

DO NOT INVOICE THIS ADDRESS

City and County of Denver
 Purchasing Division
 201 W. Colfax Ave Dept. 304
 Denver, CO 80202
 United States of America
 Ph: 720-913-8100 Fax: 720-913-8101



Purchase Order Number	PO-00180176
Purchase Order Date	Feb 25, 2026
Contract ID	
Payment Terms	Net 30
Payment Type	ACH
Buyer	Elizabeth Hewes

Supplier
FRONT RANGE FIRE APPARATUS 7600 MILLER CT FREDERICK, CO 80504 United States of America Ph: (303) 4499911

Ship-To: Please note: review the additional notes section below for some more specific agency contact information.
Fire Department Repair Shop 5440 N Roslyn St, Bldg B Denver, CO 80216 United States of America Daniel Ramsey

Bill To
Bill To Same As Ship To Denver, CO 80202 United States of America Daniel Ramsey

Currency	Total Lines Amount	Tax Exempt	Total PO Amount
USD	\$1,704,010.00	98-02890-0000	\$1,704,010.00
Shipping Terms	Shipping Method	Shipping Instructions	
FOB Destination	Common Carrier		

Goods Lines								
Line Number	Item Name	Supplier Item Identifier	Description	Due Date	Unit of Measure	Quantity	Unit Price	Line Amount
1			Fire Apparatus Aerial Truck: REF# 26-001		Each	1	\$1,704,010.00	\$1,704,010.00

Vendor to fill in and submit attached Exhibit Vehicle Check-In.

Delivery will NOT be considered complete without the Vehicle Check-In form and payment will not be remitted.

Agency Contact: Dan Ramsey | dan.ramsey@denvergov.org

Vendor Contact: Duane Douchette | 303-304-6118 | duaneD@frontrangefire.com

Delivery: Monday through Friday between 8:00 am and 1:00 pm by appointment

Location:

City and County of Denver
Fleet Management
5440 Roslyn Street, Building B
Denver, CO 80216
Coordinate Delivery: (720) 865-3985

Title to Read:

City and County of Denver
201 West Colfax Avenue Dept 304
Denver, CO 80202

Documents to be Provided Upon Delivery:

Application for Title, State of Colorado
Odometer/Hours Statement

Internal Reference # 26-001

REFER TO EXHIBITS "A" FOR SERVICE DESCRIPTION AND PRICING ONLY.

VENDOR: You must contact the agency contact listed above to confirm this order.

Purchase Order price listed herein includes all shipping and handling.

All invoicing must match the purchase order exactly and contain the purchase order number. All invoices must be sent directly to the bill to address listed on the purchase order, this address may be different than the ship to address. Changes to this purchase are not valid without prior approval from purchasing.

For additional questions regarding this purchase order, contact the Agency Contact listed above on the purchase order

ALL INVOICING AND CORRESPONDENCE MUST CONTAIN THE PURCHASE ORDER NUMBER IN FULL (PO-00180167)

This purchase is pursuant to DRMC 20-64.5 - Cooperative Purchase

The terms and conditions of this purchase order shall supersede and replace the HGACBuy FS12-23

Purchase pursuant to DRMC 3.26(e)-This Purchase Order is contingent on Council approval and is void without such action.

Michael
Romero

Digitally signed by
Michael Romero

Authorized By

By accepting this Purchase Order you agree to the Terms and Conditions of the General Services Purchasing Division.
Follow the URL provided to the Purchase Order Terms and Conditions –
<https://denvergov.org/Government/Agencies-Departments-Offices/Agencies-Departments-Offices-Directory/General-Services/Purchasing-Division/Terms-and-Conditions>

CITY PO EXHIBIT
City and County of Denver
Fleet Management
Vendor Supplied Information Data

City Unit(s) # _____

(City Use Only)

ENTER CITY PURCHASE ORDER NUMBER: PO- _____
Example: PO-00003584

The following underlined forms and information are REQUIRED for new vehicle deliveries:

- Copy of entire Purchase Order (all pages)
- Original MSO (Manufacturers Statement of Origin) – is required for all vehicles except off-road and construction equipment. May receive one for some off road equipment if manufacturer issues one.
Name of purchaser: **City and County of Denver**
Address: **201 W. Colfax Ave. Dept. 304
Denver, CO 80202**
- Secured Dealer Bill of Sale (DR2407) – IN STATE ONLY – Required for on the road vehicles Such as cars, pickup[s], vans and any vehicle under 16,000 GVWR. Not needed if odometer Section is filled out and signed on MSO. Not required on vehicles over 16,000GVWR LBS.
- Application for Title and Registration (DR2395) – Required for all on-road vehicles and trailers.
- Verification of Vehicle Identification Number (DR2698) – Required for all Vehicles coming from an out of state dealer, incomplete vehicle. I.E. Cab and Chassis.
- Statement of Fact (DR2444) - Required on all vehicles with modifications to the cab and chassis. Such as a body crane, auxiliary engine, etc. The statement of fact must include the modifications made and include VIN numbers of chassis and equipment.
- Special Mobile Machinery Form (DR2689) - Required on all off road and Construction equipment. I.E. Front end loaders, tractors, skid steer loaders, Mowers, air compressors, motor graders, etc.
- Weight slip required - (on all incomplete vehicles that are made into a complete vehicle) – and all off-road equipment and construction type equipment. (Front end loaders, sweepers, graders, air compressors, rollers, etc.).
- Temporary License Plate – Required for all on-road vehicles. Not required for off road Equipment.
- Original Dealer Invoice – Required for all vehicles on and off the Road.
- Receipt or Contract for Optional Warranty – Only if spec or called out on P.O.
- Shop and Parts manuals (as required) (CD or electronic form preferred) – Only if spec or show as a line item of P.O.
- Standard Sales Tax Receipt for Vehicle Sales (DR0024)-IN STATE ONLY- Required for purchases to disclose the purchase amount to the state.

Dealer Signature: _____ Date: _____



FRONT RANGE FIRE APPARATUS

**7600 Miller Court
Frederick, CO 80504
303-449-9911
1-800-334-9911
www.FrontRangeFire.com**

**DUANE DOUCETTE
303-304-6118
DuaneD@frontrangefire.com**



FOR FURNISHING FIRE APPARATUS

January 02, 2026

City and County of Denver

The undersigned is prepared to manufacture for you, upon an order being placed by you, for final acceptance by Front Range Fire Apparatus., at its home office in Frederick, Colorado, the apparatus and equipment herein named and for the following prices:

(1) Pierce Velocity 107' Ascendant Ladder **\$1,894,010.00**
HGAC FS12-23 per attached component list
Delivery is approximately 46.0 to 49.0 Months

Option 1: Make Chassis Pre-Payment of \$792,952.00
Due in Net 30 Days of Signed Contract **Deduct (\$23,789.00)**

Option 2: Make 100% Prepayment of \$1,704,010.00
Due in Net 30 Days of Signed Contract **Deduct (\$190,000.00)**

Total \$ _____

Said apparatus and equipment are to be built and shipped in accordance with the specifications hereto attached, delays due to strikes, war, or intentional conflict, failures to obtain chassis, materials, or other causes beyond our control not preventing, within about 46 to 49 months after receipt of this order and the acceptance thereof at our office at Frederick, Colorado, and to be delivered to you Denver, CO

The specifications herein contained shall form a part of the final contract, and are subject to changes desired by the purchaser, provided such alterations are interlined prior to the acceptance by the company of the order to purchase, and provided such alterations do not materially affect the cost of the construction of the apparatus.

The specification for fire apparatus conforms with all Federal Department of Transportation (DOT) rules and regulations in effect at the time of bid, and with all National Fire Protection Association (NFPA) Guidelines for Automotive Fire Apparatus as published at the time of bid, except as modified by customer specifications. Any increased costs incurred by first party because of future changes in or additions to said DOT or NFPA standards will be passed along to the customers as an addition to the price set forth above. Unless accepted within 30 days from date, the right is reserved to withdraw this proposition.

Due to global supply chain constraints, any delivery date contained herein is a good faith estimate as of the date of this order/contract, and merely an approximation based on current information. Delivery updates will be made available, and a final firm delivery date will be provided as soon as possible.



FOR FURNISHING FIRE APPARATUS

Persistent Inflationary Environment:

If the Producer Price Index of Components for Manufacturing [www.bls.gov Series ID: WPUID6112] (“PPI”) has increased at a compounded annual growth rate of 5.0% or more between the month Pierce accepts our order (“Order Month”) and a month 14 months prior to the then predicted Ready For Pickup date (“Evaluation Month”), then pricing may be updated in an amount equal to the increase in PPI over 5.0% for each year or fractional year between the Order Month and the Evaluation Month.

The seller will document any such updated price for the customer’s approval before proceeding and provide an option to cancel the order.

FRONT RANGE FIRE APPRATUS.

By: _____
Duane Doucette
SALES REPRESENTATIVE





Option List

12/20/2025

Customer:	Denver Fire Department	Bid Number:	1388
Representative	Doucette, Duane	Job Number:	
Organization:	Front Range Fire Apparatus, Ltd	Number of Units:	1
Requirements Manager:		Bid Date:	01/05/2026
Description:	Aerial, 107' Ascendant - No Pump Velocity	Stock Number:	
Body:	Aerial, HD Ladder 107' ASL Tandem, No Pump, Alum Body	Price Level:	54 (Current: 54)
Chassis:	Velocity Chassis, Aerials, Tandem Axle, Ascendant/LSL, (Big Block), 2010	Lane:	Lane 1

Line	Option	Type	Option Description	Qty
1	0766639		Boiler Plates, Aerial 107' ASL, w/o Pump Fire Department/Customer - Denver Fire Department Operating/In conjunction W-Service Center - Operating Miles - 25 Miles Number of Fire Dept/Municipalities - 10 Bidder/Sales Organization - Front Range Fire Apparatus Delivery - Delivery representative Dealership/Sales Organization, Service - Front Range Fire Apparatus	1
2	0018180		Single Source Compliance, Aerials	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 Fill in Blank - Velocity 105' ladder job #27970 in some aspects. Also 29636- a 105' PUC	1
7	0816491		Comply NFPA 1900 Changes Effective Jan 1, 2024, With Exceptions	1
8	0533349		Aerial Fire Apparatus	1
9	0588613		Vehicle Certification, Aerial w/o Pump	1
10	0681279		Agency, Apparatus Certification, Aerial w/o Pump, U.L.	1
11	0816495		Certification, Vehicle Inspection Program, NFPA 1900	1
12	0000000	STF	Inspection trip #1 - when - number of people Location - at customer location for a preconstruction conference. Qty, - 02	2
12	0000000	STF	Inspection trip #2 - when - number of people Location - at the factory for a post paint inspection Qty, - 02	2
12	0000000	STF	Inspection trip #3 - when - number of people Location - at the factory for a delivery inspection Qty, - 03	3
13	0799172		FLEET CUSTOMER	1
14	0092138		Highly Customized Product (HCP)	1
15	0620362		Consortium, HGAC	1
16	0535579		Not Required, Unit of Measure, (no pump, no tank)	1
17	0030006		Bid Bond Not Requested	1
18	0816571		Performance Bond, 100% with 25% Warranty Bond, 1 Yr, and Payment Bond, PPI Terms	1
19	0000007		Approval Drawing	1
20	0611571	SP	Drawing, As Built, At Delivery a Revised Print w/ Changes, FLEET	1
21	0891594	SP	Drawing, Cab, Top View, Seating and EMS Cabinets, Reference Only-FLEET	1
22	0727746	SP	Drawing, Compartment Layout, FLEET	1
23	0002928		Electrical Diagrams	1
24	0786878		Velocity Chassis, Aerials, Tandem Axle, Ascendant/LSL, (Big Block), 2010	1
25	0021007		Maximum Overall Height Size - 11'-6"	1
26	0000110		Wheelbase Wheelbase - 238.50"	1
27	0000070		GVW Rating GVW rating - 70,800 pounds	1
28	0000203		Frame Rails, 13.38 x 3.50 x .375, Qtm/AXT/Imp/Vel	1
29	0889469		Frame Liner, "C/Inv L" 12.50" x 3.00" x .25", AXT/Vel/Imp/Enf, 56" QVal	1
30	0508849		Axle, Front, Oshkosh TAK-4, Non Drive, 22,800 lb, Imp/Vel	1

Line	Option	Type	Option Description	Qty
31	0010427		Suspension, Front TAK-4, 22,800 lb, Qtm/AXT/Imp/Vel/Enf/SFR	1
32	0087572		Shock Absorbers, KONI, TAK-4, Qtm/AXT/Imp/Vel/Enf	1
33	0000322		Oil Seals, Front Axle	1
34	0899438		Tires, Front, Goodyear, Armor MAX MSA, 425/65R22.50, 20 ply	1
35	0019611		Wheels, Front, Alcoa, 22.50" x 12.25", Aluminum, Hub Pilot	1
36	0609365		Axle, Rear, Oshkosh TAK-4 T3, 48,000 lb, Rear Steer, 2 Axle, AXT/Imp/Vel	1
37	0544244		Top Speed of Vehicle, 60 MPH/96 KPH	1
38	0639331		Suspen, Rear, Oshkosh TAK-4, Independent, 48,000 lb	1
39	0000485		Oil Seals, Rear Axle	1
40	0614549		Pump, Thru-Pump, Oshkosh TAK-4, T3 Rear Steer, Aerial	1
41	0802654		Tires, Rear, Goodyear, Armor Max MSA, 445/65R22.5, 20 ply, (AWS/IRS), Tandem	1
42	0832511		Wheels, Rear, Alcoa, 22.50" x 13.00", Aluminum, Hub Pilot, Tandem, AWS/IRS	1
43	0642999		Tire Balancing, Not Required	1
44	0819008		No Tire Pressure Indicator, Fire Department Omits, Non-NFPA 2024 Compliant	1
45	0003245		Axle Hub Covers w/center hole, S/S, Front Axle	1
46	0002045		Mud Flap, Front and Rear, Pierce Logo	1
47	0601010		Chocks, Wheel, SAC-44-E, Folding, Aerials	1
			Qty, Pair - 01	
48	0601009		Mounting Brackets, Chocks, SAC-44-E, Folding, Horizontal, Aerials	1
			Qty, Pair - 01	
			Location, Wheel Chocks - Left Side Rear Tire, Forward	
49	0821337		ABS Wabco Brake System, Tandem Rear Axle, Tak-4, NFPA 1900/ULC	1
50	0030185		Brakes, Knorr/Bendix 17", Disc, Front, TAK-4	1
51	0831932		Brakes, Knorr, 17", Disc, Rear TAK-4 T3/IRS	1
52	0020784		Air Compressor, Brake, Cummins/Wabco 18.7 CFM	1
53	0000789		Brake Reservoirs, Five	1
			Paint Color, Air Tanks - Black #98	
54	0587033		Air Dryer, Brake, AD-9 w/heat, 2010	1
55	0000790		Brake Lines, Nylon	1
56	0000854		Air Inlet, w/Disconnect Coupling	1
			Location, Air Coupling(s) - DS Step Well, Rearward	
			Qty, Air Coupling (s) - 1	
57	0000860		Outlet, Air, with shut off valve	1
			Location, Air Coupling(s) - DS Frt Body Compt	
			Qty, Air Coupling (s) - 1	
58	0004200		Hose, Air 25' length, w/air chuck	2
			Qty, - 02	
59	0070810		All Wheel Lockup (Aerial/Tanker Chassis)	1
60	0014130		Air Tank, Additional for Extra Air Horn Capacity	1
			Paint Color, Air Tanks - Black #98	
61	0000853		Compressor, Air, Kussmaul 091-9 12V Brake System	1
			Location - LS6 above the inverter on left side wall	
62	0602848	SP	Air Line, S/S Braid, Air Governor	1
63	0612549		Fittings, Compression Type, Entire Apparatus, Tandem Rear Axle	1
64	0808495		Engine, Cummins X15, 525 hp, 1850 lb-ft, W/OBD, EPA 2027, Velocity	1
64	0000000	STF	Engine Contingency Adjustment Boulder Bid 1400	1
65	0730808		Filters, Remote Mounted, Oil, Fuel, X15, VEL/AXT/Enf	1
66	0001244		High Idle w/Electronic Engine, Custom	1
67	0729212		Idle Reduction, Battery Management System, BMS, Lithium, IRT	1
68	0729210		Idle Reduction, Lithium, Engine Auto Shut Down 5 min. and Auto Start	1
69	0732613		Not Required, Location IRT Power Converter	1
70	0678027		Engine Brake, Jacobs Compression Brake, Cummins Engine, with Allison Retarder	1
			Switch, Engine Brake - d) Cummins, Hi Lo	
71	0812692		Clutch, Fan, Air Actuated, Horton Drive Master, Compression Fitting	1
72	0755819	SP	Engine Regeneration, Inhibit, 0 MPH	1
73	0123135		Air Intake, w/Ember separator, Imp/Vel	1
74	0814375		Exhaust System, Horizontal, Right Side	1
			Exhaust, Diffuser - Aluminized Steel (Standard)	
			Exhaust, Material/Finish - Aluminized Steel (Standard)	
			Location, Diffuser Termination - 2.00" Past Rub Rail (Standard)	
			Tip, Exhaust - Straight Tip (Standard)	
75	0787999		Radiator, Impel/Veloccity	1

Line	Option	Type	Option Description	Qty
76	0720998	SP	Cooling Hoses, Gates Silicone and Rubber Combo, Include .25" Surge Tank	1
77	0014124		Skid Plate, Radiator, .25", All Custom Chassis	1
78	0659434	SP	Modification, Rubber Hose at Radiator, Denver	1
79	0673756		Winter Cover With Ventilation, Front Cab Grille, One Piece, Vel Color, Vinyl Cover - d) White	1
80	0001125		Fuel Tank, 65 Gallon, Left Side Fill	1
81	0001129		Lines, Fuel	1
82	0595087		DEF Tank, 4.5 Gallon, LS Fill, Forward of Rear Axle Door, Material & Finish, DEF Tank - Polished Stainless	1
83	0723716		Fuel Priming Pump, Electronic, Automatic, Cummins, No Swt Req'd	1
84	0582243		Shutoff Valves, Fuel Line @ Primary Filter, Cummins	1
85	0553019		Cooler, Engine Fuel, Imp/Vel, SFR/Enf	1
86	0578959		Fuel/Water Separator, Racor Inline	1
87	0887540		Trans, Allison 6th Gen, 4000 EVS PR, Imp/Vel Trans. retarder capacity - e. medium/1600, 4000 EVS Trans, retarder control - l) Auto 1/3, 2/3, 3/3	1
88	0625331		Transmission, Shifter, 6-Spd, Push Button, 4000 EVS	1
89	0797408		Transmission Oil Cooler, Modine, External, w/Modine External Sump	1
90	0648393		Labels, TRANSynd Transmission Fluid Only	1
91	0817505	SP	Relay, E-Master Enable/Disable "Auto Apply" IPO Switch, Allison Retarder	1
92	0801876		Fluid, 4000 Series Trans, Allison Approved TES-668 Synthetic, IPOS, Custom	1
93	0001375		Driveline, Spicer 1810	1
94	0669988		Steering, Sheppard M110 w/Tilt, TAK-4, Eaton Pump, w/Cooler	1
95	0001544		Not Required, Steering Assist Cylinder on Front Axle	1
96	0509230		Steering Wheel, 4 Spoke without Controls	1
97	0690274		Logo/Emblem, on Dash Text, Row (1) One - Denver Text, Row (2) Two - Fire Text, Row (3) Three - Department	1
98	0807045		Credit, Drum Pump Kit, Grease, Vogel Lube System	1
99	0834900	SP	Lube System, Vogel Auto Lube System, Tandem Rear Axle, Tak-4 T3, Boom Support	1
100	0123624		Bumper, 16" Extended, S/S, Polished, Imp/Vel	1
101	0616467		Tray, Tool, Center, 16" Bumper, Outside Air Horns, Imp/Vel Grating, Bumper extension - Grating, None	1
102	0617307		Cover, Aluminum Treadplate, Two (2) Flush Lift and Turn Latches, Tool Tray Stay arm, Tray Cover - b) Pneumatic Stay Arm	1
103	0510226		Lift & Tow Package, Imp/Vel, AXT	1
104	0522573		Tow Hooks Not Required, Due to Lift and Tow Package	1
105	0777636		Cab, Velocity FR, 8410 Raised Roof w/Deep Notch	1
106	0894910		Engine Tunnel, Foil Insulation w/Mech Fasteners, Imp/Vel FR, w/T3 Rear Axle	1
107	0887600		Cab Insulation, Impel/Velocity FR	1
108	0677478		Rear Wall, Exterior, Cab, Aluminum Treadplate	1
109	0199683		Cab Lift, Elec/Hyd, w/Manual Override, Unlocked Ind Light, Imp/Vel	1
110	0123176		Grille, Bright Finished, Front of Cab, Velocity	1
111	0002224		Scuffplates, S/S At Cab Door Jambs, 4-Door Cab Material Trim/Scuffplate - c) S/S, Polished	1
112	0527032		Trim, S/S Band, Across Cab Face, Rect Lights, Velocity Material Trim/Scuffplate - b) S/S, Brushed Turnsignal Covers - No Covers	1
113	0087357		Molding, Chrome on Side of Cab	1
114	0631222		Mirrors, Ramco, 8001FFHR-750HR, Htd/Rmt, w/Bolt-on Htd/Rmt Convex, Cab Mnt, Vel Riser, Ramco Mirror - 4.00", Pair, Ramco	1
115	0667921		Door, Half-Height, Velocity FR 4-Door Cab, Raised Roof Key Model, Cab Doors - 1041 Cab, Exterior Door Handle, Finish - 4-Door, Chrome/Black	1
116	0655511		Door Panel, Brushed Stainless Steel, Impel/Velocity 4-Door Cab	1
117	0667905		Storage Pockets w/ Elastic Cover, Recessed, Overhead, Impel/Velocity FR	1
118	0667902		Controls, Electric Windows, All Cab Doors, Impel/Velocity FR	1
119	0606691		Steps, 4-Door Cab, Dual, 2" Larger Middle and Bottom Steps, Imp/Vel Light, Step, Additional - P25 LED	1

Line	Option	Type	Option Description	Qty
120	0770194		Handrail, Exterior, Knurled, Alum, 4-Door Cab	1
121	0892637		Lights, Cab & Crw Cab Acs Stps, P25, LED w/Bezel, 1Lt Per Step Color, Trim - Chrome Housing	1
122	0002140		Fenders, S/S on Cab	1
123	0199245		Window, Side of C/C, Fixed, 84"/104" Vel/Imp	1
124	0552934		Trim, Cab Side Windows, 84" Velocity	1
125	0012090		Not Required, Windows, Front/Side of raised roof	1
126	0509287		Windows, Rear CC, (2) 11.25" x 18", Velocity	1
127	0553196		Trim, Cab Rear Windows, Velocity	1
128	0898703		Compt, Saddle, Transverse C/C, Dbl Pan, 84/104" Vel/Imp Light, Short Transverse Compt - OnScene Night Axe, Hinged Side Louvers - Door Scuffplate, Material/Finish - S/S, Polished Finish, Cab Compt/Component - Spatter Gray Door, Cab Exterior Cabinet - Double Pan, (2), Non-Locking Door, Exterior Stop - 2-Stay Arm Door, Cab Interior Cabinet - Lap, Drop, S/S, (2) Latches, Non-Locking	1
129	0603101	SP	Cover, Wires, Power Point, Underneath Cab Location - over the power point wires, under the cab, inside the engine tunnel, passenger side rear for protection.	1
130	0748671		Cab Interior, Vinyl, Velocity FR, CARE Color, Cab Interior Vinyl/Fabric - Endure Vinyl - Silver/Gray	1
131	0667943		Cab Interior, Paint Color, Impel/Velocity FR Color, Cab Interior Paint - a) gray	1
132	0509532		Floor, Rubber Padded Cab & Crew Cab, Imp/Vel	1
133	0741239		HVAC, Heavy-Duty, Impel/Velocity FR, CARE Paint Color, A/C Condenser - Treadplate, Brush Cover IPOS HVAC System, Filter Access - Tool Free Panel Auxiliary Cab Heater - Both	1
134	0639675		Sun Visor, Smoked Lexan, AXT, Imp/Vel, SFR/Enf Sun Visor Retention - No Retention	1
135	0548173		Grab Handles, Driver and Passenger Door Post, Imp/Vel	1
136	0002526		Light, Engine Compt, All Custom Chassis	1
137	0122516		Fluid Check Access, Imp/Vel Latch, Door, Storage - Lift and Turn Latch, Flush	1
138	0583042		Side Roll and Frontal Impact Protection	1
139	0622618		Seating Capacity, 5 Belted Seats	1
140	0697005		Seat, Driver, Pierce PS6, Premium, Air Ride, High Back, Safety, PRIMARY	1
141	0696994		Seat, Officer, Pierce PS6, Premium, Air Ride, SCBA, Safety, PRIMARY	1
142	0656795		Radio Compartment, Behind Officer Air Ride SCBA Seat, Imp/Vel	1
143	0102788		Not Required, Seat, Rear Facing C/C, LS Outboard	1
144	0102783		Not Required, Seat, Rr Facing C/C, Center	1
145	0102790		Not Required, Seat, Rear Facing C/C, RS Outboard	1
146	0122716		Seat, Fwd Fcng C/C, LS Otbrd, Pierce PS6, Premium, SCBA, Safety, SECONDARY	1
147	0122745		Seat, Fwd Fcng C/C, Ctr, (1) Pierce PS6, Premium, SCBA, Safety, SECONDARY	1
148	0122729		Seat, Fwd Fcng C/C, RS Otbrd, Pierce PS6, Premium, SCBA, Safety, SECONDARY	1
149	0566653		Upholstery, Seats In Cab, Turnout Tuff Color, Cab Interior Vinyl/Fabric - m) Gray	1
150	0543991		Bracket, Air Bottle, Hands-Free II, Cab Seats Qty, - 04	4
151	0603867		Seat Belt, ReadyReach Seat Belt Color - Red	1
152	0604864		Seat Belt Height Adjustment, 5 Seats, Imp/Vel	1
153	0543133		Bracket, Helmet Holder, Zico UHH-1 Qty, Helmet Storage Brkt - 5	1
154	0647637		Lights, Dome, Weldon Dual LED 6 Lts Color, Dome Lt - Red & White Color, Dome Lt Bzl - Grey Control, Dome Lt White - Door Switches and Lens Switch Control, Dome Lt Color - Lens Switch	1
155	0896451		Enhanced Software for Cab and Crew Cab Dome Lts	1

Line	Option	Type	Option Description	Qty
156	0631779		Light, Map, Overhead, Round Halogen, AXT/Imp/Vel	1
			12vdc power from - Battery switched	
157	0893590		Spotlight, Golight Stryker, Model 30**4ST, LED, 2 Lts	1
			Location - on each side	
			Color, GoLt - White	
			Bracket, Spotlight - Pedestal - 2 Lts	
158	0893537		Controller, Spotlight, Golight Stryker ST, Wired Dash Mt, 2 Lts	1
159	0621826		Location, Spotlight Controller, Driver Overhead and Officer Overhead, 2 Lts	1
160	0804719		Handlts, (4) Streamlight, Fire Vulcan, 44451, C4 LED, Tail Lts, 12v, Orange	1
			Location, Portable Hand Light - shipped loose	
161	0568369		Cab Instruments, Ivory Gauges, Chrome Bezels, Impel/Veloccity 2010	1
162	0509511		Air Restriction Indicator, Imp/Vel, AXT, Enf MUX	1
163	0543751		Light, Do Not Move Apparatus	1
			Alarm, Do Not Move Truck - Pulsing Alarm	
164	0509042		Messages, Open Dr/DNMT, Color Dsply,	1
165	0611681		Switching, Cab, Membrane, Impel/Veloccity, AXT WiFi MUX	1
			Location, Emerg Sw PnlS - Driver's Side Overhead	
166	0555915		Wiper Control, 2-Speed with Intermittent, MUX, Impel/Veloccity	1
167	0731813		Hour Meter, Aerial, Included in Information Centers, ASL, AAT, ASP	1
168	0002615		Switch, Aerial 12V Master	1
169	0002617		PTO switch, w/light - aerial	1
170	0834416		USB, Cab, 4, 12V DC, Dual USB Termination, NFPA1900/ULC	1
			USB, Type - USB Combo A & C	
171	0820904		Wiring, Spare, 15 A 12V DC 1st NFPA1900/ULC	4
			Qty, - 04	
			12vdc power from - Battery switched	
			Wire termination - Butt Splice	
			Location, Spare Wiring - two in the front of the cab behind panel #9 and	
			two in the rear, tucked into the forward facing seat riser	
172	0821191		Wiring, Spare, 20 A 12V DC, Batt Dir, 1st NFPA1900/ULC	1
			Location, Wiring - officer side overhead console for customer radio	
			12vdc power from - Battery direct	
			Wire termination - Butt Splice	
173	0820906		Wiring, Spare, 15 A 12V DC 2nd NFPA1900/ULC	1
			Qty, - 01	
			12vdc power from - Battery switched	
			Wire termination - 15 amp power point plug	
			Location, Spare Wiring - on the rear face of the dog house. Location, 1" -	
			2" to the right of the engine access door hinge, as near the top edge of dog	
			house as practical with an enclosure on the inside of engine tunnel for	
			protection - see photo.	
174	0566101		Recess, Dash Panel, Officer Side, Vel/Imp	1
175	0814201		Vehicle Information Center, 7" Color Display, Touchscreen, MUX, CL714	1
			System Of Measurement - US Customary	
176	0816633		Collision Mitigation, HAAS Alert (R2V), HA7	1
			Subscription, HAAS R2V - R2V - 5 Year Data Plan Subscription	
177	0730766		Disable Notifications, Vehicle Information Center	1
178	0606247		Vehicle Data Recorder w/CZ Display Seat Belt Monitor	1
179	0734174		Intercom, David Clark, 5-Pos, 2-Radio, D, O, 3ibC, 3805	1
			Location, Intercom, C Cab - 3) 3 forward facing seats	
180	0637058		David Clark Universal Radio Interfaces Included with Single/Dual System	1
			Location, Radio Interface - officer overhead position	
181	0597914		Headset, David Clark, H3442 Under Helmet, Flex Mic	5
			Qty, - 05	
			Location - all seating positions	
182	0003757		Antenna, Std and Add'l Mts Only, 2-way Radio,Cust,Spl Cable Routing	3
			Location - routed to officer seat box	
			Qty, - 03	
			Location 1 - on cab roof just to the rear of PS lightbar, one in each far	
			corner of the crew cab roof	
183	0817058		Camera, Pierce, LS Mux, R Camera, SD, CL714	1
			Camera System Audio - Not Provided	
184	0814831		Not Required, Camera Switcher	1
185	0725970		Guard, 4-Way, Stabilizer Cameras (2)	1

Line	Option	Type	Option Description	Qty
186	0896458		Pierce Command Zone, Advanced Electronics & Control System, Vel WiFi CZT Color, Antenna - White Antenna Module Housings - See Through Housings with LED Cuircuit Indicators	1
187	0896456		Prognostics, Electrical System	1
188	0730603		Electrical System, Velocity ESP, Cummins, Paccar	1
189	0735191		Batteries, (3) Stryten/Exide Grp 31, 950 CCA ea, Threaded Stud, LS Bat Box	1
190	0008621		Battery System, Single Start, All Custom Chassis	1
191	0123174		Battery Compartment, Imp/Vel	1
192	0724049		Battery Charger/Converter, (2) PD2180, 80 Amp x 2, IRT	1
193	0822898		Location, Body, Charger, LS6 Location, Comp Body - High On Left Wall	1
194	0813791		Panel, Charger Display, Kussmaul, 091-94-12, Batt Dir	1
195	0814942		Location, Cab, Ind/Remote, Driver's Seat with Bracket	1
196	0819019	SP	Inverter, Xantrex Freedom X, 817-2000, Non-NFPA 2024 Batt Sw	1
197	0814953		Location, Body, Inverter, LS Forward Compartment Location, Comp Body - LS6 left wall centered floor to ceiling	1
198	0811952		Not Required, Indicator/Remote Status	1
199	0824337		Not Required, Location Ind/Remote	1
200	0016848		Shoreline, 20A 120V, Kussmaul Auto Eject 091-20WP-120 Qty, - 02 Color, Kussmaul Cover - d) yellow Connection, Shoreline - 1st shoreline connected to battery charger and six place receptacle strip in the cab and 2nd shoreline connected to transfer that is integral to the inverter, terminate in RS4 w/3 feet of cable in the upper rear left corner	2
201	0026800		Shoreline Location Location, Shoreline(s) - DS Rear bulkhead	1
202	0724036		Shoreline, IRT, 30A 120V, Kussmaul Auto Eject, 091-159-30-120, Super Color, Kussmaul Cover - d) yellow	1
203	0724033		Shoreline Location IRT Location, Shoreline, IRT - Body- LS Rear Bulkhead	1
204	0723255		Sub Feed Breaker Box, Cutler Hammer, For IRT Shoreline Location, CB Panel - LS forward compartment near battery converter.	1
205	0529667		Cover, Protection Battery Box IO Modules	1
206	0647728		Alternator, 430 amp, Delco Remy 55SI	1
207	0660887	SP	Antenna Mount, NMO on Body w/100' LMR240 Ultra Location - at the rear of the truck over the traffic advisor on passenger side Qty, - 01 Location, Antenna Cable - officer seat box	1
208	0002860	SP	Sealer (Gorp), No Gorp Req'd on Elect Connections, Denver only	1
209	0603291	SP	Open Weather Pack Connections Plugged W/Weather Pack Connectors	1
210	0092582		Load Manager/Sequencer, MUX Enable/Disable Hi-Idle - e)High Idle enable	1
211	0720839		Switch, CZ Display Only, Load Manager	1
212	0648716		Headlights, Rectangular Halogen, Imp/Vel	1
213	0648425		Light, Directional, WIn 600 Cmb, Cab Crn, Wrp Bzl Out HD Lts, Imp/Vel/AXT/Qtm Color, Lens, LED's - m)match LED's	1
214	0781760	SP	Light, Dir/Mark, Intrm, Truck-Lite 30375Y LED Grm Mt 4lts, Over 30' MUX	1
215	0648074		Lights, Clearance/Marker/ID, Front, P25 LED 7 Lts	1
216	0090155		Lights, Clearance/Marker/ID, Rear, Truck-Lite 35200R LED 7Lts	1
217	0602938		Light, Marker End Outline, Rubber Arm, LED Marker Lamp, Rear Body Qty, Lights, Pair - 1	1
218	0804519		Lights, Tail, WIn M62BTT* Red Stop/Tail & M62T* Amber Dir Arw w/Flange Color, Lens, LED's - Match Color, Trim - Chrome Trim Flash Pattern, Directional Lts - Steady On (Arrow)	1
219	0805618		Lights, Backup, WIn M62BU Color, Trim - Chrome Trim	1
220	0664466		Bracket, License Plate & Light, Weldon 9186-23882-30 Incand, Temp Under Tailbrd Location - driver side	1
221	0589905		Alarm, Back-up Warning, PRECO 1040	1
222	0817254		Lights, Perimeter Cab, Amdor AY-LB-12HW0** LED 4Dr	1

Line	Option	Type	Option Description	Qty
223	0765941		Lights, Perimeter Body, Amdor AY-LB-12HW012 LED 2lts, Turntable Access Control, Perimeter Lts - DS Switch Panel and Parking Brake Applied	1
224	0896454		Enhanced Software for Perimeter Lts	1
225	0554206		Lights, Step, Aerial w/o Pump	1
226	0612106	SP	Light, Visor, WIn, 12V PSL2* Pioneer LED Spotlt, Deep Notch Cab 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, WIn Lt Housing - White Paint	1
227	0768061		Lights, WIn, PCPSM2* Pioneer, 12 VDC, 1st Location - behind passenger side cab door, high as possible Qty, - 01 Color, WIn Lt Housing - Chrome Cover Control, Scene Lts - Cab Sw Panel DS and Cab Sw Panel PS	1
228	0768059		Lights, WIn, PCPSM2* Pioneer, 12 VDC, 2nd Location - behind driver side cab door, high as possible Qty, - 01 Color, WIn Lt Housing - Chrome Cover Control, Scene Lts - Cab Sw Panel DS and Cab Sw Panel PS	1
229	0761635		Lights, HiViz FT-MB-27-*-* 34.89", 2nd Location - above RS1 and RS5 body compartments Qty, - 02 Control, Scene Lts - Side Scene Controls Color, Lt Housing HiViz - White Scene Light Optics - combination	2
230	0761636		Lights, HiViz FT-MB-27-*-* 34.89", 1st Location - above LS1 and LS5 body compartments Qty, - 02 Control, Scene Lts - Side Scene Controls Color, Lt Housing HiViz - White Scene Light Optics - combination	2
231	0721094		Lights, Hose Bed, Not Required, No Hose Bed/Cargo Area	1
232	0831927		Lights, Rear Scene, WIn, MPP**S Micro Pioneer LED, Ped/Swivel, 2Lts Color, WIn Lt Housing - Black Paint w/Chrome Cover Control, Rear Scene Lts - No Additional Control	1
233	0645687		Lights, Rear Scene, WIn, M6ZC LED, 1st Qty, - 02 Control, Rear Scene Lts - Cab Switch Panel DS Location, Scene Lights - Each Side Rear Body, High, 2lts	2
234	0709438		Lights, Walk Surf, FRP Flood, LED	1
235	0788427		Aerial, HD Ladder 107' ASL Tandem, No Pump, Alum Body	1
236	0554269		Body Skirt Height, 18"	1
237	0553729		Not Required, Restraint, Water Tank, Heavy Duty	1
238	0073475		Cargo Area, Alum, IPO Hose Bed, Ascend TA, PAL	1
239	0723547		Painted Hose Bed/Cargo Area Paint Color, Hose Bed Interior - Match Lower Body	1
240	0897832		T/T Steps, Angled, w/Lift Bar Latch, LS/RS, Ascend TA, 105', 100' PAP	1
241	0837592		Lights, Angled Step (8), P25 LED, Each Side Control, Scene Lts - Aerial master Color, Trim - Chrome Housing	1
242	0690023		Wall, Rear, Smooth Aluminum	1
243	0029503		Tow Eyes (2), Painted Lower Job Color, Aerial	1
244	0784151		Rear Substructure, Special Width, Angled Turntable Steps, Ascend TA, PAL,PAP	1
245	0013641		Construction, Compt, Alum, Ascendant Tandem, PAL	1
246	0033674		Compt w/No Pump, 36" Wide w/Rollup Door	1
247	0891800		Compt, LS F/H F/D, Roll Drs, Ascend TA, 105', 100 HAL, No Pump No Tank Hinge Location - Rear of Body Door, Material & Finish, Stabilizer - Polished Stainless Steel Latch, Door, Access - lift and turn latch, flush	1
248	0829188	SP	Compt, LS Turntable, F/H F/D, Roll,Spec LS2 Door Ht,Ang T/T Acc,Ascend TA,05'	1
249	0023672		Compt, IPO Stairs, Not Required, LS	1

Line	Option	Type	Option Description	Qty
250	0063735		Compt, RS F/H F/D, Roll Drs, w/o Chute, Ascendant Tandem, 105', 100 HAL Hinge Location - Rear of Body Door, Material & Finish, Stabilizer - Polished Stainless Steel Latch, Door, Access - lift and turn latch, flush	1
251	0829189	SP	Compt, RS Turntable, F/H F/D, Roll, Spec RS2 Door Ht, Ang T/T Acc, Ascend TA, 105'	1
252	0023673		Compt, IPO Stairs, Not Required, RS	1
253	0594012		Doors, Amdor, Rollup, Side Compartments Qty, Door Accessory - 10 Color, Roll-up Door - AMDOR Satin Aluminum Latch, Roll-up Door - Non-Locking Liftbar	10
254	0556162		Not Req'd, Compt Blister in Front of Rear Axle	1
255	0829065	SP	Bumper, Rr, 5" Trdplt Cov No Bottom Piece, Ang Crnrs, Ang T/T Stps, Ascend TA, PAP, PAL	1
256	0891633	SP	Door Stop, Reduced in Height, Amdor Rollup Door, Each Location, Door Accessory - D2 and P2 Qty, - 02	2
257	0551416		Lights, Compt, OSS, LED & Truck-Lite Model 79384 Location - all body compartments Qty, - 10	10
258	0587545		Lights, Compt, OSS, LED Night Stik, 9", Additional Location, Lights - LS55 and RS5 outrigger compartments Qty, - 02	2
259	0761022		Lights, Cargo/Dunnage, Amdor AY-LB-12HW020 Brkt Location - front of cargo area Qty, - 01 Control, Scene Lts - Step Lights, Body	1
260	0603420		Shelf Tracks, Painted, Aerial Qty, Shelf Track - 06 Location, Shelf Track - LS1, LS3, LS4, RS1, RS3 and RS4	6
261	0600289		Shelves, Adj, 500 lb Capacity, Full Width/Depth, Predefined Locations, Aerial Qty, Shelf - 06 Material Finish, Shelf - Painted - Spatter Gray Location, Shelves/Trays, Predefined - RS3-Centered, RS4-Upper Third, RS1-Upper Third, LS3-Centered, LS4-Centered and LS1-Upper Third	6
262	0788561		Access Panel, Compartment Wall Location - LS4 compartment right side wall to access DEF header, panel needs to extend up past the transition point in the compartment several inches to allow access to DEF fittings. Same as what was done on job 39150 Qty, - 01 Size - as tall and as wide as possible same as job 39150 Fill in Blank - the DEF header	1
263	0751341	SP	Compt, Transverse Between Stabilizer Compts, Ascendant TA, 105', 100' PAP	1
264	0013909		Compt, Transverse Over Torque Box, PAL/PAP Location - LS4/RS4 as large as possible Qty, Comp. Accessory - 01	1
265	0793754	SP	Fan, 12VDC, Compartment, Thermostatic Control, Compartment Location - LS4 Qty, - 01 Position, In Compt - left side wall above the inverter	1
266	0004033		Rub Rail, Aluminum Extruded, Side of Body, Xtra Space (.50")	1
267	0802978		Fender Crowns, Rear, S/S, w/Removable Fender Liner, Aerial, 2G, Two Pair Material Finish, Fender Liner - Painted Aluminum Lower Body	1
268	0889851	SP	Compt, Air Bottle/Extinguisher, Between Tandems, Three (3), w/Straps, Bolt-In, Aerial Qty, Air Bottle Comp - 2 Door Finish, Fender Compt - Polished Location, Fender Compt - LS and RS Latch, Air Bottle Compt - Flush Lift & Turn, Pair Insert, Air Bottle Compt - Rubber Matting Door Type - lift up with pneumatic spring	2
269	0004218		Ladder, 35' Duo-Safety 1200A 2-Sect Qty, - 1	1
270	0010406		Ladder, 28' Duo-Safety 1200A 2-Section Qty, - 02 Location, Extension Ladder - torque box	2

Line	Option	Type	Option Description	Qty
271	0024232		Ladder, 16' Duo-Safety 875A Roof Qty, - 02	2
272	0049235		Ladder, 10' Duo-Safety 775A Roof Qty, - 1	1
273	0812308	SP	Ladder, 14' Duo-Safety 775-DR, 16.00" Wide, 7/8" Roof Hooks Both Ends, Non-NFPA Qty, - 01	1
274	0521218		Not Required, Attic Extension Ladder	1
275	0004246		Ladder, 10' Duo-Safety Folding, 585A Qty, - 01	1
276	0042207		Location, Folding Ladder Aerial - torque box Ladders Stored in Torque Box, Gortite Roll, Ascendant TA, PAL, PAP Color, Roll-up Door, Gortite - Satin finish Latch, Roll-up Door, Gortite - Non-Locking, Rear	1
277	0796297	SP	Lights, Torque Box Ladder Storage, OSS 73020 Strip Lights, 2 Lts	1
278	0812235		Ladder, Little Giant, Revolution 2.0 - Model 17, 13117 Location - ship loose	1
279	0685402		Dura-Surf, Added Location - on the bottom of all the ladder troughs Qty, - 06	6
280	0658170		Ladders, Nested, Right Side Ground Ladder Storage	1
281	0724827		Stokes Basket Storage Compt, Full Width, Above Compartment In Place of Pump Door, Material & Finish, Storage - Aluminum Treadplate Latch, Door, Storage - Lift and Turn Latch, Flush Hinge Location - Top Access, Backboard/Stokes/Long Tool Compt - Both Size, Stokes Basket, Predefined - 84"L x 25"W x 9"H	1
282	0775907		Pike Pole, 12' DUO Safety, Fiberglass Qty, - 02	2
283	0567897		Pike Pole, 8' Fire Hooks Unlimited, New York Roof Hook, Steel, Pry End, RH-8 Qty, - 02 Location - ladder storage	2
284	0552649		Pike Pole, 6' Fire Hooks Unlimited, New York Roof Hook, Steel, Pry End, RH-6 Qty, - 02 Location - ladder storage	2
285	0548410		Not Required, Pole, Pike, 3'	1
286	0068133		Trash Hook, 8' Fire Hooks Unlimited, TRH-8, w/D Handle Qty, - 01 location, pike pole - ladder storage	1
287	0770464		Trough, S/S, Torque Box/Ladder Storage, D-Handled Pike Pole/Trash Hooks Qty, - 01 Pike Pole Make/Model Predefined - Fire Hooks Unlimited 8' Arson Trash Hook D Handle	1
288	0770578		Pike Pole Tubes, in Torque Box/Ladder Storage, ABS Qty, - 06	6
289	0024388		No Steps Required, Front Of Body	1
290	0621993	SP	Cover, Over Cargo Area, Incl Fasteners at Rear, 22 oz Yellow Vinyl, Aerial Type of fastener - bungee cord and hook with pull tab-Sides of Cargo Type of fastener, Rear - bungee cord and hook with pull tabs-Rear of Cargo	1
291	0837187		Air Horns, (2) Grover Stuttertone, 6" Round, In Bumper Finish, Air Horns - Grover, Chrome	1
292	0606834		Location, Air Horns, Bumper, Each Side, Outside Frame, Inboard (Pos #2 & #6)	1
293	0757092		Control, Air Horn, Multi Select	1
294	0757076		Control, Air Horn, Lanyard, RS Lanyard - Nylon covered cable	1
295	0757081		Control, Air Horn, Ft Sw, LS	1
296	0757080		Control, Air Horn, Ft Sw, RS	1
297	0006100		No Electronic Siren	1
298	0046133		No Siren Location	1
299	0076155		No Siren Switch	1
300	0006188		No Speaker	1
301	0550461		Location, Not Required, No Speaker (Q2B)	1

Line	Option	Type	Option Description	Qty
302	0895310		Siren, Federal Q2B Finish, Q2B Siren - Chrome	1
303	0578974		Siren, Mechanical, Recessed In Grille, Imp/Vel	1
304	0748305		Control, Mech Siren, Multi Select	1
305	0748281		Control Mech Siren, Ft Sw RS	1
306	0748280		Control Mech Siren, Horn Ring	1
307	0740834		Sw, Siren Brake, Momentary Red, LS Overhead Sw Pnl	1
308	0741233	SP	Grounding Wire, Q2B Siren Motor to Ground Stud, No Gorp	1
309	0893861	SP	Control, Warning Lt Intensity, WIn, Prk Brk Released	1
310	0809454	SP	Lights, WIn, M6**, BRBR BRBR LED 8Lts, Prk Brk Interlock Color, Lens, LED's - Clear Color, Trim - Chrome Trim	1
311	0833280		Light, GTT, 794* LED Opticom Emitter, Remote Mtd on Cab Roof Location - drive side cab roof, just to the outside of the notch Opticom Priority - b) High Opticom Activation - Cab Switch & E-Master Momentary Opticom Activation - no activation	1
312	0898734		Light, Front Zone, WIn M6** M6** M6** M6** Q Bzl Color, Lens, LED's - Colored Color, Lt DS Frnt Outside - Left Red Color, Lt PS Frnt Outside - Right Blue Color, Lt DS Front Inside - Left White Color, Lt PS Front Inside - Right White Color, Q Bezel and Trim - Polished Chrome	1
313	0898593		Lights, Side Zone Lower, WIn M6**, M6V2**, M6V2**, 6Lts Location, Lights Front Side - b)each side bumper Color, Lens, LED's - Colored Control, Scene Lts - Cab Sw Panel DS and Directional Light Location, Lights Mid Side - Over Front Wheels Location, Lights Rear Side - Between Tandem Color, Trim - Chrome Trim Color, Lt Side Front, DS - Left Red Color, Lt Side Front, PS - Right Red Color, Lt Side Mid DS - Left Blue Color, Lt Side Mid PS - Right Blue Color, Lt Side Rear PS - Right Red Color, Lt Side Rear DS - Left Red	1
314	0809198		Lights, Side, WIn M6**, 45 Deg Bzl, Cab Corner, 2lts Color, Lights, Warning - Blue Left, Red Right Control, Light - b) side warning Color, Lens, LED's - Match Material, Bracket - Polished S/S Color, Trim - Chrome Trim	1
315	0746422		Lights, Rear Zn Lwr, WIn M6*, Lw Int Color, Lens, LED's - Match Color, Lt DS Rear - r) DS Rear Lt Red Color, Lt PS Rear - b) PS Rear Lt Blue Color, Trim - Chrome Trim	1
316	0746415		Lights, Rear, WIn M6** LED, Features 1st, Lw Int Location - above the taillights driver side Qty, - 01 Color, Lights, Warning - Blue Flashing Control, Light - a) rear upper warning Color, Lens, LED's - Colored Color, Trim - Chrome Trim	1
317	0746262	SP	Lights, Rear, WIn M6** LED, Features 2nd, Lw Int Location - above the taillights passenger side Qty, - 01 Color, Lights, Warning - Red Flashing Control, Light - a) rear upper warning Color, Lens, LED's - Colored Color, Trim - Chrome Trim	1
318	0893240	SP	Light, Rear Zone Up, WIn B6M7**P, L31 Hi Int, M7* Lw Int Lt Color, Dome, Rear Warning - Both Domes the LED Color	1

Line	Option	Type	Option Description	Qty
318			Color, Lens, LED's - m)match LED's Color, Lt DS Rear - Left Amber Color, Lt PS Rear - Right Amber Color, Beacon, DS LED's - Left Red Color, Beacon, PS LED's - Right Blue	
319	0006551		Not Required, Lights, Rear Upper Zone Blocking	1
320	0780460		Light, Traffic Directing, WIn TAL65, 36" Long LED, Len Color Feature, Aerials Activation, Traffic Dir L - Not Connected Color, Lens, LED's - Clear	1
321	0530074		Location, TDL, On Top of Body Below Turntable w/Treadplate Box	1
322	0530280		Location, Traf Dir Lt Controller, Overhead Switch Panel DS Center	1
323	0781579		Receptacle, 15/20A 120V 3-Pr 3-Wr, NEMA 5-20R SB Dup, 1st, Interior Cab Qty, - 01 Location 1 - behind the driver seat with 2 feet of extra cable so customer can remote mount the receptacle on a cabinet that they will be installing AC Power Source - Shoreline to Inverter Internal Transfer Sw Cover, Receptacle - Interior SS Wall Plate(s)	1
324	0779698		Receptacle Strip, 15A 120V 6-Place, Interior Body Qty, - 01 Location 1 - in D2 (see photo) mounted high across the top rear corner AC Power Source - Shoreline	1
325	0519934		Not Required, Brand, Hydraulic Tool System	1
326	0649753		Not Required, PTO Driven Hydraulic Tool System	1
327	0755095		Aerial, 107' ASL Tandem, 750/500 Tip, 50 MPH	1
328	0000042		Boom Support, Rear of the Chassis Cab	1
329	0762413		Light, Boom Support, Amdor AY-LB-12HW012, 12" LED	1
330	0680821		Boom Panel, Pair	1
331	0526885		Paint Color, Predefined - #20 White Indicator, Extension, Inside and Outside Handrails, Every 10' Color - 1) black	1
332	0723719		Steps, Folding, Four, Aerial Device, Trident Coating, Step - luminescent Light, Aerial Device Folding Step - no integrated light Finish, Aerial Device Folding Step - bright finish	1
333	0688232		Rung Covers, Aerial Device Rung Cover Color - Safety Yellow	1
334	0680785		Limited Retraction, Aerial	1
335	0678539		Brackets Only, Roof/Wall Ladder, Aerial Fly Section Finish - Painted, Aerial Device Color Roof Ladder, Make/Model - 14' Duo-Safety 775-DR 16.00" Wide	1
336	0601972		Lights, Turntable Walkway, P25, LED	1
337	0601949		Light, Turntable Console, TecNiq T-10, LED Strip Light	1
338	0657520		Guard, Turntable Lighting	1
339	0814217		Control Stations, ASL Tandem Axle, MUX, Color Display, CL714	1
340	0792976		Stabilizers, Ascendant Tandem, Rear Mount Steel, 16' Spread, 18" Pen, MUX Material, Stabilizer Pad - Composite	1
341	0729051		Stabilizer Pan and Trim Material Stabilizer Panels - polished stainless steel Stabilizer Trim - polished stainless steel	1
342	0809974		Door, Stabilizer Control Box, MUX Aerials Latch, Door, Storage - Lift and Turn Latch Hinge Location - Outboard Door, Material & Finish, Stabilizer - Smooth aluminum	1
343	0615058		Stabilizer Placement, Cameras w/Command Zone Color Display, 1 Set	1
344	0793039		Hydraulic System, Ascendant Tandem Axle	1
345	0793037		Swivels, D-Series w/Encoder, ASL-Tandem/Tiller, MUX (28 Collector Rings)	1
346	0805186		Electrical System, ASL Tandem Axle, MUX, 10/8 Cable	1
347	0804781		Aerial Scene Lts Separated into Aerial Tip Category and Aerial Tracking Category	1
348	0803462		Lights, Tip, WIn MP** LED, 2lts Color, WIn Lt Housing - White Paint Scene Lt Optics LH Fly - Flood Left Scene Lt Optics RH Fly - Flood Right Mount, WIn II - Pedestal Mnt, Low Profile MP**	1

Line	Option	Type	Option Description	Qty
349	0802753		Lights, Tracking, WIn MP** LED, 2lts Location, Sw, Arl DC Lts - m) 2 locations Color, WIn Lt Housing - White Paint Scene Lt Optics LH Base - Left Flood Scene Lt Optics RH Base - Right Flood Mount, WIn II - Universal Bail MP**	1
350	0653677		Lighting, Rung, LED, TecNiq, 4 Section, Base, Lower/Upper Mid, Fly Control, Aerial Rung Lighting - Turntable Sw w/Aerial Mstr Color, Lt Aerial Fly Sect - Amber Color, Lt Aerial Base Sect - Amber Color, Lt Aerial Lower Mid Sect - Amber Color, Lt Aerial Upper Mid Sect - Amber	1
351	0540746		Lights, Stabilizer Warn (2) Sets, WIn M6* LED, Colored Lens Color, Lt Rr Stabilzr Pan - r) Pan Light Red Color, Lt Fr Stabilzr Pan - r) Pan Light Red	1
352	0068703		Lights, Grote Supernova LED, Stabilizer Beam, (1) Set	1
353	0601974		Lights, Stabilizer Scene, (2) sets, Truck-Lite 44042C, LED	1
354	0006929		Not Required, 120v To Tip	1
355	0006920		Intercom, 2-Way Atkinson (PAL)	1
356	0540895		Not Required, Breathing Air to Tip, Aerial Ladder	1
357	0024742		Not Required, Mask, Breathing Air To Tip	1
358	0056918		Not Required, Raised Aerial Pedestal	1
359	0604457		Lifting Eye Assembly, Rope Rescue Attachment, ASL, LSL	1
360	0776044	SP	Boom Support, Platform Tube Style IPO C-Channel	1
361	0791128		Hitch Receiver, 10,000 lb, LS/RS, Under Body Sides, Ascendant TA, PAP/PAL	1
362	0530826		Turntable Access, ManSaver Bars, Yellow	1
363	0624672		Waterway, High Flow, 1500 GPM, ASL	1
364	0632855		Monitor, Akron 3480 StreamMaster II Electric w/Extended Vertical Travel Nozzle, Monitor 1 PAL - Akron 3499 Tips/3485 Shaper	1
365	0010758		Flow Meter, Waterway, PAL, 110' Ascendant, MUX	1
366	0696163	SP	Inlet, 6.00" at Rear w/o Midship Pump, (PAP, PAL)	1
367	0673128		Quick-Lock Waterway Locking System, 100' HDL, 105' HDL, ASL	1
367	0000000	STF	Elbow, Aerial Inlet, 6" FNST x 5" Storz w/Cap, Gray Finish Location - rear waterway inlet Qty, - 1	1
368	0047901		Not Required, Tools, Aerial, PAL/PAP	1
369	0559494		Manuals and Training, 3 Consecutive Days, Ascendant Ladder, PAL, English	1
370	0007150		Bag of Nuts and Bolts Qty, Bag Nuts and Bolts - 1	1
371	0816498		NFPA Required Loose Equipment, Aerial, NFPA/ULC 2024, Provided by Fire Dept	1
372	0816939		Extinguisher, Dry Chemical, NFPA 2024, Provided by Fire Department	1
373	0816937		Extinguisher, 2.5 Gal. Pressurized Water, NFPA/ULC 2024, Provided by Fire Dept	1
374	0007482		Not Required, Crowbars	1
375	0007484		Not Required, Claw Tools	1
376	0816998		Axe, Flathead, Provided by Fire Department	1
377	0817000		Axe, Pickhead, Provided by Fire Department	1
378	0007494		Not Required, Sledgehammers	1
379	0741569		Paint Process / Environmental Requirements, Appleton	1
380	0709763		Paint, Single Color, Velocity/Impel Paint Color, Cab - #20 Blue White	1
381	0709845		Paint, Single Color, Body Paint, Body - Match Lower Cab	1
382	0636524		Coating, Chassis Frame Assy, With Liner, Hot Dip Galvanized Paint Color, Frame Assembly, Predefined - Gloss Black	1
383	0693797		No Paint Required, Aluminum Front Wheels	1
384	0693792		No Paint Required, Aluminum Rear Wheels	1
385	0733739		Paint, Axle Hubs Paint, Axle Hub - Primary Job Color	1
386	0581434		Transit Coating, Carwell, Corrosion Protection, Including Underside	1
387	0007230		Compartment, Painted, Spatter Gray	1
388	0782202		Aerial Ladder Paint, ASL-Tandem, LSL Paint Color, Aerial Device - Blue White 20	1

Line	Option	Type	Option Description	Qty
388			Paint Color, Egress - #50 Red Paint Color, Turntable - Blue White 20 Paint Color, Boom Support - black 101 Paint Color, Cylinders - blue white 20 Paint Color, Aerial Torque Box - gloss black primer Paint Color, Aerial Stabilizers - black 101 Paint Color, Aerial Control Console - blue white 20	
389	0544129		Reflective Band, 1"-6"-1" Color, Reflect Band - A - e) black Color, Reflect Band - B - t) gold Color, Reflect Band - C - za) black	1
390	0510041		Reflective across Cab Face, Imp/Vel	1
391	0583454		Stripe, Chevron, Rear, Diamond Grade, Aerial Color, Rear Chevron DG - fluorescent yellow green	1
392	0598754		Stripe, Reflective/Diamond Grade, 4.00" on Stabilizers Color, Reflect Band - A - g) yellow	1
393	0027341		Jog, In Reflective Stripe, Single or Multiple Qty, - 1	1
394	0515348		Stripe, Black Outline, Scotchlite on Reflective Band Qty, - 1	1
395	0509398		Stripe, Reflective, Chevron, Cab and Crew Cab Doors Interior Color, Reflect Band - B - t) gold Size, Chevron Striping - 04 Color, Reflect Chev - A - e) black	1
396	0033179		Lettering Specifications, Reflective	1
397	0686159		Lettering, Reflective, 3.00", (41-60) Outline, Lettering - Outline	1
398	0685991		Lettering, Reflective, 10.00", (21-40) Outline, Lettering - Outline	1
399	0822405		Lettering, Reflective, Script, 2-3"	1
400	0041534		Emblem, (3) Letter Monogram Style with Lettering, Reflective, Denver, Each Qty, - 02 Location, Emblem - one on each side on the cab doors Color, Reflective - i) gold	2
401	0522815		Emblem, American Flag, Waving, Gerber Vision, Pair Location, Emblem - in the window over the rear cab doors	1
402	0666414		Emblem, Freedom Flag, Each Qty, - 01 Location, Emblem - R1 Size, Flag - 24" - 25"	1
402	0000000	STF	Service - Oil Change and Lube, Denver	1
402	0000000	STF	Trimeese (3) 2.5" (F) NST x 6" (F) NST - Denver NEW!!! Qty, - 1	1
402	0000000	STF	Service - Oil Samples, Denver	1
403	0031972		Manuals, Two (2), Fire Apparatus Parts, Custom Chassis	1
404	0002905		Manuals, (2) Chassis Service, Custom	1
405	0032433		Manuals, Two (2) Chassis Operation, Custom, English	1
406	0030008		Warranty, Basic, 1 Year, Apparatus, WA0008	1
407	0611136		Warranty, Chassis, 3 Year, Velocity/Impel, WA0284	1
408	0696698		Warranty, Engine, Cummins, 5 Year, WA0181	1
409	0684953		Warranty, Steering Gear, Sheppard M110, 3 Year WA0201	1
410	0595767		Warranty, Frame, 50 Year, Velocity/Impel, WA0038	1
411	0595698		Warranty, Axle, 3 Year, TAK-4, WA0050	1
412	0644874		Warranty, Axle, 3 Year, TAK-4, IRS, WA0249	1
413	0652758		Warranty, ABS Brake System, 3 Year, Meritor Wabco, WA0232	1
414	0019914		Warranty, Structure, 10 Year, Custom Cab, WA0012	1
415	0744240		Warranty, Paint, 10 Year, Cab, Pro-Rate, WA0055	1
416	0524627		Warranty, Electronics, 5 Year, MUX, WA0014	1
417	0695416		Warranty, Pierce Camera System, WA0188	1
418	0708760		Warranty, Not Applicable, LED Strip Lights	1
419	0046369		Warranty, 5-year EVS Transmission, Standard Custom, WA0187	1
420	0685945		Warranty, Transmission Cooler, WA0216	1
421	0596025		Warranty, Structure, 10 Year, Body, WA0009	1

Line	Option	Type	Option Description	Qty
422	0831317		Warranty, Gortite, Roll-up Door, 6 Year and AMDOR, Roll-up Door, 10 Year/5 Paint	1
423	0006999		Warranty, Structure, 20 Year, Aerial Device, WA0052	1
424	0687388		Warranty, Swivels, 5 Year, Aerial Device, WA0197	1
425	0088889		Not Required, Additional Aerial Warranty	1
426	0687327		Warranty, Waterway, 10 Year, Aerial Device, WA0198	1
427	0595860		Warranty, Paint, 4 Year, Aerial Device, Pro-Rated, WA0047	1
428	0595820		Warranty, Paint, 10 Year, Body, Pro-Rate, WA0057	1
429	0595412		Warranty, Graphics Lamination, 1 Year, Apparatus, WA0168	1
430	0819254		Certification, Vehicle Stability, CD0196	1
431	0808577		Certification, Engine Installation, Velocity, Cummins X15, 2027	1
432	0686786		Certification, Power Steering, CD0098	1
433	0892701		Certification, Cab Integrity, Impel/Velocity FR, CD0190	1
434	0548950		Certification, Cab Door Durability, Velocity/Impel, CD0001	1
435	0548967		Certification, Windshield Wiper Durability, Impel/Velocity, CD0005	1
436	0667411		Certification, Electric Window Durability, Velocity/Impel FR, CD0004	1
437	0549273		Certification, Seat Belt Anchors and Mounting, Imp/Vel/Vel SLT, CD0018	1
438	0735950		Certification, Cab HVAC System Perf, Vel/Imp FR, CD0166/CD0168/CD0176/CD0177	1
439	0545073		Amp Draw Report, NFPA Current Edition	1
440	0002758		Amp Draw, NFPA/ULC Radio Allowance	1
441	0799248		Appleton/Florida BTO	1
442	0000049		Ascendant BODY	1
443	0000012		PIERCE CHASSIS	1
444	0004713		ENGINE, OTHER	1
445	0046396		EVS 4000 Series TRANSMISSION	1
446	0020015		ABS SYSTEM	1
447	0658751		PUMPER BASE	1



Turning Performance Analysis

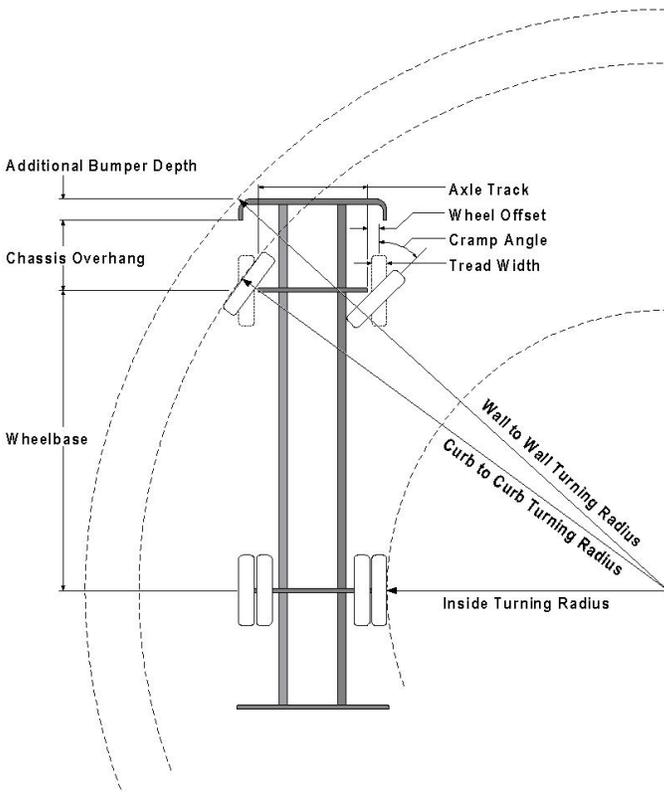
12/20/2025

Bid Number: 1388

Chassis: Velocity Chassis, Aerials, Tandem Axle, Ascendant/LSL, (Big Block), 2010

Department: Denver Fire Department

Body: Aerial, HD Ladder 107' ASL Tandem, No Pump, Alum Body



Parameters:

*Inside Cramp Angle:	45°
Axle Track:	82.92 in.
Wheel Offset:	4.68 in.
Tread Width:	16.3 in.
Chassis Overhang:	78 in.
Additional Bumper Depth:	16 in.
Front Overhang:	94 in.
Wheelbase:	246.5 in.

Calculated Turning Radii:

Inside Turn:	19 ft. 6 in.
Curb to curb:	35 ft. 4 in.
Wall to wall:	40 ft. 3 in.

Category	Option	Description
Aerial Devices	0755095	Aerial, 107' ASL Tandem, 750/500 Tip, 50 MPH
Bumpers	0123624	Bumper, 16" Extended, S/S, Polished, Imp/Vel
Wheels, Front	0019611	Wheels, Front, Alcoa, 22.50" x 12.25", Aluminum, Hub Pilot
Axle, Front, Custom	0508849	Axle, Front, Oshkosh TAK-4, Non Drive, 22,800 lb, Imp/Vel
Tires, Front	0899438	Tires, Front, Goodyear, Armor MAX MSA, 425/65R22.50, 20 ply

Notes:

*Actual Inside cramp angle may be less than shown.

Curb to Curb turning radius calculated for 9.00 inch curb.

Definitions:

Inside CrampAngle	Maximum turning angle of the front inside fire.
Axle Track	King-pin to King-pin distance of front axle.
Wheel Offset	Offset from the center line of the wheel to the King-pin.
Tread Width	Width of the tire tread.
Chassis Overhang	Distance of the center line of the front axle to the front edge of the cab. This does not include the bumper depth.
Additional Bumper Wheel	Depth that the bumper assembly adds to the front overhang.
Wheelbase	Distance between the center lines of the vehicles front and rear axles.
Inside Turning Radius	Radius of the smallest circle around which the vehicle can turn.
Curb to Curb Turning Radius	Radius of the smallest circle around which the vehicle's tires can turn. This measures assumes a curb height of 9 inches.
Wall to Wall Turning Radius	Radius of the smallest circle around which the vehicle's tires can turn. This measures takes into account any front overhang due to chassis , bumper extensions and or aerial devices.