



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	

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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/Velocite 4-Door Cab	1
91	0667905		Storage Pockets w/ Elastic Cover, Recessed, Impel/Velocite FR	1
92	0667902		Controls, Electric Windows, All Cab Doors, Impel/Velocite 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/Velocite 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/Velocite FR	1
107	0603347		Air Conditioning, Dual Zone Control, Impel/Velocite 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	

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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, Wln 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, Wln 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, Wln 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/Velocity, 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