</u>	<u>Status</u>
4090	5	Camp Counselor, Seasonal	Seasonal
4080	5	Facilities and Programs Assistant	Ongoing as needed
4070	6	Museum Attendant	Filled (2 PT)
4050	9	Active Seniors & Therapeutic Recreation Coordinator	Filled (1 FT)
4040	11	Recreation Programs & Special Events Coordinator	Filled (1 FT)
4030	11	Athletics & Special Events Coordinator	Vacant
4020	11	Administrative Program Specialist (P&R)	Filled (1 FT)
4010	12	Recreation Amenities Manager	Vacant
4000	22	Director of Parks and Recreation	Filled (1 FT)



Fluvanna County, Virginia  
Department of Parks and Recreation  
Job Description

**ACTIVE SENIORS AND THERAPEUTIC RECREATION COORDINATOR**

<b>Job Class #:</b>	4050
<b>Pay Grade:</b>	9
<b>Category:</b>	Full-Time (with benefits)
<b>FLSA Status:</b>	Non-Exempt
<b>Reports To:</b>	Director of Parks and Recreation

**SUMMARY**

This position provides supervision and management of senior services program areas in accordance with the mission, vision, and policies of the Fluvanna County Parks and Recreation Department. Responsibilities include: management of County senior centers and special events for senior citizens; administration of recreational opportunities for individuals with special needs; supervision of assigned part-time staff and volunteers; and other tasks assigned by the Director.

**ESSENTIAL FUNCTIONS**

**Duties include but are not limited to the following:**

- Oversees and coordinates the County's Active Older Adult Centers.
- Serves as department liaison for our JABA partnership; works to appropriately utilize JABA resources, meals, trips, etc.
- Coordinates special events for seniors, including primary events such as the annual Holiday Luncheon, quad-county Valentine's Day Dance, and other activities.
- Plans and coordinates classes and programs for individuals with special needs.
- Assists customers with registration needs, loading/unloading equipment rentals, and set-up/clean-up for facility rentals.
- Supervises, schedules, and assigns duties to part-time staff during programs with Director's approval.
- Collects and compiles information for Parks and Recreation's Program Guide.
- Conducts regular evaluations with program participants, volunteers, and staff to ensure maximum participant satisfaction.
- Provides leadership in the creation and maintenance of records and reports.
- Assists with design of marketing and promotional materials for programs administered.
- Assis with program budget development
- Helps identify and develop programs for specific needs and interest groups.
- Serves as an active, contributing member of the Department's leadership team and other committees as assigned.
- Participates in all of the Department's community events.
- Performs related tasks as required.

**REQUIRED KNOWLEDGE, SKILLS AND ABILITIES**

**Knowledge of:**

- Program budget development.
- Managing program revenues and expenses.

- Facilities and equipment used for all program activities.
- Safety policies and procedures for program participants.

**Skills in:**

- Oral and written communication.
- Organizing tasks and programs.
- Meeting deadlines, managing interruptions, and handling request efficiently.
- Engaging program participants.
- Modeling behaviors of caring, honesty, respect, and responsibility.

**Ability to:**

- Interpret, communicate, and promote department’s mission, goals, and objectives to employees, volunteers and members of the community.
- Build and maintain positive relationships with participants, customers, and staff.
- Demonstrate a flexible, adaptive work style.
- Use diplomacy and tact in working with a variety of people in various situations.
- Keep supervisor informed of plans, progress, and problems.
- Plan events and activities suitable for program participants.
- Provide supervision to volunteers and part-time staff.

**EDUCATION, EXPERIENCE, AND TRAINING**

**Minimum Requirements:**

- Possession of an appropriate driver's license valid in the Commonwealth of Virginia.
- Bachelor's Degree in Recreation or related field, preferably from a National Recreation and Parks Association (NRPA) accredited college or university;
- Three years of experience in recreation program planning and implementation;
- One year of experience working with senior citizens;
- or any equivalent combination of acceptable education and experience providing the knowledge, abilities, and skills to successfully perform in the position.

**Preferred:**

- 1-2 years of supervisory experience
- CPR and First Aid certification

**WORKING CONDITIONS AND PHYSICAL REQUIREMENTS**

Ability to sit and/or stand for long periods of time, use a computer, telephone and related business equipment as necessary for this position. Must be able to communicate effectively with others. Requires ability to travel to and between center/off site locations. May be required to lift up to 25lbs. Ability to work varied schedule, which may include evenings and weekends.

**POST OFFER REQUIREMENTS**

- Criminal background and driving record check.

<b>Department Head Recommended:</b>	<b>HR Manager Approval as to Form:</b>	<b>County Administrator Recommended:</b>	<b>Board of Supervisors Approved:</b>
12/12/2018	2/13/2019	2/13/2019	





Fluvanna County, Virginia  
Department of Parks and Recreation  
Job Description

**ATHLETICS AND SPECIAL EVENTS COORDINATOR**

<b>Job Class #:</b>	4030
<b>Pay Grade:</b>	11
<b>Category:</b>	Full-Time (with benefits)
<b>FLSA Status:</b>	Non-Exempt
<b>Reports To:</b>	Director of Parks and Recreation

**SUMMARY**

This position provides supervision and management of youth and adult athletic services program areas in accordance with the mission, vision, and policies of the Fluvanna County Parks and Recreation Department. Responsibilities include: management of our department's athletic programs; coordination of special events; coordination of sports summer camps; supervision of part-time staff and volunteers; and other tasks assigned by the Director.

**ESSENTIAL FUNCTIONS**

**Duties include but not limited to the following:**

- Oversees and coordinates the Department's youth and adult basketball leagues.
- Coordinates specialty youth and adult classes/programs not limited to open gym, yoga, karate, mother's group, little tykes/mighty mites basketball, kiddie T-ball, wrestling, football, field scheduling, pickleball, etc.
- Coordinates special events including County Fair, May Carnival, Old Dominion train rides, Earth Day, Photography Contest, Arts/Movies in the Park, etc.
- Plans and coordinates summer sports camp activities.
- Assists customers with registration needs, loading/unloading equipment rentals, and set-up/clean-up for facility rentals.
- Supervises, schedules, and assigns duties to part-time staff during programs, with Director's approval.
- Collects and compiles information for Parks and Recreation's Program Guide.
- Conducts regular evaluations with program participants, volunteers, and staff to ensure maximum participant satisfaction.
- Develops and implements strategic and tactical business plans for all programs administered.
- Creates and maintains program records and reports.
- Assists with design and execution of marketing and promotional efforts for programs administered.
- Develops programs for specific needs and interest groups.
- Serves as an active, contributing member of the Department's leadership team and other Boards and committees as required.
- Participates in all Department-sponsored special events.
- Performs related tasks as required.

**REQUIRED KNOWLEDGE, SKILLS AND ABILITIES**

**Knowledge of:**

- Program budget development.

- Managing program revenues and expenses.
- Knowledge of rules and regulations for various types of organized sports.
- Facilities and equipment used for all program activities.
- Safety policies and procedures for program participants.

**Skills in:**

- Oral and written communication.
- Organizing tasks and programs.
- Meeting deadlines, managing interruptions, and handling request efficiently.
- Engaging program participants.
- Modeling behaviors of caring, honesty, respect, and responsibility.

**Ability to:**

- Interpret, communicate, and promote department’s mission, goals, and objectives to employees, volunteers and members of the community.
- Build and maintain positive relationships with participants, customers, and staff.
- Demonstrate a flexible, adaptive work style.
- Use diplomacy and tact in working with a variety of people in various situations.
- Keep supervisor informed of plans, progress, and problems.
- Plan events and activities suitable for program participants.
- Provide supervision to volunteers and part-time staff.

**ACCEPTABLE EDUCATION, EXPERIENCE, AND TRAINING**

**Minimum Requirements:**

- Possession of an appropriate driver's license valid in the Commonwealth of Virginia.
- Bachelor's Degree in Recreation or related field, preferably from a National Recreation and Parks Association (NRPA) accredited college or university;
- Three years of experience in recreation program planning and implementation;
- or any equivalent combination of acceptable education and experience providing the knowledge, abilities, and skills to successfully perform in the position.

**Preferred:**

- 3-5 years of supervisory experience
- CPR and First Aid certification

**WORKING CONDITIONS AND PHYSICAL REQUIREMENTS**

Ability to sit and/or stand for long periods of time, use a computer, telephone and related business equipment as necessary for this position. Must be able to communicate effectively with others. Requires ability to travel to and between center/off site locations. May be required to lift up to 25lbs. Ability to work varied schedule, which may include evenings and weekends.

**POST OFFER REQUIREMENTS**

- Criminal background and driving record check

<b>Department Head Recommended:</b>	<b>HR Manager Approval as to Form:</b>	<b>County Administrator Recommended:</b>	<b>Board of Supervisors Approved:</b>
12/12/2018	02/14/2019	02/14/2019	



Fluvanna County, Virginia  
Department of Parks and Recreation  
Job Description

**CAMP COUNSELOR**

<b>Job Class #:</b>	4090
<b>Pay Grade:</b>	5
<b>Category:</b>	Seasonal (without benefits)
<b>FLSA Status:</b>	Temporary
<b>Reports To:</b>	Recreation Amenities Manager or Director of Parks and Recreation

**SUMMARY**

The Camp Counselor position is responsible for implementing the summer/winter camp program by actively engaging with participants on a daily basis. This position provides oversight to camp programs in accordance with the mission, vision, and policies of the Fluvanna County Parks and Recreation Department. Responsibilities include: ensuring the safety of program participants throughout each day; providing transportation to various activities; and other tasks assigned by the supervisor.

**ESSENTIAL FUNCTIONS**

- Checks in/out camp participants upon arrival/dismissal.
- Engages with camp participants and leads activities on a daily basis.
- Transports camp participants to various activity locations.
- Coordinates with the supervisor on outcomes of outings.
- Prepares incident reports as necessary.
- Provides feedback to supervisor with an update on daily activities.
- Communicates with parents about positive outcomes and opportunities.
- Carries out other duties as assigned.

**REQUIRED KNOWLEDGE, SKILLS AND ABILITIES**

**Knowledge of:**

- Games and activities for engaging youth during camp.
- Facilities and equipment used for all program activities.
- Practices procedures ensuring the safety of program participants.

**Skills in:**

- Oral and written communication.
- Organizing and planning activities.
- Modeling behaviors of caring, honesty, respect, and responsibility.

**Ability to:**

- Interpret, communicate, and promote department's mission, vision, and goals to members of the community.
- Build and maintain positive relationships with participants, customers, and staff.
- Demonstrate a flexible, adaptive work style.
- Use diplomacy and tact in working with a variety of people in various situations.

- Keep supervisor informed of plans, progress, and problems.
- Engage participants in daily activities.

**EDUCATION, EXPERIENCE, AND TRAINING**

- Candidates must be at least 18 years of age.
- Possession of an appropriate driver's license valid in the Commonwealth of Virginia.
- Prior camp counseling experience preferred.
- CPR and First Aid certification preferred.

**WORKING CONDITIONS AND PHYSICAL REQUIREMENTS**

Schedules will vary between 8 - 10 hours/day and applicant must be able to work outdoors for up to 10 hours at a time. This position requires the ability to sit and/or stand for long periods of time, use a computer, telephone and related business equipment as necessary for this position. Requires ability to travel to and between center/off site locations. May be required to occasionally lift up to 25lbs.

**POST OFFER REQUIREMENTS**

- Criminal background and driving record check

Department Head Recommended:	HR Manager Approval as to Form:	County Administrator Recommended:	Board of Supervisors Approved:
12/12/2018	2/13/2019	2/13/2019	



Fluvanna County, Virginia  
Department of Parks and Recreation  
Job Description

**FACILITIES AND PROGRAMS ASSISTANT**

<b>Job Class #:</b>	4080
<b>Pay Grade:</b>	5
<b>Category:</b>	Part-time (no benefits)
<b>FLSA Status:</b>	Temporary
<b>Reports To:</b>	Recreation Amenities Manager or Director of Parks and Recreation

**SUMMARY**

This position provides leadership at County facilities, fields, and activities as assigned in accordance with the mission, purpose, and policies of the Fluvanna County Parks and Recreation Department. Work is performed under regular supervision of assigned full-time staff.

**ESSENTIAL FUNCTIONS**

- Prepares facility, field, or gymnasium along with keeping accurate records of attendance, inventory, and maintenance as required.
- Ensures that facilities and equipment used for all program activities are safe and serviceable.
- Greets program participants/visitors/instructors; answers questions regarding programming and classes.
- Assists with site set-up and clean-up for community events.
- Supervises facilities and participants by enforcing program rules, regulations, and guidelines.
- Receives and processes class registrations and rental applications.
- Ensures facilities and fields are left in a secure condition by closing and locking all gates, windows, doors, and setting alarms if applicable as well as assisting with equipment pick up as required.
- All other duties as assigned.

**REQUIRED KNOWLEDGE, SKILLS AND ABILITIES**

**Customer Relationship, Loyalty, and Involvement**

- Ability to interpret, communicate, and promote Parks & Recreation mission, vision, and goals to volunteer leaders and the community.
- Ability to support program/department initiatives related to customer retention.
- Ability to build and maintain positive relationships with participants, customers, and staff.
- Diplomacy, tact, and the ability to work with a variety of people, in a variety of situations.

**Operational Performance**

- Knowledge of operating procedures for County recreational facilities, fields, and activities.
- Ability to work a varying schedule, which may include early mornings, evenings, late nights, weekends, and holiday shifts as needed.
- Ability to respond to participants and general public using courteous and effective communication in order to provide information and resolve conflicts as necessary.

- Excellent oral and written communication skills; strong organizational skills and a flexible, adaptable work style.

**EDUCATION, EXPERIENCE, AND TRAINING**

**Required:**

- Must be at least 18 years of age and possess a valid Virginia Driver’s License.
- Graduation from an accredited high school or GED equivalent required.

**Preferred:**

- American Red Cross First Aid and CPR certifications preferred.
- Experience in PC software applications such as Microsoft Office Suite is preferred.

**WORKING CONDITIONS AND PHYSICAL REQUIREMENTS**

- Medium level work requiring exertion of 50 pounds of force occasionally, 20 pounds of force frequently, and 10 pounds of force constantly.
- Position requires climbing, balancing, reaching, lifting, grasping, and repetitive motions.
- Vocal communication is required for expressing or exchanging ideas by means of spoken word
- Hearing is required to perceive information at normal spoken decibels
- Visual acuity is required for depth perception, peripheral vision, leading and supervising participant groups

**POST OFFER REQUIREMENTS**

- Criminal background and driving record check

<b>Department Head Recommended:</b>	<b>HR Manager Approval as to Form:</b>	<b>County Administrator Recommended:</b>	<b>Board of Supervisors Approved:</b>
2/13/2019	2/13/2019	2/13/2019	



Fluvanna County, Virginia  
Department of Parks and Recreation  
Job Description

**MUSEUM ATTENDANT**

<b>Job Class #:</b>	4070
<b>Pay Grade:</b>	6
<b>Category:</b>	Part-Time (without benefits)
<b>FLSA Status:</b>	Non-Exempt
<b>Reports To:</b>	Recreation Amenities Manager or Director of Parks and Recreation

**SUMMARY**

This position provides knowledge of services provided by Parks and Recreation and the history of Fluvanna County to visitors of the Welcome Center in accordance with the mission, vision, and policies of the Fluvanna County Parks and Recreation Department. Responsibilities include: management of museum displays; coordination of guided tours; supervision of kiosks around the park; assistance registering citizens for programs; and other tasks assigned by the Director.

**ESSENTIAL FUNCTIONS**

- Opens and closes County museums.
- Greets visitors, staffs reception desk, and responds to public inquiries.
- Communicates Pleasant Grove Park and Fluvanna County history through guided tours.
- Oversees and maintains card racks in the Welcome Center.
- Assists customers with registration needs, loads/unloads equipment rentals, and set-up/clean-up for facility rentals.
- Maintains information on all park kiosks.
- Carries out other duties as assigned.

**REQUIRED KNOWLEDGE, SKILLS AND ABILITIES**

**Knowledge of:**

- History of Pleasant Grove Park and Fluvanna County.
- Museum display interpretation
- Parks & Recreation programs and upcoming events
- Facilities and equipment used for program activities.
- Department safety guidelines

**Skills in:**

- Oral and written communication.
- Engaging storytelling techniques.
- Meeting deadlines, managing interruptions, and handling requests efficiently.
- Modeling behaviors of caring, honesty, respect, and responsibility.

**Ability to:**

- Interpret, communicate, and promote department's mission, vision, and goals to members of the community.

- Build and maintain positive relationships with participants, customers, and staff.
- Demonstrate a flexible, adaptive work style.
- Use diplomacy and tact in working with a variety of people in various situations.
- Keep supervisor informed of plans, progress, and problems.

**EDUCATION, EXPERIENCE, AND TRAINING**

Minimum Requirements:

- Graduation from an accredited high school or GED equivalent.
- Possession of an appropriate driver's license valid in the Commonwealth of Virginia.

The ideal candidate will bring basic experience and knowledge in museum interpretation and programs or equivalent combination of education and experience. Candidate should enjoy working with the public, have an interest in history and possess basic computer skills. Customer service experience is desirable. CPR and First Aid certification preferred.

**WORKING CONDITIONS AND PHYSICAL REQUIREMENTS**

Ability to sit and/or stand for long periods of time, use a computer, telephone and related business equipment as necessary for this position. Must be able to communicate effectively with others. Requires ability to travel to and between center/off site locations. May be required to lift up to 25lbs. Ability to work weekends and a varied schedule, which may include evenings.

**POST OFFER REQUIREMENTS**

- Criminal background and driving record checks.

Department Head Recommended:	HR Manager Approval as to Form:	County Administrator Recommended:	Board of Supervisors Approved:
12/12/2018	2/13/2019	2/13/2019	





Fluvanna County, Virginia  
Department of Parks and Recreation  
Job Description

**RECREATION AMENITIES MANAGER**

<b>Job Class #:</b>	4010
<b>Pay Grade:</b>	12
<b>Category:</b>	Full-Time (with benefits)
<b>FLSA Status:</b>	Non-Exempt
<b>Reports To:</b>	Director of Parks and Recreation

**SUMMARY**

This position provides supervision and management of parks, programs, and facilities in accordance with the mission, vision, and policies of the Fluvanna County Parks and Recreation Department. Responsibilities include: oversight of Pleasant Grove Park both Eastern and Western Trailheads, Fluvanna Community Center, and the Carysbrook Sports Complex. The Recreation Amenities Manager assists the Department Director with supervisory responsibilities and will manage either Athletics or Recreation programming as determined upon appointment.

**ESSENTIAL FUNCTIONS**

**Duties include but not limited to the following:**

- Monitors Pleasant Grove Park and amenities for maintenance issues.
- Monitors Fluvanna County Community Center for maintenance issues.
- Monitors Carysbrook Sports Complex for maintenance issues.
- Performs minor athletic field maintenance as necessary.
- Assists Parks and Recreation Director with personnel supervision and Department management as needed.
- Performs job duties of either the Athletics and Special Events Coordinator or Recreational Programs and Special Events Coordinator.

**REQUIRED KNOWLEDGE, SKILLS AND ABILITIES**

**Knowledge of:**

- Program budget development.
- Managing program revenues and expenses.
- Knowledge of rules and regulations for various types of organized sports.
- Facilities and equipment used for all program activities.
- Safety policies and procedures for program participants.

**Skills in:**

- Oral and written communication.
- Organizing tasks and programs.
- Meeting deadlines, managing interruptions, and handling request efficiently.
- Engaging program participants.
- Modeling behaviors of caring, honesty, respect, and responsibility.

**Ability to:**

- Interpret, communicate, and promote department’s mission, goals, and objectives to employees, volunteers and members of the community.
- Build and maintain positive relationships with participants, customers, and staff.
- Demonstrate a flexible, adaptive work style.
- Use diplomacy and tact in working with a variety of people in various situations.
- Keep supervisor informed of plans, progress, and problems.
- Plan events and activities suitable for program participants.
- Provide supervision to volunteers and part-time staff.

**ACCEPTABLE EDUCATION, EXPERIENCE, AND TRAINING**

**Minimum Requirements:**

- Possession of an appropriate driver's license valid in the Commonwealth of Virginia.
- Bachelor's Degree in Recreation or related field, preferably from a National Recreation and Parks Association (NRPA) accredited college or university;
- Three years of experience in recreation program planning and implementation;
- or any equivalent combination of acceptable education and experience providing the knowledge, abilities, and skills to successfully perform in the position.

**Preferred:**

- 3-5 years of supervisory experience
- CPR and First Aid certification

**WORKING CONDITIONS AND PHYSICAL REQUIREMENTS**

Ability to sit and/or stand for long periods of time, use a computer, telephone and related business equipment as necessary for this position. Must be able to communicate effectively with others. Requires ability to travel to and between center/off site locations. May be required to lift up to 25lbs. Ability to work varied schedule, which may include evenings and weekends.

**POST OFFER REQUIREMENTS**

- Criminal background and driving record check

<b>Department Head Recommended:</b>	<b>HR Manager Approval as to Form:</b>	<b>County Administrator Recommended:</b>	<b>Board of Supervisors Approved:</b>
12/12/2018	02/14/2019	02/14/2019	



Fluvanna County, Virginia  
Department of Parks and Recreation  
Job Description

**RECREATIONAL PROGRAMS AND SPECIAL EVENTS COORDINATOR**

<b>Job Class #:</b>	4040
<b>Pay Grade:</b>	11
<b>Category:</b>	Full-Time (with benefits)
<b>FLSA Status:</b>	Non-Exempt
<b>Reports To:</b>	Director of Parks and Recreation

**SUMMARY**

This position provides oversight and management of youth and adult recreational services program areas in accordance with the mission, vision, and policies of the Fluvanna County Parks and Recreation Department. Responsibilities include: management of summer and winter camps, youth and adult specialty classes, and community special events; development of the Parks and Recreation program guide; supervision of part-time staff and volunteers; and other tasks assigned by the Director.

**ESSENTIAL FUNCTIONS**

**Duties include but not limited to the following:**

- Develops and manages the Department's summer and winter Youth Camps.
- Coordinates specialty youth and adult classes/programs such as Terrific Tuesdays, Hunter Education, Boat Safety, boating instruction and river trips, dog obedience, horseback riding, pottery, arts and crafts, CPR/First Aid, Llama Treks, teen dances, etc.
- Coordinates special events including Young Ladies Valentine's Ball, Earth Day field trip (1st and 2nd grades), Easter egg hunt, Halloween (2 days), holiday celebration (2 days), horse trail rides, trail runs, therapeutic deer hunt (annually), bike rodeo, etc.
- Collects, compiles, and organizes information for Parks and Recreation Program Guide.
- Assists customers with registration needs, loading/unloading equipment rentals, and set-up/clean-up for facility rentals.
- Supervises, schedules, and assigns duties to part-time staff during programs with Director's approval.
- Conducts regular evaluations with program participants, volunteers, and staff to ensure maximum participant satisfaction.
- Develops and implements strategic and tactical business plans for all programs administered.
- Creates and maintains program records and reports.
- Assists with design and execution of marketing and promotional efforts for programs administered.
- Develops programs for specific needs and interest groups.
- Serves as an active, contributing member of the Department's leadership team and other Boards and committees as required.
- Participates in all Department-sponsored special events.
- Performs related tasks as required.

**REQUIRED KNOWLEDGE, SKILLS AND ABILITIES**

**Knowledge of:**

- Program budget development.
- Managing program revenues and expenses.

- Facilities and equipment used for all program activities.
- Safety policies and procedures for program participants.

**Skills in:**

- Oral and written communication.
- Organizing tasks and programs.
- Meeting deadlines, managing interruptions, and handling request efficiently.
- Engaging program participants.
- Modeling behaviors of caring, honesty, respect, and responsibility.

**Ability to:**

- Interpret, communicate, and promote department’s mission, goals, and objectives to employees, volunteers and members of the community.
- Build and maintain positive relationships with participants, customers, and staff.
- Demonstrate a flexible, adaptive work style.
- Use diplomacy and tact in working with a variety of people in various situations.
- Keep supervisor informed of plans, progress, and problems.
- Plan events and activities suitable for program participants.
- Provide supervision to volunteers and part-time staff.

**ACCEPTABLE EDUCATION, EXPERIENCE, AND TRAINING**

**Minimum Requirements:**

- Possession of an appropriate driver's license valid in the Commonwealth of Virginia.
- Bachelor's Degree in Recreation or related field, preferably from a National Recreation and Parks Association (NRPA) accredited college or university;
- Three years of experience in recreation program planning and implementation;
- or any equivalent combination of acceptable education and experience providing the knowledge, abilities, and skills to successfully perform in the position.

**Preferred:**

- 3-5 years of supervisory experience
- CPR and First Aid certification

**WORKING CONDITIONS AND PHYSICAL REQUIREMENTS**

Ability to sit and/or stand for long periods of time, use a computer, telephone and related business equipment as necessary for this position. Must be able to communicate effectively with others. Requires ability to travel to and between center/off site locations. May be required to lift up to 25lbs. Ability to work varied schedule, which may include evenings and weekends.

**POST OFFER REQUIREMENTS**

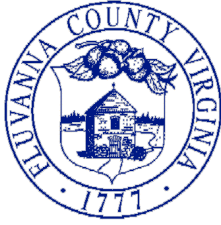
- Criminal background and driving record check

<b>Department Head Recommended:</b>	<b>HR Manager Approval as to Form:</b>	<b>County Administrator Recommended:</b>	<b>Board of Supervisors Approved:</b>
12/12/2018	2/14/2019	2/14/2019	

**FLUVANNA COUNTY BOARD OF SUPERVISORS  
MEETING PACKAGE ATTACHMENTS**

Y/N	Item
Y	Unassigned Fund Balance Report
Y	BOS Contingency Balance Report
Y	Capital Reserve Balances Memo
	Fluvanna County Bank Balances
	Building Inspections Report
	VDOT Monthly Report





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# COUNTY OF FLUVANNA

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*"Responsive & Responsible Government"*

P.O. Box 540  
Palmyra, VA 22963  
(434) 591-1910  
Fax (434) 591-1911  
[www.fluvannacounty.org](http://www.fluvannacounty.org)

## MEMORANDUM

**Date:** February 20, 2019  
**From:** Eric Pollitt – Management Analyst  
**To:** Board of Supervisors  
**Subject:** FY19 BOS Contingency Balance

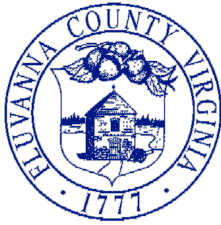
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The FY19 BOS Contingency line balance is as follows:

<b>Beginning Budget:</b>	<b>\$150,000.00</b>
Less: FY19 Non-Profit Budget Allocations Change – 05.16.18	-\$14,180.00
Less: FY19 C.A.R.E. Task Force Container for Clean Up Day – 09.19.18	-\$500.00
Less: FY19 Building & Program Feasibility Study – 11.20.18	-\$10,690.00
Less: FY19 Additional Public Safety Radios for St. Troopers – 12.19.18	-\$12,000.00
<b>Available:</b>	<b>\$112,630.00</b>







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## MEMORANDUM

**Date:** February 20, 2019  
**From:** Eric Pollitt – Management Analyst  
**To:** Board of Supervisors  
**Subject:** FY19 Capital Reserve Balances

The FY19 Capital Reserve account balances are as follows:

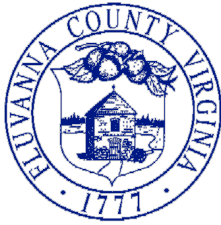
### County Capital Reserve:

<b>FY19 Budget Allocation:</b>	<b>\$0</b>
FY18 Carryover	\$67,256
FY18 Closed Out Projects	\$163,865
<b>Total FY19 Budget:</b>	<b>\$231,121</b>
Less: I.T. Air Conditioning Unit – 09.19.18	-\$7,000
Less: FSPCA Building Renovations – 10.17.18	-\$45,000
Less: Palmyra Rescue Squad Building Renovations – 10.17.18	-\$15,000
Less: Historic Courthouse Oil Furnace Replacement – 01.09.19	-\$8,948
Less: Social Services Heat Pump – 01.09.19	-\$6,061
<b>FY19 Available:</b>	<b>\$149,112</b>

### Schools Capital Reserve:

<b>FY19 Budget Allocation:</b>	<b>\$150,000</b>
FY18 Carryover	\$116,308
FY18 Closed Out Projects	\$13,046
<b>Total FY19 Budget:</b>	<b>\$266,308</b>
Plus: BOS Unassigned Fund Balance: Middle School Debt Proceeds – 09.19.18	\$72,001

Less: Abrams Abatement: Classroom & Crawl Space – 09.19.18	-\$72,001
Less: Carysbrook & Central Elementary Blacktop Repair – 09.19.18	-\$10,650
Less: Central Elementary School Partition – 09.19.18	-\$12,000
Less: Bus 21 Engine/ Motor Replacement – 11.07.18	-\$22,500
Less: FCHS Water Tank – 12.19.18	-\$2,450
Less: FMS Fire Alarm Install, Removal, and Replacement – 12.19.18	-\$4,422
<b>FY19 Available:</b>	<b>\$227,332</b>



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## MEMORANDUM

**Date:** February 20, 2019  
**From:** Eric Pollitt – Management Analyst  
**To:** Board of Supervisors  
**Subject:** Unassigned Fund Balance

<b>FY18 Year End Audited Total Unassigned Fund Balance:</b>	<b>\$14,532,691</b>
<b>Unassigned Fund Balance – 12% Target Per Policy:</b>	<b>\$8,687,777</b>
<b>Unassigned Fund Balance – Excess Above Policy Target:</b>	<b>\$5,844,914</b>
<b>Less: FY19 Abrams Abatement Classroom and Crawl Space – 09.19.18</b>	<b>-\$72,001</b>
<b>Less: FY19 Fire Hydrant Installation (JRWA) – 10.17.18</b>	<b>-\$142,500</b>
<b>Less: FY18-19 Various Carryover Requests – 11.20.18</b>	<b>-\$240,700</b>
<b>Current FY19 Unassigned Fund Balance – Excess Above Policy Target:</b>	<b>\$5,389,713</b>