

**City of Missoula**  
**Public Safety and Health Committee Agenda**

**Date:** October 16, 2019, 10:30 AM - 10:40 AM

**Location:** City Council Chambers

140 W. Pine Street, Missoula , MT

**Members:** Stacie Anderson, Julie Armstrong, Mirtha Becerra, Michelle Cares, John DiBari, Heather Harp, Jordan Hess, Gwen Jones, Julie Merritt, Jesse Ramos, Bryan von Lossberg, Heidi West

If anyone attending this meeting needs special assistance, please provide 48 hours advance notice by calling the City Clerk Office at 406-552-6079.

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**Pages**

**1. ADMINISTRATIVE BUSINESS**

**1.1 Roll Call**

**1.2 Approval of the Minutes**

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**2. PUBLIC COMMENT ON ITEMS NOT ON THE AGENDA**

**3. COMMITTEE BUSINESS**

**3.1 Referral-Purchase one Type 1 and one Type 2 Fire Engines**

Brad Davis

3

**Recommended motion:**

Authorize the Mayor to sign a contract with Hughes Fire Equipment in the amount of \$889,459.00 total for the purchase of one Type 1 and 1 Type 2 fire engines.

**4. ADJOURNMENT**

## Missoula City Council Public Safety and Health Committee Minutes

September 25, 2019

8:15 AM

City Council Chambers

140 W. Pine Street, Missoula , MT

**Members present:** Michelle Cares, John DiBari, Heather Harp, Jordan Hess, Gwen Jones, Julie Merritt, Jesse Ramos, Bryan von Lossberg, Heidi West  
**Members absent:** Stacie Anderson, Julie Armstrong, Mirtha Becerra

### 1. ADMINISTRATIVE BUSINESS

#### 1.1 Roll Call

#### 1.2 Approval of the Minutes

The minutes were approved as submitted.

### 2. PUBLIC COMMENT ON ITEMS NOT ON THE AGENDA

None

### 3. COMMITTEE BUSINESS

#### 3.1 Police Officer Confirmation

Police Cief Mike Brady broought forward the confirmation of Officers Casey Harvey, Sean McLean, Tyler Woods and Kyle Ferris. They have all completed their first year of employment, the academy, the field training program and have been working well in their new jbos and are a great asset to the department.

**Moved by:** Jordan Hess

Confirm Officers Casey Harvey, Sean McLean, Tyler Woods and Kyle Ferris

AYES: (9): Michelle Cares, John DiBari, Heather Harp, Jordan Hess, Gwen Jones, Julie Merritt, Jesse Ramos, Bryan von Lossberg, and Heidi West

ABSENT: (3): Stacie Anderson, Julie Armstrong, and Mirtha Becerra

**Vote results: Approved (9 to 0)**

#### 3.2 Fire Department Vehicle Purchase

Assistant Fire Chief Brad Davis asked the City Council to authorize the Missoula Fire Department to purchase one 2020 F250 crew cab pickup from Bison Motors of Great Falls, MT. The truck is for the new FTE Assisant Mechanic. They have \$40,000.00 approved in the core replacement for this purchase. He is asking to tag on to the state bid to purchase a pickup from Bison Motors.

**Moved by:** Jesse Ramos

authorize the Missoula Fire Department to purchase one 2020 F250 crew cab pickup from Bison Motors of Great Falls, MT.

AYES: (9): Michelle Cares, John DiBari, Heather Harp, Jordan Hess, Gwen Jones, Julie Merritt, Jesse Ramos, Bryan von Lossberg, and Heidi West

ABSENT: (3): Stacie Anderson, Julie Armstrong, and Mirtha Becerra

**Vote results: Approved (9 to 0)**

**4. ADJOURNMENT**

Adjourned



**City of Missoula, Montana**  
**Item to be Referred to City Council Committee**

**Committee:** Public Safety and Health

**Item:** Referral-Purchase one Type 1 and one Type 2 Fire Engines

**Date:** October 3, 2019

**Sponsor(s):** Brad Davis

**Prepared by:** Cathy Janney

**Ward(s) Affected:**

<input type="checkbox"/> Ward 1	<input type="checkbox"/> Ward 4
<input type="checkbox"/> Ward 2	<input type="checkbox"/> Ward 5
<input type="checkbox"/> Ward 3	<input type="checkbox"/> Ward 6
<input checked="" type="checkbox"/> All Wards	<input type="checkbox"/> N/A

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**Action Required:**

Authorize the purchase of one Type 1 and one Type 2 fire engines from Hughes Fire Equipment.

**Recommended Motion(s):**

I move the City Council: Authorize the Mayor to sign a contract with Hughes Fire Equipment in the amount of \$889,459.00 total for the purchase of one Type 1 and one Type 2 fire engines.

**Timeline:**

Referral to committee:	October 3, 2019
Committee discussion:	October 16, 2019
Council action (or sets hearing):	NA
Public Hearing:	NA
Deadline:	November 1, 2019

**Background and Alternatives Explored:**

Competitive bids were solicited through Fire Rescue GPO.  
The Type 1 engine will replace the Type 1 2002 Pierce Saber.  
The Type 2 engine will replace the Type 2 2000 Smeal.

**Financial Implications: \$540,956.00-Type 1**  
**\$348,503.00-Type 2**  
**\$889,459.00-TOTAL**

**Links to external websites:**



October 9, 2019

Missoula Fire Department, MT  
One (1) Impel PUC Pumper AS754  
Build Location: Appleton, WI

Proposal Price 568,213.00

Less chassis progress payment discount (9,576.00)

The chassis progress payment in the amount of \$319,190.00 will be due three (3) months prior to the ready for pick up from the factory date.

Less payment upon completion @ factory discount (5,129.00)

\* Deduct for 100% pre-payment with contract (6,522.00)

If this option is elected, the discount is in addition to the chassis progress payment discount and the payment upon completion at the factory discount.

Subtotal including all pre-pay discounts 546,986.00

Less customer drive-out discount (4,500.00)

If this option is elected payment in full and proof of insurance must be provided prior to leaving the factory and the customer is responsible for compliance with all state, local and federal DOT requirements including the driver possessing a valid CDL license.

Less performance bond (1,530.00)

Proposal price including discounts 540,956.00

#### Terms:

Based on Pierce's current delivery schedule the unit would be ready for delivery from factory within 7 to 10 months after contract execution. Delivery is subject to change pending Pierce's delivery schedule at time of order.

The above pricing is valid until January 31, 2020. If order is not submitted prior to that date, a 3% price increase will be required.

The above quote is subject to change.

An invoice will be provided 30 days prior to the chassis payment due date if elected.

If payment discount options are not elected standard payment terms will apply: Final payment will be due 30 days after the unit leaves the factory for delivery. If payment is not made at that time a late fee will be applicable.

An invoice will be provided upon order processing for the 100% prepayment if elected.

The Purchasing Documents will be between Hughes Fire Equipment and the customer.

The proposal price is based on the unit being purchased through FireRescue GPO / NPPGov. This pricing is only valid for a FireRescue GPO / NPPGov purchase on PPA MPA for RFP No. 1420. Member ID# M-5700712

Transportation of the unit to be driven from the factory is included in the pricing. However, if we are unable to obtain necessary permits, due to the weight of the unit, and the unit must be transported on a flat bed, additional transportation charges will be the responsibility of the purchaser. We will provide pricing at that time if necessary.

One (1) factory inspection trip for two (2) fire department customer representatives and one (1) factory inspection trip for four (4) fire department customer representatives is included in the above pricing. The inspection trips will be scheduled at times mutually agreed upon between the manufacture's representative and the customer. Airfare, lodging and meals while at the factory are included. If the Department elects to forgo an inspection trip \$1,850.00 per traveler (per trip) will be deducted from the final invoice.



# Proposal Option List

10/10/2019

**Customer:** Missoula Fire Department  
**Representative:** Siebers, Andrew  
**Organization:** Hughes Fire Equipment, Inc  
**Requirements Manager:**  
**Description:** Missoula Impel PUC Pumper 2019  
**Body:** Pumper, PUC, Aluminum  
**Chassis:** Impel Chassis, PUC, 2010

**Bid Number:** 754  
**Job Number:**  
**Number of Units:** 1  
**Bid Date:** 09/06/2019  
**Stock Number:**  
**Price Level:** 38 (Current: 38)

Line	Option	Type	Option Description	Qty
1	0766589		Boiler Plates, PUC Pumper	1
			Fire Department/Customer - Missoula Fire Department	
			Operating/In conjunction W-Service Center - In Conjunction	
			Miles - 25 Miles	
			Number of Fire Dept/Municipalities - 10	
			Bidder/Sales Organization - Pierce Manufacturing	
			Delivery - A qualified delivery representative shall deliver the apparatus.	
			Dealership/Sales Organization, Service - Hughes Fire Equipment	
2	0661794		Single Source Compliance	1
3	0584456		Manufacture Location, Appleton, Wisconsin	1
4	0584452		RFP Location: Appleton, Wisconsin	1
5	0588609		Vehicle Destination, US	1
6	0670275		Unit to be Similar in some Aspects, Excluding Pump Panel	1
			Fill in Blank - truck 30716	
7	0610784		Comply NFPA 1901 Changes Effective Jan 1, 2016, With Exceptions	1
8	0533347		Pumper/Pumper with Aerial Device Fire Apparatus	1
9	0588611		Vehicle Certification, Pumper	1
10	0661778		Agency, Apparatus Certification, Pumper/Tanker, U.L.	1
11	0000114		Inspection Trip(s)	2
			Qty, - 02	
			Fill in Blank - two (2)	
12	0536644		Customer Service Website	1
13	0620361		Consortium, GPO	1
14	0537375		Unit of Measure, US Gallons	1
15	0529326		Bid Bond, 10%, Pierce Built Chassis	1
16	0540326		Performance Bond, Not Requested	1
17	0000007		Approval Drawing	1
18	0002928		Electrical Diagrams	1
19	0597573		Impel Chassis, PUC, 2010	1
20	0000110		Wheelbase	1
			Wheelbase - 193.00"	
21	0000070		GVW Rating	1
			GVW rating - 46,500#	
22	0000203		Frame Rails, 13.38 x 3.50 x .375, Qtm/AXT/Imp/Vel/DCF	1
23	0020018		Frame Liner Not Req'd	1
24	0508848		Axle, Front, Oshkosh TAK-4, Non Drive, 19,500 lb, Imp/Vel	1
25	0030264		Suspension, Front TAK-4, 19,500 lb, Qtm/AXT/Imp/Vel/Dash CF/Enf	1
26	0087572		Shock Absorbers, KONI, TAK-4, Qtm/AXT/Imp/Vel/DCF/Enf	1
27	0000322		Oil Seals, Front Axle	1
28	0582936		Tires, Front, Goodyear, G289 WHA, 315/80R22.50, 20 ply	1
29	0655339		Wheels, Front, Accuride, 22.50" x 9.00", Steel, Hub Pilot, 315/80R Tire	1
30	0530465		Axle, Rear, Meritor RS25-160, 27,000 lb, Imp/Vel/Dash CF	1
31	0544253		Top Speed of Vehicle, 68 MPH	1
32	0122075		Suspen, Rear, Standens, Spring, 27,000 lb, Imp/Vel/Dash CF	1
33	0000485		Oil Seals, Rear Axle	1
34	0587216		Tires, Rear, Goodyear, G622 RSD, 12R22.50, 16 ply, Single	1
35	0654806		Wheels, Rear, Accuride, 22.50" x 8.25", Steel, Hub Pilot, Single	1
36	0568081		Tire Balancing, Counteract Beads	1
37	0620570		Tire Pressure Monitoring, RealWheels, AirSecure, Valve Cap, Single Axle	1
			Qty, Tire Pressure Ind - 6	
38	0002045		Mud Flaps, w/logo front & rear	1

Line	Option	Type	Option Description	Qty
39	0760675		Chains, Onspot, Automatic Tire, Custom	1
40	0602478		Chocks, Wheel, Pumper, NFPA, Provided by Fire Department, NFPA 2016	1
41	0544690		Mounting Brackets, Chocks, Provided by Fire Department	1
42	0010671		ABS/ATC Wabco Brake System, Single Rear Axle	1
43	0030185		Brakes, Knorr/Bendix 17", Disc, Front, TAK-4	1
44	0509206		Brakes, Meritor, EX225, Disc Plus, Rear, Single Axle	1
45	0020784		Air Compressor, Brake, Cummins/Wabco 18.7 CFM	1
46	0000785		Brake Reservoirs, Three	1
47	0568012		Air Dryer, Wabco System Saver 1200, Heater, 2010	1
48	0000790		Brake Lines, Nylon	1
49	0000854		Air Inlet, w/Disconnect Coupling	1
			Location, Air Coupling(s) - a) DS Step Well, Forward	
			Qty, Air Coupling (s) - 1	
50	0795323		Engine, Cummins L9, 450 hp, 1250 lb-ft, W/OBD, EPA 2017, REPTO, Imp/Vel	1
51	0001244		High Idle w/Electronic Engine, Custom	1
52	0687994		Engine Brake, Jacobs Compression Brake, Cummins Engine	1
			Switch, Engine Brake - e) ISC/ISM/ISL9/ISX Hi Med Lo	
53	0552334		Clutch, Fan, Air Actuated, Horton Drive Master	1
54	0123135		Air Intake, w/Ember separator, Imp/Vel	1
55	0794761		Exhaust System, 4", 2017 L9 Engine, Horizontal, Right Side	1
56	0787999		Radiator, Impel/Velocity	1
57	0616439		Cooling Hoses, Gates Silicone	1
58	0001125		Fuel Tank, 65 Gallon, Left Side Fill	1
59	0001129		Lines, Fuel	1
60	0692516		DEF Tank, 4.5 Gallon, DS Fill, Rear of Axle, Common Door, Spring Flip Door	1
			Door, Material & Finish, DEF Tank - Polished Stainless	
61	0552793		Not Required, Fuel Priming Pump	1
62	0582243		Shutoff Valves, Fuel Line @ Primary Filter, Cummins	1
63	0699437		Cooler, Chassis Fuel, Not Req'd.	1
64	0690880		No Selection Required From This Category	1
65	0642572		Trans, Allison 5th Gen, 3000 EVS P, w/Prognostics, Imp/Vel/DCF/SFR/Enf	1
66	0625329		Transmission, Shifter, 5-Spd, Push Button, 3000 EVS	1
67	0517604		Transmission Programming, Park to Neutral, PUC	1
68	0684459		Transmission Oil Cooler, Modine, External	1
69	0001370		Driveline, Spicer 1710	1
70	0669988		Steering, Sheppard M110 w/Tilt, TAK-4, Eaton Pump, w/Cooler	1
71	0001544		Not Required, Steering Assist Cylinder on Front Axle	1
72	0509229		Steering Wheel, 2 Spoke	1
73	0690274		Logo/Emblem, on Dash	1
			Text, Row (1) One - MISSOULA	
			Text, Row (2) Two - FIRE	
			Text, Row (3) Three - DEPARTMENT	
74	0123624		Bumper, 16" Extended, Imp/Vel	1
75	0616508		Tray, Hose, Center, 16" Bumper, Outside Air Horns, Imp/Vel	1
			Grating, Bumper extension - Grating, Rubber	
			Capacity, Bumper Tray - 19) 100' of 1.75"	
76	0633479		Hose Restraint, Bumper Tray, Velcro Straps, Pair	1
			Qty, Pair - 01	
77	0510226		Lift & Tow Package, Imp/Vel, AXT, Dash CF	1
78	0522573		Tow Hooks Not Required, Due to Lift and Tow Package	1
79	0689308		Notch, Front For Recessing Of Q2B, Stainless Bumper	1
			Location - passenger side	
80	0668316		Cab, Impel FR, 7010 Raised Roof, PUC	1
81	0668309		Engine Tunnel, ISL and DD13, Impel/Velocity FR	1
82	0677478		Rear Wall, Exterior, Cab, Aluminum Treadplate	1
83	0122466		Cab Lift, Elec/Hyd, w/Manual Override, Imp/Vel	1
84	0123176		Grille, Bright Finished, Front of Cab, Impel/Velocity	1
85	0631566		Scuffplates, S/S At Cab Door Jambs, Quantity	2
			Location - front doors only	
			Qty, - 02	
			Material Trim/Scuffplate - c) S/S, Polished	

Line	Option	Type	Option Description	Qty
86	0527034		Trim, S/S Band, Across Cab Face, Rect Lights, Impel Material Trim/Scuffplate - b) S/S, Brushed Turnsignal Covers - No Covers	1
87	0087357		Molding, Chrome on Side of Cab	1
88	0521669		Mirrors, Retractable, West Coast Style, Htd/Rmt, w/Htd/Rmt Convex	1
89	0667942		Door, Half-Height, Impel FR 4-Door Cab, Raised Roof Key Model, Cab Doors - 1041	1
90	0655511		Door Panel, Brushed Stainless Steel, Impel/Velocity 4-Door Cab	1
91	0667905		Storage Pockets w/ Elastic Cover, Recessed, Impel/Velocity FR	1
92	0667902		Controls, Electric Windows, All Cab Doors, Impel/Velocity FR	1
93	0555485		Steps, 4-Door Full Tilt Cab, Imp/Vel	1
94	0770194		Handrail, Exterior, Knurled, Alum, 4-Door Cab	1
95	0509649		Lights, Cab and Crew Cab Access Steps, P25, LED w/Bezel, 1Lt Per Step	1
96	0002140		Fenders, S/S on Cab	1
97	0586564		Window, Side of C/C, Fixed, w/EMS Cabinet, Imp/Vel	1
98	0553144		Trim, Cab Side Windows, Impel	1
99	0012090		Not Required, Windows, Front/Side of raised roof	1
100	0509286		Not Required, Windows Rear of Crew Cab, Imp/Vel	1
101	0558334		Not Required, Trim, Cab Rear Windows, No Rear Windows	1
102	0664452		Bracket, Air Bottle, Zico, ULLH, Load & Lock Location - driver side crew cab rear wall outboard, down low, reachable from the ground if possible Qty, - 01	1
103	0748680		Cab Interior, Vinyl, Painted Walls, Imp/Vel FR, CARE Color, Cab Interior Vinyl/Fabric - Endure Vinyl - Silver/Gray Cab Interior Rear Wall Material - Painted Aluminum	1
104	0667943		Cab Interior, Paint Color, Impel/Velocity FR Color, Cab Interior Paint - a) gray	1
105	0509532		Floor, Rubber Padded Cab & Crew Cab, Imp/Vel, Dash CF	1
106	0667936		Heater/defroster, Dual Zone Control, Impel/Velocity FR	1
107	0603347		Air Conditioning, Dual Zone Control, Impel/Velocity FR Paint Color, A/C Condenser - Painted by OEM	1
108	0639675		Sun Visor, Smoked Lexan, AXT, Dash CF, Imp/Vel, Saber FR/Enforcer Sun Visor Retention - No Retention	1
109	0548173		Grab Handles, Driver and Passenger Door Post, Imp/Vel	1
110	0583938		Lights, Engine Compartment, Custom, Auto Sw, WIn 3SC0CDCR, 3" LED, Trim Qty, - 01	1
111	0122516		Fluid Check Access, Imp/Vel	1
112	0583039		Not Required, Side Roll and Frontal Impact Protection	1
113	0622618		Seating Capacity, 5 Seats	1
114	0678508		Seat, Driver, Bostrom, Sierra, Air Ride, High Back, 2010 Bostrom, Zip Clean Cover - (0) None	1
115	0620309		Seat, Officer, Bostrom 450, Air Ride, SCBA, Imp/Vel	1
116	0002517		Not Required, Radio Compartment	1
117	0678470		Seat, Rear Facing C/C, DS Outboard, Bostrom Sierra, Hi-Back, 2010	1
118	0102783		Not Required, Seat, Rr Facing C/C, Center	1
119	0745780	SP	Cabinet, Rear Facing, RS, 19 W x 20 H x 21 D, Web, Sp Mtg, Imp/Vel Type of fastener - spring clip and hook Restraint Location - Bottom (towards the ground) Light, Short Cabinet - Pierce, Interior, Left Side Material Finish, Shelf - 0-No Shelving Shelf/Tray, Cabinet - (0) None Louvers, Cabinet - 0-No Louvers	1
120	0108189		Not Required, Seat, Forward Facing C/C, DS Outboard	1
121	0678305		Seat, Forward Facing C/C, Center, (2) Bostrom 400CT, SCBA, 2010	1
122	0108190		Not Required, Seat, Forward Facing C/C, PS Outboard	1
123	0007968		Upholstery, Seats In Cab, All Dura-Wear, Bostrom Color, Cab Interior Vinyl/Fabric - h) Gray/Black	1
124	0677039		Bracket, Air Bottle, Bostrom "SecureAll", Cab Seats, Bostrom Only Qty, - 03	3
125	0603867		Seat Belt, ReadyReach Seat Belt Color - Red	1

Line	Option	Type	Option Description	Qty
126	0604864		Seat Belt Height Adjustment, 5 Seats, Imp/Vel, Dash CF	1
127	0602464		Helmet Storage, Provided by Fire Department, NFPA 2016	1
128	0647647		Lights, Dome, FRP Dual LED 4 Lts	1
			Color, Dome Lt - Red & White	
			Color, Dome Lt Bzl - Black	
			Control, Dome Lt White - Door Switches and Lens Switch	
			Control, Dome Lt Color - Lens Switch	
129	0631779		Light, Map, Overhead, Round Halogen, AXT/Imp/Vel/Dash CF, Hawk EX	1
			12vdc power from - Battery switched	
130	0602637		Portable Hand Light, Provided by Fire Dept, Pumper NFPA 2016 Classification	1
131	0594554		Cab Instruments, Blk Gags, Blk Bez, Impel 2010	1
132	0509511		Air Restriction Indicator, Imp/Vel, AXT, Dash CF, Enf MUX	1
133	0543751		Light, Do Not Move Apparatus	1
			Alarm, Do Not Move Truck - Pulsing Alarm	
134	0509042		Messages, Open Door/Do Not Move Truck, MUX w/Color Display	1
135	0611681		Switching, Cab, Membrane, Impel/Veloc/Quantum, Dash CF, AXT WiFi MUX	1
			Location, Emerg Sw Pnls - Driver's Side Overhead	
136	0555915		Wiper Control, 2-Speed with Intermittent, MUX, Impel/Veloc	1
137	0548006		Wiring, Spare, 15 A 12V DC 2nd	1
			Qty, - 01	
			12vdc power from - Battery direct	
			Wire termination - Butt Splice	
			Location - two foot pigtail coiled up behind switch panel no. 9 in the lower instrument panel	
138	0566101		Recess, Dash Panel, Officer Side, Vel/Imp	1
139	0615214		Vehicle Information Center, LCD On Gauge Cluster w/7" Color Disp, Touchscreen, Imp	1
			Location, CZ Display - DS Instrument Panel, Impel Camera System	
			System Of Measurement - US Customary	
140	0606247		Vehicle Data Recorder w/CZ Display Seat Belt Monitor	1
141	0594900		Intercom, Sigtronics US-45S, 5-Pos, 3-Radio, D,O,2C,P	1
			Location, Intercom, C Cab - 2) 2 forward facing seats	
142	0009063		Not Required, Radio Interface	1
143	0681408		Hangers For Headsets, NFPA, Each	4
			Qty, - 04	
			Location, Headset Hangers - Driver Seat, Officer Seat, DS Inbrd, Fwrd Fcng Seat and PS Inbrd, Fwrd Fcng Seat	
144	0696443		Antenna Mount, Custom Chassis, Cable Routed to Overhead Switch Area	1
			Location - officer side, standard location	
			Qty, - 01	
145	0755515		Camera, Pierce, Drivers Mux Display, R, RS Cameras	1
			Camera System Audio - Not Provided	
146	0523921		Recess, Rear Vision Camera	1
			Location, Camera, Recessed - Center Rear	
147	0615106		Pierce Command Zone, Advanced Electronics & Control System, Impel, WiFi	1
148	0624255		Electrical System, Impel	1
149	0079166		Batteries, (4) Exide Grp 31, 950 CCA ea, Threaded Stud	1
150	0008621		Battery System, Single Start, All Custom Chassis	1
151	0123174		Battery Compartment, Imp/Vel	1
152	0756292		Charger, Sngl Sys, Kussmaul, 1200 PLC, 091-187-12-Remote Ind Fet 40Amp	1
			Battery Chrg Display, Ksml - Bar Graph Ind, part number 091-199-001 bar graph	
153	0539734		Location, Charger, Cab Behind Driver Seat	1
154	0531403		Location, Bat Chrg Ind, Driver's Seat with Bracket	1
155	0016856		Shoreline, 15A 120V, Kussmaul Auto Eject, 091-55-15-120, Super	1
			Qty, - 01	
			Color, Kussmaul Cover - b) red	
			Connection, Shoreline - the battery charging system and R1 receptacle	
156	0026800		Shoreline Location	1
			Location, Shoreline(s) - DS Cab Side	
157	0647728		Alternator, 430 amp, Delco Remy 55SI	1
158	0092582		Load Manager/Sequencer, MUX	1
			Enable/Disable Hi-Idle - e)High Idle enable	

Line	Option	Type	Option Description	Qty
159	0648716		Headlights, Rectangular Halogen, Imp/Vel	1
160	0648425		Light, Directional, WIn 600 Cmb, Cab Crn, Imp/Vel/AXT/Qtm/DCF Color, Lens, LED's - m)match LED's	1
161	0750542		Light, Directional/Marker, Intermediate, Truck-Lite 60421Y LED 2lts	1
162	0648074		Lights, Clearance/Marker/ID, Front, P25 LED 7 Lts	1
163	0088869		Lights, Clearance/Marker/ID, Rear, Truck-Lite 26250R LED 7Lts	1
164	0517025		Lights, Tail, Wrap-around, Stop/Tail, Turn & Backup LED, Tri-Cluster	1
165	0085910		Lights, Backup Included in Signal Cluster	1
166	0664481		Bracket, License Plate & Light, P25 LED	1
167	0589905		Alarm, Back-up Warning, PRECO 1040	1
168	0687604		Lights, Perimeter Cab, Truck-Lite 6060C LED 4Dr, Grommet Mt	1
169	0617866		Lights, Perimeter Pump House, Truck-Lite 6060C LED 2lts	1
170	0683575		Lights, Perimeter Body, Truck-Lite 6060C LED 2ts, Rear Step Control, Perimeter Lts - Parking Brake Applied	1
171	0533430		Lights, Perimeter, Truck-Lite 6060C LED Grommet Mnt Qty, Lights - 02 Location, Lights - one under LS3 and one under RS3	2
172	0556337		Lights, Step, P25 LED at Rear Tailboard, 2lts Perm Lts	1
173	0709537		Light, FRC, 12V FCA210-V15, LED, Recessed Evolution II, 2nd Location, Lights - as high as possible on the right side of the cab, rear of the crew cab door up high Qty, - 01 Switch, Lt Control 1 DC,1 - a) DS Switch Panel Switch, Lt Control 2 DC,2 - g) PS Switch Panel Switch, Lt Control 3 DC,3 - d) No Control Switch, Lt Control 4 DC,4 - d) No Control Color, Lt Housing - White	1
174	0709536		Light, FRC, 12V FCA210-V15, LED, Recessed Evolution II, 1st Location, Lights - as high as possible on the left side of the cab, rear of the crew cab door up high Qty, - 01 Switch, Lt Control 1 DC,1 - a) DS Switch Panel Switch, Lt Control 2 DC,2 - g) PS Switch Panel Switch, Lt Control 3 DC,3 - d) No Control Switch, Lt Control 4 DC,4 - d) No Control Color, Lt Housing - White	1
175	0618301		Light, Visor, FRC, 12V SPA851-Q15-*, LED 1st Qty, - 01 Location, driver's/passenger's/center - Centered Switch, Lt Control 1 DC,1 - a) DS Switch Panel Switch, Lt Control 2 DC,2 - g) PS Switch Panel Switch, Lt Control 3 DC,3 - d) No Control Color, FRC/Rom Lt Housing - FRC White	1
176	0771989		Lights, FRC, FCA***-V20, 20,000 Lum, 12 VDC, 2nd Location - left, driver side rear of the cab Qty, - 01 Color, FRC/Rom Lt Housing - FRC White Lts Control, Scene Lts - Pump Panel Sw DS Mount, FRC - Vert Surface Mount, Push-Up Pole, Model 530, DNMT	1
177	0771987		Lights, FRC, FCA***-V20, 20,000 Lum, 12 VDC, 3rd Location - right, passenger side rear of the cab Qty, - 01 Color, FRC/Rom Lt Housing - FRC White Lts Control, Scene Lts - Pump Panel Sw DS Mount, FRC - Vert Surface Mount, Push-Up Pole, Model 530, DNMT	1
178	0774334		Lights, WIn, P*H1* Pioneer, 12 VDC, 2nd Location - one each side up high on the rear bulkheads Qty, - 02 Color, WIn Lt Housing - White Paint Control, Scene Lts - Cab Sw Panel DS, Pump Panel Sw DS, Cab Sw Panel PS and Body Switch, DS Rear Bulkhead Scene Light Optics - Flood/Spot Mount, WIn II - Semi-recessed 15 deg P**1	2
179	0532358		Not Required, Deck Lights, Other Hose Bed & Rear Lighting	1

Line	Option	Type	Option Description	Qty
180	0645675		Lights, Not Required, Hose Bed, Alt. Pole Lights On Back Of Cab/In Pump House	1
181	0645677		Lights, Not Required, Rear Work, Alt. 12 Volt Lights At Rear Body	1
182	0645637		Lights, Rear Scene, WIn, PELCC LED, 45 Deg Flange	2
			Location, Lights - just above the lower rear warning lights	
			Qty, - 02	
			Control, Rear Scene Lts - Cab Switch Panel DS and Body Switch, DS	
			Rear Bulkhead	
183	0709438		Light, Walking Surf, FRP Flood, LED	1
184	0518282		Pumper, PUC, Aluminum	1
185	0554271		Body Skirt Height, 20"	1
186	0519696		Tank, Water, 500 Gallon, Poly, Rectangle, Form Fitting, PUC	1
187	0003405		Overflow, 4.00" Water Tank, Poly	1
188	0028104		Foam Cell Required	1
189	0633066		Sleeve, Through Tank	2
			Qty, Sleeve - 2	
			Water Tank Sleeve - Plumbing/Hydraulic Diameter - 3" Plumbing	
190	0553729		Not Required, Restraint, Water Tank, Heavy Duty	1
191	0003429		Not Required, Direct Tank Fill	1
192	0003424		Not Required, Dump Valve	1
193	0048710		Not Required, Jet Assist	1
194	0030007		Not Required, Dump Valve Chute	1
195	0514778		Not Required, Switch, Tank Dump Master	1
196	0597043		Body Height, PUC	1
			Body Height - 89.00"	
197	0199241		Hose Bed, Aluminum, Pumper, PUC	1
198	0003482		Hose Bed Capacity, Additional	1
			Capacity, Hosebed - 750' of 2.50" / Shoulder Pack / 200' of 2.00" / 1200' of 5.00" / 400' of 1.50" / Walkway	
199	0003488		Divider, Hose Bed, Unpainted	3
			Qty, Hosebed Dividers - 3	
200	0589278		Hose Restraint, Hose Bed, Velcro Strap on Top, 2" Heavy Nylon Web at Rear	1
			Type of fastener - seat belt buckle	
			Nylon Web Color - Black	
			Type of fastener, Rear - seat belt buckle - bottom of hosebed	
201	0665332		Cross-divider, Hose Bed, Unpainted	1
			Location - behind the foam and water domes	
202	0620895		Cutout, Handhold, in Hose Bed Divider, Location	1
			Location - PS Divider (between hosebed #5 & #6)	
			Qty, - 01	
203	0581892		Divider, Hose Bed, .25" Sheet, Unpainted, Permanent	2
			Location - at the step above the full-height compartments	
			Qty, - 02	
204	0525658		Running Boards, PUC	1
205	0676723		Tailboard, 16" Deep, Full Width, Angled Corners, PUC	1
206	0690029		Wall, Rear, Body Material, PUC, PUC Tanker, PRM	1
207	0003531		Tow Bar, Under Tailboard	1
208	0656764		Construction, Compt, Alum, Pumper, PUC	1
209	0503804		LS 189" Rollup, (1) 62" Fwd, (1) 52" Rr, Full Height & Depth Front & Rear, PUC	1
210	0503803		RS 189" Rollup, (1) 62" Fwd, (1) 52" Rr, Full Height & Depth Front & Rear, PUC	1
211	0692733		Doors, Rollup, Gortite, Side Compartments	6
			Qty, Door Accessory - 06	
			Color, Roll-up Door, Gortite - Painted to Match Lower Body	
			Latch, Roll-up Door, Gortite - Non-Locking Liftbar	
212	0599445		Compt, Rear, Rollup, 33.50" FF, w/Tailboard, PUC	1
213	0692743		Door, Gortite, Rollup, Rear Compartment, PUC	1
			Color, Roll-up Door, Gortite - Satin finish	
			Latch, Roll-up Door, Gortite - Non-Locking Liftbar	
214	0616670		Lights, Compt, Pierce LED, Dual Light Strips, Each Side of Door, Pumper/Tanker	7
			Qty, - 07	
			Location, Compartment Lights - All Body Compts	
215	0515676		No Hatch Compartments Required, PUC	1
216	0522640		No Hatch Compartments or Lights	1
217	0687145		Shelf Tracks, Recessed, PUC/3rd Generation	1

Line	Option	Type	Option Description	Qty
218	0600350		Shelves, Adj, 500 lb Capacity, Full Width/Depth, Predefined Locations Qty, Shelf - 06 Material Finish, Shelf - Painted - Spatter Gray Location, Shelves/Trays, Predefined - LS1-Transition Point, RS1-Centered, RS3-Centered, LS3-Upper Third, LS1-Upper Third and LS3-Transition Point	6
219	0647091		Tray, Floor Mounted, Slide-Out, 500lb, 2.00" Sides Qty, - 02 Location, Tray Slide-Out, Floor Mounted - LS1 and B1 Material Finish, Tray - Painted - Spatter Gray	2
220	0650435		Toolboard, Swing-Out, Alum, .188", No Holes, 3G location - LS2 Qty - 1 Location, Pivot - Back Mounting, Toolboard - Adjustable Frt-back Finish, Pegboard/Toolboard - Painted - Spatter Gray	1
221	0519798		Little Giant Ladder Storage, Model 17, Jump Compt Horizontal, PUC	1
222	0516644		Mounting, Backboards, Above Crosslays, PUC Qty, - 02 Size - 2 x 18 x 72, Partition needs to be located 6" forward of the rear wall	2
223	0063064		Rub Rail, Aluminum Extruded, Side of Body, 3rd Gen Body	1
224	0515441		Fender Crowns, Rear, S/S, W/Removable Fender Liner, Pumper, 3rd Gen Material Finish, Fender Liner - Brushed Stainless	1
225	0519849		Not Required, Hose, Hard Suction	1
226	0527021		Handrails Located @ Front Body	1
227	0664688		Handrails, Rear, PUC	1
228	0000941		No Rear Hose Bed Handrail Required	1
229	0657651		Compt, Air Bottle, Double, Full Width Door, Fender Panel Qty, Air Bottle Comp - 2 Door Finish, Fender Compt - Polished Location, Fender Compt - Double - RS Fwd and Double - RS Rear Latch, Air Bottle Compt - Flush Lift & Turn Insert, Air Bottle Compt - W-Shaped Insert	2
230	0795333		Compt, Air Bottle, Single, Fender Panel, Bolt-In Qty, Air Bottle Comp - 1 Door Finish, Fender Compt - Polished Location, Fender Compt - Single - LS Fwd Latch, Air Bottle Compt - Flush Lift & Turn Insert, Air Bottle Compt - Rubber Matting	1
231	0004225		Ladder, 24' Duo-Safety 900A 2-Section	1
232	0004230		Ladder, 14' Duo-Safety 775A Roof	1
233	0638382		Rack, Ladders, in LS Full Depth Body, PUC Door, Material & Finish, Ladder Storage - smooth aluminum Latch, Door Ladder Storage - D-Handle latch	1
234	0014245		Ladder, 10' Duo-Safety Folding 585A, w/Mounting Location, Folding Ladder - DS Pike Pole Compt	1
235	0602877		Pike Pole, Pumper, Provided by Fire Department, NFPA 2016 Pike Pole Make/Model - Duo-Safety 10' Pike Pole	1
236	0602875		Pike Pole, 6', Pumper, Provided by Fire Department, NFPA 2016 Pike Pole Make/Model - Duo-Safety 6' Pike Pole	1
237	0556751		Compt, Pike Poles/Fld Ldr In Upper Body (1) LS, Smooth Alum Door, PUC	1
238	0521734		No Steps Required, Front Of Body, PUC	1
239	0586586		Steps, Folding, Rear of Body, w/LED, Trident, PUC Coating, Step - luminescent	1
240	0524828		Pump, Pierce, 1250 GPM, Single Stage, PUC	1
241	0515822		Seal, Mechanical, Silicon Carbide, PUC Pump	1
242	0515705		Gear Case, Pierce Pump, REPTO-Clutch Drive	1
243	0521309		Pumping Mode, Pump and Roll/Stationary, Basic, PUC	1
244	0515829		Pump Shift, Sure-Shift	1
245	0515833		Transmission Lock-up, Not Req'd, Park to Neutral, Pump, PUC	1
246	0515835		Auxiliary Cooling System, PUC	1
247	0014486		Not Required, Transfer Valve, Stage Pump	1

Line	Option	Type	Option Description	Qty
248	0777650		Valve, Relief Intake, Akron	1
			Pressure Setting - 125 psig	
249	0515838		Controller, Pressure, Pierce, PUC	1
250	0072153		Primer, Trident, Air Prime, Air Operated	1
251	0780359		Manuals, Pump, (2) Total, Electronic Copies, Pierce PUC Pump	1
252	0602496		Plumbing, Stainless Steel and Hose, Single Stage Pump, PUC	1
253	0795135		Plumbing, Stainless Steel, w/Foam System	1
254	0517852		Inlets, 6.00" - 1500 GPM, Pierce PUC Pump	1
255	0004646		Cap, Main Pump Inlet, Long Handle, NST, VLH	1
256	0084610		Valves, Akron 8000 series- All	1
257	0004660		Inlet, Left Side, 2.50"	1
258	0004680		Inlet, Right Side, 2.50"	1
259	0520002		Valve, Inlet(s) Recessed, Side Cntrl, PUC	2
			Qty, Inlets - 2	
260	0521137		Anode, Zinc, Pair, Pump Inlets, PUC	1
261	0004700		Control, Inlet, at Valve	1
262	0092569		No Rear Inlet (Large Dia) Requested	1
263	0092696		Not Required, Cap, Rear Inlet	1
264	0064116		No Rear Inlet Actuation Required	1
265	0009648		No Rear Intake Relief Valve Required on Rear Inlet	1
266	0092568		No Rear Auxiliary Inlet Requested	1
267	0563738		Valve, .75" Bleeder, Aux. Side Inlet, Swing Handle	1
268	0520277		Tank to Pump, (1) 3.00" Valve, 4.00" Plumbing, PUC	1
269	0595508		Outlet, Tank Fill, 1.50", PUC	1
270	0516755		Outlet, Left Side, 2.50" (2), PUC	1
271	0766761		Outlet, Right Side, 2.50", (1), Electric Akron 9335 Controller, PUC	1
			Qty, Discharges - 01	
272	0766992		Outlet, Right Side, 4" w/4" Valve, Akron 9335 Elec Controller, PUC	1
273	0649939		Outlet, Front, 1.50" w/2" Plumbing	1
			Fitting, Outlet - 1.50" NST with 90 degree swivel	
			Drain, Front Outlet - Automatic	
			Location, Front, Single - in center bumper tray	
274	0516777		Outlet, Rear, 2.50", (1), Thru Tank, PUC	1
			Qty, Discharges - 01	
			Location, Outlet - a) right side	
275	0516782		Outlet, Rear, 2.50" w/2.50" Plumbing, Thru Tank, PUC, Additional	1
			Qty, Discharges - 01	
			Location, Outlet - b) left side	
276	0752097		Caps/Plugs for 1.00" to 3.00" Discharges/Inlets, Chain	1
277	0563739		Valve, 0.75" Bleeder, Discharges, Swing Handle	1
278	0055095		Not Required, Elbow, Left Side Outlets, 2.50"	1
279	0021134		Not Required, Elbow, Right Side Outlets	1
280	0045091		Elbow, Rear Outlets, 45 Degree, 2.50" FNST x 2.50" MNST, VLH	1
281	0536635		Elbow, Rear Outlets, 45 Degree, 2.50" FNST x 2.50" MNST, VLH, PUC, Additional	1
			Qty, Discharges - 01	
282	0527969		Cap, Large Dia Outlet, 4.00", IPO Elbow	1
283	0766941		Control, Outlets, Swing Handle, Elec Right Outlets Akron 9335 w/Press Disp, PUC	1
284	0516280		Outlet, 3.00" Deluge w/2.50" Valve, w/TFT Extend-a-Gun XG18, PUC	1
285	0029302		No Monitor Requested	1
286	0029304		No Nozzle Req'd	1
287	0005070		Deluge Mount, NPT	1
288	0750998		Crosslay Module, Std Width, Light Head Notch, PUC	1
289	0749369		Hose Restraint, Crosslay, 1"Nylon Web, Bar and Hook, PUC	1
			Fastener, Hose Restraint - 1.00" Cam Buckle - Paired with Bar and Hook	
			Qty, Bar - One Bar	
290	0750916		Crosslays, (2) 1.50", W/Poly Trays, PUC	1
			Crosslay/Deadlay/Speedlay Capacity 1 - 200' of 1.75" double jacket hose	
291	0747055		Not Required, 2.50" Crosslay	1
292	0746277	SP	Partition, "L" Shaped in Compartment, PUC	1
			Location - in the PUC Backboard compartment just like 30716.	
			Compartment and divider to be the same.	
			Qty, Partition - 01	

Line	Option	Type	Option Description	Qty
293	0558370		Tray(s), Poly, Additional, Crosslays, PUC Qty, - 02	2
294	0676021		Foam Sys, Husky 3, Single Agent, PUC, Multi Select Feature Discharge, Foam Locations - Crosslay Lower Rear, Crosslay Lower Front, Front Bumper Left Side, Rear Outlet Left Side and Rear Outlet Right Side Discharge, Foam Locations - Crosslay Lower Rear, Crosslay Lower Front, Front Bumper Left Side, Rear Outlet Left Side and Rear Outlet Right Side	1
295	0012126		Not Required, CAF Compressor	1
296	0592527		Refill, Foam Tank, Integral, Husky 3	1
297	0031894		Demonstration, Foam System, At Pierce Vehicle, Qty, Training, P - 1 vehicle	1
298	0595941		Foam Cell, 20 Gallon, Not Reduce Water, PUC Type of Foam - Class "A" Foam, Brand Name - Silvex	1
299	0697589		Drain, 1.00", Foam Tank #1, Husky 3 Foam System, Quarter Turn	1
300	0091079		Not Required, Foam Tank #2	1
301	0091112		Not Required, Foam Tank #2 Drain	1
302	0515692		Pump Operators Panel, 31", Control Zone, PUC	1
303	0032479		Pump Panel Configuration, Control Zone	1
304	0516975		Material, Pump Panels, Operators Brushed Stainless, Sides Brushed Stainless, PUC	1
305	0516978		Pump and Plumbing Access, Simple Tilt Service, PUC	1
306	0520016		Not Required, Pumphouse Structure, PUC	1
307	0618458		Light, Pump Compt, WIn 3SC0CDCR LED White, PUC Qty, - 01	1
308	0516983		Gauges, Engine, Included With Pierce Pressure Controller, PUC	1
309	0005601		Throttle Included w/ Pressure Controller	1
310	0549333		Indicators, Engine, Included with Pressure Controller	1
311	0553643		Control, Air Horn at Pump Panel w/Red Switch	1
312	0511078		Gauges, 4.00" Master, Class 1, 30"-0-600psi	1
313	0511100		Gauge, 2.00" Pressure, Class 1, 30"-0-400psi	1
314	0517009		Gauge, Water Level, Pierce, In pressure Controller, w/Mini Slave, PUC Activation, Water Level G - pg) pump in gear	1
315	0062992		Gauge, Foam Level, (1) Tank, Class 1, 5lt	1
316	0653081		Light, Pump Operator & Panel, Side Ctrl, PUC, 60354C LED Cab & LED OH Chr Cvr	1
317	0006051		Air Horn, (1) Grover, In Bumper	1
318	0606839		Location, Air Horn, Bumper, Left Side, Outside Frame, Inboard (Pos #6)	1
319	0016065		Control, Air Horn, Horn Ring, PS Chrome Push Button	1
320	0006133		Siren, Code 3 3692 100W or 200W	1
321	0510206		Location, Elect Siren, Recessed Overhead In Console Location, Elec Siren - Overhead, DS Inside Sw Pnl	1
322	0622973	SP	Control, Elec Siren, DS Switch, PS Push Buttons Location - switch panel #7, same programming as 30716	1
323	0601375		Speaker, (1) Code 3, PB100C, Chrome Connection, Speaker - siren head	1
324	0601555		Location, Speaker, Frt Bumper, Recessed, Left Side, Outside Frame, Outbrd (Pos 7)	1
325	0016080		Siren, Federal Q2B	1
326	0006097		Location of Siren, Recessed in Bumper Location, Siren, Mech - b) right	1
327	0026170		Control, Mech Siren, DS Foot Sw, PS Push Button	1
328	0069787		Switch, Second Siren Brake, Membrane Style Switch Location - officer side overhead, switch panel #5, see instrument panel layout.	1
329	0794814	SP	Lightbar, WIn, Freedom IV-Q, 81", RRRRWRRR__RRRWRRRR Filter, WIn Freedom Ltbrs - No Filters	1
330	0691523		Wiring Only, Opticom Emitter, Location Location - front center of cab forward of the lightbar Opticom Activation - Cab Switch & E-Master Momentary Opticom Activation - no activation	1
331	0540439		Light, Front Zone, WIn M6*, LED, Colored Lens Color, Lt DS Front - Red Color, Lt PS Front - Red	1

Line	Option	Type	Option Description	Qty
332	0540692		Lights, Side Zone Lower, WIn M6*C LED, Clear Lens, 3pr, Ovr 25 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 - Rearward of Crew Cab Doors Location, Lights Rear Side - Rear Fender Panel	1
333	0540783		Lights, Rear Zone Lower, WIn M6*C LED Color, Lt DS Rear - r) DS Rear Lt Red Color, Lt PS Rear - r) PS Rear Lt Red	1
334	0591938		Lights, Rear/Side Up Zone, WIn M6*C Side, M9*C Rear, LED, Clear Lens 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 - r) DS Rear Upper Red Color, Lt, Rear Upper PS - r) PS Upper Rear Red	1
335	0006551		Not Required, Lights, Rear Upper Zone Blocking	1
336	0537807		Mtg, Rear Warn Lts, Side Sheets & Rear of Body Bulkheads	1
337	0779722		Receptacle, 15/20A 120V 3-Pr 3-Wr, NEMA 5-20R SB Dup, 1st, Interior Body Qty, - 01 Location 1 - tank wall of B1 up high and towards the driver side AC Power Source - Shoreline Cover, Receptacle - Interior SS Wall Plate(s)	1
338	0519934		Not Required, Brand, Hydraulic Tool System	1
339	0007150		Bag of Nuts and Bolts Qty, Bag Nuts and Bolts - 1	1
340	0602516		NFPA Required Loose Equipment, Pumper, NFPA 2016, Provided by Fire Department	1
341	0602407		Soft Suction Hose, Provided by Fire Department, Pumper NFPA 2016 Classification	1
342	0027023		No Strainer Required	1
343	0602538		Extinguisher, Dry Chemical, Pumper NFPA 2016 Class, Provided by Fire Department	1
344	0602360		Extinguisher, 2.5 Gal. Pressurized Water, Pumper NFPA 2016, Provided by Fire Dept	1
345	0602679		Axe, Flathead, Pumper NFPA 2016 Classification, Provided by Fire Department	1
346	0602667		Axe, Pickhead, Pumper NFPA 2016 Classification, Provided by Fire Department	1
347	0659957		Paint, Two Tone, Cab, w/ High Shield, Custom Cab, Vel/Imp Paint, Color - Red #107 lower cab and body Paint Color, Upper Area - White #20 upper cab	1
348	0646897		Paint Chassis Frame Assy, E-Coat, Standard Paint Color, Frame Assembly, Predefined - Standard Black	1
349	0693798		Paint, Front Wheels Paint, Wheels - Red #107	1
350	0693793		Paint, Rear Wheels, Single Axle Paint, Wheels - Red #107	1
351	0007230		Compartment, Painted, Spatter Gray	1
352	0544129		Reflective Band, 1"-6"-1" Color, Reflect Band - A - a) white Color, Reflect Band - B - l) white Color, Reflect Band - C - w) white	1
353	0510041		Reflective across Cab Face, Imp/Vel	1
354	0593732		Stripe, Chevron, Rear, Diamond Grade, Pumper, PUC Color, Rear Chevron DG - fluorescent yellow green	1
355	0065687		Stripe, Reflective, Cab Doors Interior Color, Reflective - e) black	1
356	0027372		Lettering Specifications, (GOLD STAR Process)	1
357	0686391		Lettering, Gold Leaf, 4.00", (21-40) Outline, Lettering - Outline and Shade	1
358	0686256		Lettering, Gold Leaf, 4.00", Each Qty, Lettering - 04 Outline, Lettering - Outline and Shade	4
359	0549176		Emblem, Flourish, Gold Leaf, Pair Qty, - 02 Location, Emblem - located on cab doors	2
360	0769753		Emblem, American Flag Painted on Cab Grille, All Custom Chassis	1

Line	Option	Type	Option Description	Qty
361	0772003		Manual, Fire Apparatus Parts, USB Flash Drive, Custom Qty, - 01	1
362	0772037		Manual, Chassis Service, USB Flash Drive, Custom Qty, - 01	1
363	0773381		Manual, Chassis Operation, (1) USB Flash Drive, Custom	1
364	0030008		Warranty, Basic, 1 Year, Apparatus, WA0008	1
365	0611136		Warranty, Chassis, 3 Year, Velocity/Impel, WA0284	1
366	0696698		Warranty, Engine, Cummins, 5 Year, WA0181	1
367	0684953		Warranty, Steering Gear, Sheppard M110, 3 Year WA0201	1
368	0595767		Warranty, Frame, 50 Year, Velocity/Impel, Dash CF, WA0038	1
369	0595698		Warranty, Axle, 3 Year, TAK-4, WA0050	1
370	0777368		Warranty, Axle, 2 Year, Meritor, General Service, WA0328	1
371	0652758		Warranty, ABS Brake System, 3 Year, Meritor Wabco, WA0232	1
372	0019914		Warranty, Structure, 10 Year, Custom Cab, WA0012	1
373	0595813		Warranty, Paint, 10 Year, Cab, Pro-Rate, WA0055	1
374	0524627		Warranty, Electronics, 5 Year, MUX, WA0014	1
375	0695416		Warranty, Pierce Camera System, WA0188	1
376	0647720		Warranty, Pierce LED Strip Lights, WA0203	1
377	0046369		Warranty, 5-year EVS Transmission, Standard Custom, WA0187	1
378	0685945		Warranty, Transmission Cooler, WA0216	1
379	0688798		Warranty, Water Tank, Lifetime, UPF, Poly Tank, WA0195	1
380	0596025		Warranty, Structure, 10 Year, Body, WA0009	1
381	0693127		Warranty, Gortite, Roll-up Door, 6 Year, WA0190	1
382	0516693		Warranty, Pump, Pierce, PUC, 6 Year Parts, 1 Year Labor, WA0039	1
383	0648675		Warranty, 10 Year S/S Pumping, WA0035	1
384	0657990		Warranty, Foam System, Husky 3, WA0231	1
385	0595820		Warranty, Paint, 10 Year, Body, Pro-Rate, WA0057	1
386	0595421		Warranty, Goldstar, 3 Year, Apparatus, WA0018	1
387	0683627		Certification, Vehicle Stability, CD0156	1
388	0608290		Certification, Engine Installation, Imp/Vel, Cummins L9, 2017, CD0152/CD0159	1
389	0686786		Certification, Power Steering, CD0098	1
390	0667418		Certification, Cab Integrity, Impel FR, CD0009	1
391	0548950		Certification, Cab Door Durability, Velocity/Impel, CD0001	1
392	0548967		Certification, Windshield Wiper Durability, Impel/Veloc, CD0005	1
393	0667411		Certification, Electric Window Durability, Velocity/Impel FR, CD0004	1
394	0549273		Certification, Seat Belt Anchors and Mounting, Imp/Vel/Vel SLT, CD0018	1
395	0667416		Certification, Cab Heater and Defroster, Velocity/Impel FR, CD0015	1
396	0667415		Certification, Cab Air Conditioning Performance, Velocity/Impel FR, CD0016	1
397	0545073		Amp Draw Report, NFPA Current Edition	1
398	0002758		Amp Draw, NFPA/ULC Radio Allowance	1
399	0799248		Appleton/Florida BTO	1
400	0000048		PUMPER/TANKER, 3rd Gen	1
401	0000012		PIERCE CHASSIS	1
402	0004713		ENGINE, OTHER	1
403	0046395		EVS 3000 Series TRANSMISSION	1
404	0520324		PIERCE PUMP, PUC	1
405	0020009		POLY TANK	1
406	0028048		FOAM SYSTEM	1
407	0020006		SIDE CONTROL	1
408	0020007		AKRON VALVES	1
409	0020015		ABS SYSTEM	1
410	0658751		PUMPER BASE	1



October 9, 2019

Missoula Fire Department, MT  
One (1) IHC Type 2 Pumper AS759  
Build Location: Bradenton, FL

Proposal Price	369,338.00
Less payment upon completion @ factory discount	(2,634.00)
* Deduct for 100% pre-payment with contract If this option is elected, the discount is in addition the payment upon completion at the factory discount.	(11,356.00)
Subtotal including all pre-pay discounts	355,348.00
Less customer drive-out discount If this option is elected payment in full and proof of insurance must be provided prior to leaving the factory and the customer is responsible for compliance with all state, local and federal DOT requirements including the driver possessing a valid CDL license.	(5,850.00)
Less performance bond	(995.00)
Proposal price including discounts	348,503.00

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Terms:

Based on Pierce's current delivery schedule the unit would be ready for delivery from factory within 12.5 to 15.5 months after contract execution. Delivery is subject to change pending Pierce's delivery schedule at time of order.

The above pricing is valid until January 31, 2020. If order is not submitted prior to that date, a 3% price increase will be required.

The above quote is subject to change.

If payment discount options are not elected standard payment terms will apply: Final payment will be due 30 days after the unit leaves the factory for delivery. If payment is not made at that time a late fee will be applicable.

An invoice will be provided upon order processing for the 100% prepayment if elected.

The Purchasing Documents will be between Hughes Fire Equipment and the customer.

The proposal price is based on the unit being purchased through FireRescue GPO / NPPGov. This pricing is only valid for a FireRescue GPO / NPPGov purchase on PPA MPA for RFP No. 1420. Member ID# M-5700712

Transportation of the unit to be driven from the factory is included in the pricing. However, if we are unable to obtain necessary permits, due to the weight of the unit, and the unit must be transported on a flat bed, additional transportation charges will be the responsibility of the purchaser. We will provide pricing at that time if necessary.

One (1) factory inspection trip for two (2) fire department customer representatives and one (1) factory inspection trip for four (4) fire department customer representatives is included in the above pricing. The inspection trips will be scheduled at times mutually agreed upon between the manufacture's representative and the customer. Airfare, lodging and meals while at the factory are included. If the Department elects to forgo an inspection trip \$1,850.00 per traveler (per trip) will be deducted from the final invoice.

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# Proposal Option List

10/10/2019

<b>Customer:</b>	Missoula Fire Department	<b>Bid Number:</b>	759
<b>Representative:</b>	Siebers, Andrew	<b>Job Number:</b>	
<b>Organization:</b>	Hughes Fire Equipment, Inc	<b>Number of Units:</b>	1
<b>Requirements Manager:</b>		<b>Bid Date:</b>	09/30/2019
<b>Description:</b>	Missoula	<b>Stock Number:</b>	
<b>Body:</b>	Pumper, Short, Aluminum, 2nd Gen, Saber/Commercial	<b>Price Level:</b>	38 (Current: 38)
<b>Chassis:</b>	International HV, 4x4, Single Rear Axle		

Line	Option	Type	Option Description	Qty
1	0784631		BTO,HIGHLY COMPLEX/SPECIAL Configuration, Extra Short Body	1
2	0766610		Boiler Plates, Pumper, w/Commercial Chassis	1
			Fire Department/Customer - Missoula Fire Department	
			Operating/In conjunction W-Service Center - In Conjunction	
			Miles - 150 Miles	
			Number of Fire Dept/Municipalities - 2	
			Bidder/Sales Organization - Pierce Manufacturing	
			Delivery - A qualified delivery representative shall deliver the apparatus.	
			Dealership/Sales Organization, Service - Hughes Fire Equipment, Inc.	
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	0744039	SP	Vehicle Certification, Pumper Less Than 750 GPM, 2016 Non-NFPA	1
10	0568412		Agency, Apparatus Certification, Pumper/Tanker, Third Party, PMFD	1
11	0000114		Inspection Trip(s)	2
			Qty, - 02	
			Fill in Blank - one with 2 department persons and one with 4 department persons	
12	0620361		Consortium, GPO	1
13	0537375		Unit of Measure, US Gallons	1
14	0000005		Bid Bond, 10%	1
15	0582697		Performance Bond, 100 Percent w/Warranty Bond, 1 Yr, and Payment Bond	1
			Percentage, Contract - 100%	
16	0000007		Approval Drawing	1
17	0589819		Electrical Diagrams, Commercial	1
18	0772281		International HV, 4x4, Single Rear Axle	1
19	0762131		Model Year 2020	1
20	0772099		Base Price, International HV, 4x4, Pricing Level 6/01/2018	1
21	0523786		Angle of Approach	1
			Fill in Blank - 28	
			Condition of Truck - Loaded	
22	0523787		Angle of Departure	1
			Fill in Blank - 25	
			Condition of Truck - Loaded	
23	0686544		Wheelbase, 181" thru 205", International HV 4x4	1
			Wheelbase - 203"	
24	0584367		GVW Rating, Commercial Chassis	1
			GVW rating - 35,000#	
25	0027644		Frame, Chassis, International	1
26	0686546		Frame Reinforcement, International HV 4x4, "C" Channel	1
27	0688779		Axle, Front, 12K Rating, International HV 4x4	1
28	0773475		Suspension, Front Spring, 12,000 lb, Commercial	1
29	0073051		Shock Absorbers, Front	1
30	0789186		Brakes, Cam Front, 16.50"x 5.00" Commercial	1
31	0585779		Goodyear Tires	1
32	0772242		Tires, 22.50, Traction Tread, 4x4	1
33	0683147		Wheel, Steel, 22.50", 4x4	1
34	0772127		Axle, Rear, Meritor, 23K Rating, International HV 4x4	1

Line	Option	Type	Option Description	Qty
35	0772020		S-Cam Style 16.50" x 7.00"	1
36	0602005		Top Speed of Vehicle, Non-NFPA 2016 Compliant, Commercial Chassis	1
			Top Speed of Vehicle - 75 to 77	
37	0062960		Suspension, Rear Spring, 23,500 lb w/4500 lb Rubber Aux. IHC	1
38	0772235		Tires, Rear, 22.50, Traction Tread, 4x4	1
39	0683146		Wheel, Steel, 22.50", 4x4	1
40	0620570		Tire Pressure Monitoring, RealWheels, AirSecure, Valve Cap, Single Axle	1
			Qty, Tire Pressure Ind - 6	
41	0012045		Mud flaps, w/Logo Rear	1
42	0544802		Chocks, Wheel, SAC-44-E, Folding	1
			Qty, Pair - 01	
43	0544806		Mounting Brackets, Chocks, SAC-44-E, Folding, Horizontal	1
			Qty, Pair - 01	
			Location, Wheel Chocks - Left Side Rear Tire, Rearward and Right Side Rear Tire, Rearward	
44	0020881		ABS, Anti-Lock Braking System, Commercial	1
45	0009547		Air Compressor, Brake, 18.7 CFM, Commercial	1
46	0773985		Air Dryer, Brake, w/Heater, Commercial	1
47	0000854		Air Inlet, w/Disconnect Coupling	1
			Location, Air Coupling(s) - a) DS Step Well, Forward	
			Qty, Air Coupling (s) - 1	
48	0772268		Engine, Cummins L9, 380 hp, IHC HV	1
49	0001247		High Idle w/Electronic Engine, Commercial	1
50	0773963		Auxiliary Brake, Exhaust Brake , VGT Style, Commercial	1
51	0773981		Air Intake, Engine, w/Ember Separator, OEM Installed, Commercial	1
52	0747960		Exhaust, Horiz, RH Step Mtd DPF/SCR, w/Modification Next to Transfer Case, 4x4 IHC	1
53	0684987		Exhaust Modifications, Commercial Chassis, Horizontal Exhaust	1
54	0071090		Coolant Hoses, Rubber - Commercial Chassis	1
55	0773634		Fuel Tank, 70 Gallon, Left Side, Aluminum, Commercial	1
56	0773952		DEF Tank, Left Side Location, Commercial	1
57	0552793		Not Required, Fuel Priming Pump	1
58	0552712		Not Required, Shutoff Valve, Fuel Line	1
59	0696186		Cooler, Chassis Fuel, Commercial, Provided by Chassis OEM	1
60	0773950		Trans, Automatic, Allison 3000 EVS, w/(2) PTO Provsions, Commercial	1
61	0771219		Transmission, Stalk Shifter, Column Mounted, 5 Speed, International	1
62	0011475		Transmission Oil Cooler, Internal, Commercial	1
63	0011370		Driveline, Commercial Chassis	1
64	0553777	SP	Driveline Reviewed & Approved	1
65	0692499		Steering, Power, w/Tilt Column, Commercial Chassis	1
66	0692801		Bumper Extension, 19", Steel Painted, Chicago Style, Commercial Chassis	1
67	0630841		Tray, (1) Hose Left Side of Bumper, 13" Deep	1
			Grating, Bumper extension - Grating, Rubber	
			Capacity, Bumper Tray - 19) 100' of 1.75"	
68	0633467		Hose Restraint, Bumper Tray, Velcro Straps, Pair	1
			Qty, Pair - 01	
69	0620614		Tray, (1) Hose Right Side of Bumper, 13" Deep	1
			Grating, Bumper extension - Grating, Rubber	
			Capacity, Bumper Tray - 19) 100' of 1.75"	
70	0633453		Hose Restraint, Bumper Tray, Velcro Straps, Pair	1
			Qty, Pair - 01	
71	0002270		Tow Hooks, Chrome	1
72	0772084		Standard Hood, SFA, International	1
73	0772166		Cab, 4-door Crew Cab, International HV	1
74	0024223		Cab Interior, IHC, Gray	1
75	0582768		Grille, Chromed Plastic, Stationary, International	1
76	0762934		Mirrors, Bright Finish Heads, Power Adjust, Heated, International MV/HV	1
77	0760744		Steps as Provided by MFG, 2-Door, 4-Door, or Ext'd Cab, Comply w/NFPA 2016	1
78	0509494		Lights, Cab and Crew Cab Access Steps, P25, LED, 8Lts	1
79	0773943		Air Conditioning, Commercial	1
80	0005940		Lights, Engine Compt, (2) Commercial Chassis	1
81	0756949		Console, IHC MV/HV Four (4) Door, Radio/Siren/Switches/Storage	1

Line	Option	Type	Option Description	Qty
82	0624106		Seating Capacity, Cab, 4-Door, Commercial	4
			Qty, - 04	
83	0762937		Seats, Cab, Air driver w/Air officer - International MV/HV	1
84	0691848		Seats, 2-man, National, Air Ride, Non-SCBA - International MV/HV	1
85	0065834		Bracket, SCBA Not Req'd, No SCBA Seats, Commr Cab	1
86	0551164		Seat Belt Web Length, Commercial Chassis	1
87	0584364		Seat Belts, Red, Commercial Chassis	1
88	0602464		Helmet Storage, Provided by Fire Department, NFPA 2016	1
89	0556289		Lights, Dome, Weldon, 8081-8000-13 Red/Clear LED, Grey Bezel	4
			Qty, - 04	
			Location - one (1) in ceiling, inboard of drivers seat, one (1) in ceiling, inboard of officers seat, one (1) in ceiling above drivers side crew cab seat and one (1) in ceiling above passenger side crew cab seat	
90	0602637		Portable Hand Light, Provided by Fire Dept, Pumper NFPA 2016 Classification	1
91	0584358		Cab Instrumentation, Commercial Chassis	1
92	0034643		Panel, Emergency Switch, Located In Floor Mt'd Console	1
93	0005937		Light, Do Not Move Apparatus, Commercial Chassis	1
			Alarm, Do Not Move Truck - Pulsating Alarm	
94	0005926		Light, Open Door - Commercial Std	1
95	0072620		Wiper control, intermittent feature Commercial	1
96	0585914		Wiring, Spare, 20 A 12V DC, 6 Circuit Fuse Block, Blue Sea 5025 1st	1
			Qty, - 01	
			12vdc power from - Battery direct	
			Location - Inside of the center console, locate at pickup	
97	0797189		Wiring, Spare, 4.8 A 12V DC, USB Termination Blue Sea 1045 1st	2
			Qty, - 02	
			12vdc power from - Battery direct	
			Location - 1 center console, 1 rear console	
98	0686687		Wiring, Spare, 37.5 A 12V DC, Customer Install Radio, 30A Sw Bat, 7.5A Ign Grnd	1
			Qty, - 01	
			Location - in center console coiled.	
99	0548004		Wiring, Spare, 15 A 12V DC 1st	2
			Qty, - 02	
			12vdc power from - Battery direct	
			Wire termination - 15 amp power point plug	
			Location, Spare Wiring - one center console, one on the rear of the center console, one each by the usb	
100	0637219		NO RADIO, AM/FM	1
101	0622928		Not Available, Vehicle Information Center, Multiplex System, Commercial Chassis	1
102	0611591		Vehicle Data Recorder w/Seat Belt Monitor, Commercial	1
			VDR Primary Inputs - No Primary Input	
			VDR Additional Input - No Additional Input	
103	0696434		Antenna Mount, Commercial Chassis, Cable Routed to Console	1
			Qty, - 01	
104	0760716		Electrical System, International Chassis	1
105	0770584		Electrical System, International HV	1
106	0762337		Single Start, (3) Grp 31, 660 CCA each, Ext/Crew Cab, International	1
107	0583981		Battery Relocation Not Required	1
108	0072685		Selector, Single Start Battery, Commercial Chassis	1
109	0579436		Charger, Sngl Sys, Kussmaul, 1200, 091-187-12-Remote, 40 Amp Bar Display	1
110	0012782		Location, Charger, Front Left Side Body Compartment	1
			Location, Battery Chrgr/Cmpr - High On Left Wall	
111	0567881		Location, Bat Chrg Ind, Driver's Seat Riser, Comm Chassis	1
112	0016856		Shoreline, 15A 120V, Kussmaul Auto Eject, 091-55-15-120, Super	1
			Qty, - 01	
			Color, Kussmaul Cover - b) red	
			Connection, Shoreline - Battery charger	
113	0785088		Shoreline Location, Commercial Chassis/PMFD	1
			Location, Shoreline(s) - DS Pump Panel	
114	0607607		Alternator, 325 amp Leece-Neville, International	1
115	0692675		Load Manager, Kussmaul 2 Channel, Commercial	1
116	0762588		Cab Lighting, LED Clearance/Marker/Fender Turn Signals, International HV	1
117	0620054		Light, Directional/Marker, Intermediate, Weldon 9186-8580-29 LED 2lts	1

Line	Option	Type	Option Description	Qty
118	0563675		Lights, Clearance/Marker/ID, Rear, Truck-Lite 33050R LED 7Lts	1
119	0564683		Lights, Tail, Wln M6BTT* Red LED Stop/Tail & M6T* Amber LED Dir Arw For Hsg Color, Lens - Colored	1
120	0561471		Lights, Backup, Wln M6BUW, LED, For Tail Lt Housing	1
121	0664481		Bracket, License Plate & Light, P25 LED	1
122	0556842		Bezels, Wln, (2) M6 Chrome Pierce, For mtg (4) Wln M6 lights	1
123	0067153		Alarm, Back-up Warning, Preco Model LDA50	1
124	0769569		Lights, Perimeter Cab, Amdor AY-LB-12HW012 LED 4Dr Z location -	1
125	0769572		Lights, Perimeter Pump House, Amdor AY-LB-12HW020 LED 2lts	1
126	0768520		Lights, Perimeter Body, Amdor AY-LB-12HW020 LED 2lts, Rear Step, Comm Chassis Control, Perimeter Lts - Parking Brake Applied	1
127	0556360		Lights, Step, P25 LED 4lts, Pump Pnl Sw	1
128	0640941		Light, Wln, 12V PCPSM2* Pioneer LED Fld/Spt, Surface Mnt 2nd Location, Lights - forward on PS hatch compartment Qty, - 01 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 Switch, Lt Control 4 DC,4 - d) No Control Color, Wln Lt Housing - Chrome Flange	1
129	0640991		Light, Wln, 12V PCPSM2* Pioneer LED Fld/Spt, Surface Mnt 1st Location, Lights - forward on DS hatch compartment Qty, - 01 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 Switch, Lt Control 4 DC,4 - d) No Control Color, Wln Lt Housing - Chrome Flange	1
130	0532358		Not Required, Deck Lights, Other Hose Bed & Rear Lighting	1
131	0645677		Lights, Not Required, Rear Work, Alt. 12 Volt Lights At Rear Body	1
132	0645694		Lights, Rear Scene, Wln, 9SC0ENZR LED Location, Lights - one (1) on the drivers side and one (1) on the passenger side rear body bulkhead; as high as possible Qty, - 02 Control, Rear Scene Lts - Cab Switch Panel DS and Body Switch, DS Rear Bulkhead	2
133	0768474		Lights, Hose Bed, Below Aluminum Cover, Amdor AY-LB-12HW040, 40" LED 4lts Control, Hose Bed Lts - Auto Cover Sw	1
134	0794961		Lights, Walk Surf, P25 LED, Hose Bed Cover, Overall Height Restrictions	1
135	0693708		Pumper, Short, Aluminum, 2nd Gen, Saber/Commercial	1
136	0682210		No Value Discount Available	1
137	0554271		Body Skirt Height, 20"	1
138	0785098	SP	Tank, Water, 500 Gallon, Poly, Extra Short, Ext'd to Rear	1
139	0003405		Overflow, 4.00" Water Tank, Poly	1
140	0028107		Not Required, Foam Cell Modification	1
141	0034425		Modified Poly Tank for Folding Tank, Ladder Storage or Backboards Qty, - 1	1
142	0084432		Modified Poly Tank, Ext'd Over Rear Compt	1
143	0633066		Sleeve, Through Tank Qty, Sleeve - 1 Water Tank Sleeve - Plumbing/Hydraulic Diameter - 3" Plumbing	1
144	0553725		Restraint, Water Tank, Heavy Duty, Special Type Tank, 4x4, or Export	1
145	0003429		Not Required, Direct Tank Fill	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	0003481		Hose Bed Capacity, Special Capacity, Hosebed - Left to right 200' 3.0" DJ, 500' 4"LDH, 500' of 3" DJ,	1

Line	Option	Type	Option Description	Qty
152	0689090		Divider, Hose Bed, .25" Unpainted, w/Handhold	2
			Qty, Hosebed Dividers - 2	
153	0589278		Hose Restraint, Hose Bed, Velcro Strap on Top, 2" Heavy Nylon Web at Rear	1
			Type of fastener - seat belt buckle	
			Nylon Web Color - Black	
			Type of fastener, Rear - seat belt buckle - bottom of hosebed	
154	0013512		Running Boards, 12.75" Deep	1
155	0689496		Tailboard, 12" Deep, Full Width, Extended Substructure, Angled Corners	1
156	0690027		Wall, Rear, Smooth Aluminum/Body Material, Flush Rear Wall	1
157	0003547		Tow Bars, (2) w/Hitch Receiver	1
			Connection, Trailer/12V Electrical - Trailer Hydraulic Brakes	
158	0003561		Construction, Compt, Alum, Pumper	1
159	0608961	SP	LS 118" Lap, Full Height Rear, FDLER, Raised Rear 6"	1
160	0608957	SP	RS 118" Lap, Full Height Rear, FDLER, Raised Rear 6"	1
161	0063911		Doors, Lap w/ "D" Handles - Side Compartments	1
162	0565805		Compt, Flush Rear, Rollup, 44.50" FF, 25.88" D	1
163	0692746		Door, Gortite, Rollup, Rear Compartment	1
			Color, Roll-up Door, Gortite - Satin finish	
			Latch, Roll-up Door, Gortite - Non-Locking Liftbar	
164	0555146		Pull Strap, Body Doors, Each	2
			Qty, Door Accessory - 02	
			Location, Door Accessory - OVER REAR WHEELS	
165	0010414		Keyed Locks for Latches, Lap Doors, Key Style 1250	7
			Qty, Door Accessory - 07	
			Location, Door Accessory - all body and under chassis doors	
166	0004010		Scuffplate, Polished S/S Bottom of Door Frame	4
			Location, Door Accessory - all lap doors	
			Qty, Scuffplates - 04	
167	0004012		Scuffplate, S/S, Inside Each Compt Door	4
			Qty, Door Accessory - 04	
			Location, Door Accessory - all lap doors	
168	0659353		Lights, Compt, Amdor AY-9220 LED, Dual Light Strip	6
			Qty, - 06	
169	0659222		Lights, Hatch Compt, Amdor AY-9220-48, LED, Light Strips, IPOS, Each	1
			Location, Lights - on the PS hatch compartment access door, top.	
			Qty, - 01	
170	0792130		Raised Cargo Side Sheets w/Ext. over X-lays & X-lay Cut-Out	1
			Fill in Blank - TBD	
171	0687146		Shelf Tracks, Painted	5
			Qty, Shelf Track - 05	
			Location, Shelf Track - LS1, LS2, RS1, RS2 and B1	
172	0600350		Shelves, Adj, 500 lb Capacity, Full Width/Depth, Predefined Locations	6
			Qty, Shelf - 06	
			Material Finish, Shelf - Painted - Spatter Gray	
			Location, Shelves/Trays, Predefined - LS1-Transition Point, RS1-Transition Point, RS1-Upper Third, LS2-Centered, B1-Centered and LS1-Upper Third	
173	0647472		Tray, Floor Mounted, Slide-Out, w/ Side Slides, FW/FD, 500lb, 2.00" Sides, 2G	1
			Qty, - 01	
			location - LS 1	
			Material - Painted - Spatter Gray	
174	0024016		Rub Rail, Aluminum Extruded, Side & Rear of Body	1
175	0784811		Fender Crowns, Rear, Stainless, w/Removable Liner	1
			Material Finish, Fender Liner - Painted	
176	0602347		Hose, Hard Suction, Provided by Fire Department, Pumper NFPA 2016 Classification	2
			Qty, Hard Suction Hose - 2	
			Length, Hard Suction Hose - 09	
			Diameter, Hard Suction Hose - 4.00"	
			Type of Hose Ends, Coupling, HSH - Long Handle	
177	0035450		Troughs, H.S.H., (1) Each Side, Alum	1
178	0626229		Handrails, Side Pump Panels, Per Print	1
179	0025450		Handrails, Rear Bulkhead	1
180	0617842		Handrail, Rear, Below Hose Bed, Underside Handrail Mounting	1

Line	Option	Type	Option Description	Qty
181	0622393		Compt, Air Pack in Fender Panel	2
			Location, Bracket/comp. - Drivers & passenger side front of axle	
			Qty, - 02	
			Door Finish, Fender Compt - Painted	
			Latch, Air Bottle Compt - Southco C2 Chrome Raised Locking	
			Insert, Air Bottle Compt - Rubber Matting	
182	0655546		Compt, Air Bottle, Triple, Fender Panel, Commercial Chassis	2
			Qty, Air Bottle Comp - 2	
			Door Finish, Fender Compt - Painted	
			Location, Fender Compt - Triple - LS Rear and Triple - RS Rear	
			Latch, Air Bottle Compt - Southco C2 Chrome Raised Locking	
			Insert, Air Bottle Compt - Rubber Matting	
183	0084259		Ladder, 20' Duo-Safety 912A 3-Sect, 100" closed length	1
184	0750419	SP	Ladder, 10' Duo-Safety 775-DR, Roof, (Special Requirements)	1
185	0004294		Rack, Ladders in Hose Bed, Vertical	1
			Location - right side	
186	0750417	SP	Ladder, 10' Duo-Safety Folding 585A, w/Mounting, (Special Requirements)	1
			Location, Folding Ladder - Ship Loose	
187	0547754		Not Required, Pike, Pole, 8'	1
188	0549137		Not Required, Pike Pole, 6'	1
189	0545167		Trough for D-Handled Pike Pole	1
			Location - in the ladder compartment	
			Qty, Pike Pole Tubes - 01	
190	0004361		Tubes, Alum, Pike Pole Storage	2
			Qty, Pike Pole Tubes - 02	
			Location, Pike Pole Tube - Ladder Storage	
191	0785102		Steps, Folding, Front of Body, Cargo Bed Access, w/LED, Trident	1
			Coating, Step - black	
			Location, Steps - Full Height Left Side w/LED Light	
192	0592994		Steps, Folding, Rear of Body, w/LED, Trident	1
			Coating, Step - black	
193	0553731		Step Package, Body, w/4x4 Chassis, Saber/Commercial	1
			Pump Panel Config - Side Control	
194	0041102		Pump, Waterous, CLVK, 500 GPM, Pumper, Non-NFPA Compliant1901	1
195	0084489		Seal, Mechanical, Waterous, PTO	1
196	0034477		Trans, Pump, Waterous, "K" Series	1
197	0603731		Pumping Mode, Stationary and Pump in Motion	1
198	0535276		Pump Shift, PTO Pump	1
199	0581602		Transmission Lock-up, Not Req'd, PTO Pump	1
200	0004547		Auxiliary Cooling System	1
201	0014486		Not Required, Transfer Valve, Stage Pump	1
202	0746501		Valve(s), Relief Intake, Elkhart	1
			Qty - 1	
			Pressure Setting - 125 psig	
203	0794959		Controller, Pressure, Pierce, Pump Boss, PBA300	1
204	0072153		Primer, Trident, Air Prime, Air Operated	1
205	0044552		Line, 0.50" Recirculating w/Check Valve	1
206	0780364		Manuals, Pump, (2) Total, Electronic Copies	1
207	0603129		Plumbing, Stainless Steel and Hose, Single Stage Pump	1
208	0089437		Plumbing Without Foam System	1
209	0018518		Inlet, 4.00", Left Side Only, 350-700 GPM Pump	1
210	0004646		Cap, Main Pump Inlet, Long Handle, NST, VLH	1
211	0084610		Valves, Akron 8000 series- All	1
212	0004660		Inlet, Left Side, 2.50"	1
213	0029147		Not Required, Inlet, Right Side	1
214	0004685		Valve, Inlet(s) - Outside Panel	1
215	0004700		Control, Inlet, at Valve	1
216	0092569		No Rear Inlet (Large Dia) Requested	1
217	0092696		Not Required, Cap, Rear Inlet	1
218	0064116		No Rear Inlet Actuation Required	1
219	0009648		No Rear Intake Relief Valve Required on Rear Inlet	1
220	0092568		No Rear Auxiliary Inlet Requested	1

Line	Option	Type	Option Description	Qty
221	0563738		Valve, .75" Bleeder, Aux. Side Inlet, Swing Handle	1
222	0084756		Tank to Pump, (1) 3.00" Valve, 4.00" Plumbing, PTO Pump	1
223	0004905		Outlet, Tank Fill, 1.50"	1
224	0004940		Outlet, Left Side, 2.50"	2
			Qty, Discharges - 02	
225	0092570		Not Required, Outlets, Left Side Additional	1
226	0024945		Not Required, Outlet, Right Side	1
227	0092571		Not Required, Outlets, Right Side Additional	1
228	0029137		Not Required, Outlet, Large Diameter	1
229	0648908		Outlet, Front, 2", For Turret, Valve at Pump Panel	1
			Location, Outlet - d) center	
			Drain, Front Outlet - Automatic	
230	0650333		Turret, Front Bumper, TFT RC Tornado, 2" Outlet	1
			Nozzle, Front Bumper Turret - TFT B-TOS-ERP	
			Control, Front Bumper Turret - TFT Y4E-JS-52 joystick	
231	0092575		Not Required, Outlet, Rear	1
232	0092574		Not Required, Outlet, Rear, Additional	1
233	0092573		Not Required, Outlet, Hose Bed/Running Board Tray	1
234	0752097		Caps/Plugs for 1.00" to 3.00" Discharges/Inlets, Chain	1
235	0563739		Valve, 0.75" Bleeder, Discharges, Swing Handle	1
236	0005091		Elbow, Left Side Outlets, 45 Degree, 2.50" FNST x 2.50" MNST, VLH	1
237	0035094		Not Required, Elbow, Left Side Outlets, Additional	1
238	0085092		Not Required, Elbow, Right Side Outlets, 2.50"	1
239	0089584		Not Required, Elbow, Right Side Outlets, Additional	1
240	0045099		Not Required, Elbow, Rear Outlets	1
241	0085695		Not Required, Elbow, Rear Outlets, Large, Additional	1
242	0007308		Not Required, Elbow, Large Diameter Outlet	1
243	0062133		Control, Outlets, Manual, Pierce HW if applicable	1
244	0029106		Not Required, Deluge Outlet	1
245	0029302		No Monitor Requested	1
246	0029304		No Nozzle Req'd	1
247	0029107		No Deluge Mount	1
248	0029167		Crosslays Sngl Sheet Unpainted, (2+) 1.50", Std. Cap	2
			Qty, Crosslays - 2	
249	0029196		Not Required, 2.50" Crosslay	1
250	0591145		Hose Restraint, Crosslay/Deadlay, Top and Ends, Elastic Netting	2
			Qty, - 02	
251	0029260		Not Required, Speedlays	1
252	0750536		Hose Restr, Spdly, Not Required, No Spdly	1
253	0005248		Reel, Booster - Rear Compt., Steel, Roll-up Door	1
			Finish, Reel - Painted Gray	
254	0005279		Switch, Reel Rewind - One at Reel	1
255	0005300		Hose, Booster - 150' of 1.00"/800 PSI	1
256	0005244		Capacity, Hose Reel 200' of 1"	1
257	0007428		Nozzle for Booster Reel Not Req'd	1
258	0044333		Not Required, Foam System	1
259	0012126		Not Required, CAF Compressor	1
260	0552517		Not Required, Refill, Foam Tank	1
261	0042573		Not Required, Foam System Demonstration	1
262	0045465		Not Required, Foam Tanks	1
263	0091110		Not Required, Foam Tank Drain	1
264	0091079		Not Required, Foam Tank #2	1
265	0091112		Not Required, Foam Tank #2 Drain	1
266	0614588	SP	Pump House, Side Control, 34" (SPECIAL PUMPS), PMFD	1
267	0035570		Pump Panel Configuration, No Match Required	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	0035501		Pump House Structure, Std Height	1
271	0785639		No Chassis Equipment/Pump House/Body Interference Identified, 4Dr/2Dr Extd Cab	1

Line	Option	Type	Option Description	Qty
272	0583824		Light, Pump Compt, WIn 3SC0CDCR LED White	1
			Qty, - 01	
273	0586382		Gauges, Engine, Included With Pressure Controller	1
274	0005601		Throttle Included w/ Pressure Controller	1
275	0549333		Indicators, Engine, Included with Pressure Controller	1
276	0745568		Indicator Light, Pump Panel, Ok To Pump, Green	1
277	0511078		Gauges, 4.00" Master, Class 1, 30"-0-600psi	1
278	0511100		Gauge, 2.00" Pressure, Class 1, 30"-0-400psi	1
279	0062658		Gauge, Water Level, Class 1, Master w/Mini Slave	1
280	0006774		Not Required, Foam Level Gauge	1
281	0593161		Light Shield, S/S LED	1
282	0522730		Light, Over Passenger Side Pump Panel, P25 LED Stp Lt	1
			Qty, - 1	
283	0508020		Air Horn, (1) Hadley, 6" Round, In Bumper	1
284	0606840		Location, Air Horn, Bumper, Left Side, Inside Frame (Pos #5)	1
285	0092148		Control, Air Horn, Horn Ring, Push Button, Location Feature	1
			location - PS dash	
286	0006133		Siren, Code 3 3692 100W or 200W	1
287	0046133		No Siren Location	1
288	0076156		Control, Elec Siren, Head Only	1
289	0601375		Speaker, (1) Code 3, PB100C, Chrome	1
			Connection, Speaker - siren head	
290	0601560		Location, Speaker, Frt Bumper, Recessed, Right Side, Inside Frame (Pos 3)	1
291	0606721		Lightbar, WIn, Freedom IV-V, 60", R_RR__RR__RR_R	1
			Filter, Whl Freedom Ltbrs - No Filters	
292	0695922		Lights, Front Zone, WIn M6** LED, Lens Choice, Commercial	1
			Flange Kit - w)with flange	
			Color, Lens, LED's - c)clear	
			Color, Lt DS Front - Red	
			Color, Lt PS Front - Red	
293	0640906		Flasher, Headlight Alternating, Commercial Chassis	1
			Headlt flash deactivation - a)w/high beam	
294	0540679		Lights, Side Zone Lower, WIn M6*C LED, Clear Lens 2pr	1
			Location, Lights Front Side - b)each side bumper	
			Color, Lt Side Front - Red	
			Color, Lt Side Rear - Red	
			Location, Lights Rear Side - Over Rear Wheels	
295	0670079		Lights, Side, WIn WIONSMC* LED, Chrome Flange, 1st	2
			Location, Lights - rear of crew door on flange under cab	
			Qty, - 02	
			Color, Lights, Warning - a) white	
			Control, Light - c) rear lower warning	
296	0564655		Lights, Rear Zone Lower, WIn M6*C LED, Clear Lens, For Tail Lt Housing	1
			Color, Lt DS Rear - r) DS Rear Lt Red	
			Color, Lt PS Rear - r) PS Rear Lt Red	
297	0541116		Lights, Rear/Side Up Zone, WIn M6* LED, Colored Lens 4lts	1
			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 - r) DS Rear Upper Red	
			Color, Lt, Rear Upper PS - r) PS Upper Rear Red	
298	0006551		Not Required, Lights, Rear Upper Zone Blocking	1
299	0016610		Mtg, Rear Warn Lts, Std Mount, S/S Brkts	1
300	0519934		Not Required, Brand, Hydraulic Tool System	1
301	0649753		Not Required, PTO Driven Hydraulic Tool System	1
302	0007150		Bag of Nuts and Bolts	1
			Qty, Bag Nuts and Bolts - 2	
303	0602516		NFPA Required Loose Equipment, Pumper, NFPA 2016, Provided by Fire Department	1
304	0602407		Soft Suction Hose, Provided by Fire Department, Pumper NFPA 2016 Classification	1
305	0602390		Strainer, Provided by Fire Department, Pumper NFPA 2016 Classification	1
306	0602538		Extinguisher, Dry Chemical, Pumper NFPA 2016 Class, Provided by Fire Department	1

Line	Option	Type	Option Description	Qty
307	0602360		Extinguisher, 2.5 Gal. Pressurized Water, Pumper NFPA 2016, Provided by Fire Dept	1
308	0602679		Axe, Flathead, Pumper NFPA 2016 Classification, Provided by Fire Department	1
309	0602667		Axe, Pickhead, Pumper NFPA 2016 Classification, Provided by Fire Department	1
310	0607712		Paint Process / Environmental Requirements	1
311	0583882		Paint, 90 Red, Commercial Grade Chassis Finish, PMFD Commercial Chassis	1
			Paint Color, Commercial, Std - #90 Candy Apple Red	
312	0586561		Chassis Cab Paint, #90 Red, Standard	1
			Paint Color, Commercial, Std - #90 Candy Apple Red	
313	0583915		No Two-Tone Paint Req'd	1
314	0582663		Paint, Chassis Frame Assy, Black, by Commerical Chassis Mfg	1
315	0651188		Paint, Wheels, By Chassis Manufacturer, Single Rear Axle, Commercial	1
316	0651164		Wheels, Accent Stripe NOT REQUIRED	1
317	0007230		Compartment, Painted, Spatter Gray	1
318	0544087		Reflective Band, 6"	1
			Color, Reflect Band - A - a) white	
319	0547618		Stripe, Diamond Grade, Chevron, Front Bumper	1
			Size, Chevron Striping - 06	
			Color, Chevron DG - Yellow Green, Fluorescent	
320	0536954		Stripe, Chevron, Rear, Diamond Grade, Pumper	1
			Color, Rear Chevron DG - fluorescent yellow green	
321	0027341		Jog, In Reflective Stripe, Single or Multiple	1
			Qty, - 1	
322	0017359		Stripe, Black Outline, Vinyl on Reflective Band	1
			Qty, - 01	
323	0065785		Stripe, Reflective, Cab Drs Interior, Commercial Cabs, 4dr	1
			Color, Reflective - e) black	
324	0027372		Lettering Specifications, (GOLD STAR Process)	1
325	0686428		Lettering, Gold Leaf, 3.00", (41-60)	1
			Outline, Lettering - Outline and Shade	
326	0766245		Manual, Fire Apparatus Parts, USB, Body Parts Only, Commercial Product	1
327	0766243		Manual on USB Flash Drive, Service, Commercial	1
328	0002902		Manual, Commercial Chassis Operation	1
329	0080008		Warranty, Basic, 1 Year, Apparatus, Commercial Chassis, WA0008	1
330	0761945		Warranty, Basic Vehicle, 1 yr, International HV (w/Cummins Engine)	1
331	0595282		Warranty, Cab Paint, As Provided By Chassis Manufacturer, Commercial	1
332	0708760		Warranty, Not Applicable, LED Strip Lights	1
333	0021516		Warranty, 5-Year EVS Transmission, Standard Comm, WA0187	1
334	0688798		Warranty, Water Tank, Lifetime, UPF, Poly Tank, WA0195	1
335	0596025		Warranty, Structure, 10 Year, Body, WA0009	1
336	0693127		Warranty, Gortite, Roll-up Door, 6 Year, WA0190	1
337	0063510		Warranty, Pump, Waterous, 5 Year Parts, WA0225	1
338	0648675		Warranty, 10 Year S/S Pumbing, WA0035	1
339	0641372		Warranty, Foam System, Not Available	1
340	0595820		Warranty, Paint, 10 Year, Body, Pro-Rate, WA0057	1
341	0595421		Warranty, Goldstar, 3 Year, Apparatus, WA0018	1
342	0683627		Certification, Vehicle Stability, CD0156	1
343	0544883		Certification, Cab Integrity, IHC, CD0025	1
344	0545073		Amp Draw Report, NFPA Current Edition	1
345	0002758		Amp Draw, NFPA/ULC Radio Allowance	1
346	0000017		FLORIDA DIVISION BODY	1
347	0000015		FLORIDA DIVISION COMMERCIAL CHASSIS	1
348	0004713		ENGINE, OTHER	1
349	0046395		EVS 3000 Series TRANSMISSION	1
350	0020011		WATEROUS PUMP	1
351	0020009		POLY TANK	1
352	0028047		NO FOAM SYSTEM	1
353	0020006		SIDE CONTROL	1
354	0020007		AKRON VALVES	1
355	0020909		ABS SYSTEMS, Commercial	1
356	0658751		PUMPER BASE	1

