



**County of Spotsylvania**  
**Procurement Division**  
8800 Courthouse Road (P.O. Box 215)  
Spotsylvania, VA 22553  
Ph. 540/507-7586 Fax 540/582-6304

# PURCHASE ORDER

PURSUANT TO  
VIRGINIA CODE §2.2-4343.1,  
SPOTSYLVANIA COUNTY DOES NOT  
DISCRIMINATE AGAINST FAITH-  
BASED ORGANIZATIONS

**P.O. NUMBER 19036**

P.O. number must appear on all related correspondence, shipping papers, and invoices:

**To: Matheny Fire & Emergency**  
**14716 Industry Court**  
**Woodbridge, VA 22191**

**Ship To: Spotsylvania County Joint Fleet**  
**6921 N. Roxbury Mill Road**  
**Spotsylvania, VA 22551**

Attn: Rod Frazier

Attn: Craig Greenlaw – (540-582-5125 ext. 1845)

		SHIP VIA	F.O.B. POINT	TERMS	
October 10, 2018			Destination	Net 30 Days	
QTY	UNIT	DESCRIPTION		UNIT PRICE	TOTAL PRICE
1	EA	2019 E-One Cyclone II Tanker – manufacutered per SCDFREM specification (Q 91901) unit to be compliant with the 2016 NFPA 1901 Edition  Contract documents consist of:  1. Spotsylvania County Purchase Order #19036 dated October 10, 2018 and Spotsylvania County Purchase Order General Terms and Conditions dated January 19, 2018; 2. Matheny Fire & Emergency/E-One, Inc. quote number 91901 REV: 39 dated July 19, 2018, 3. National Joint Powers Alliance (NJPA) Contract #022818-EOI Form E, Contract Acceptance and Award dated April 16, 2018; 4. National Joint Powers Alliance (NJPA) Request for Proposal (RFP #022818) for the Procurement of Firefighting Apparatus, with Related Equipment, Accessories, and Supplies published January 11, 2018			\$721,997.00
				TOTAL	\$721,997.00

If there are any questions concerning this purchase order, please contact Elaine Guinn – Spotsylvania County Procurement Division. Ph. 540-507-7599;

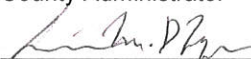
1. Please send one copy of your invoice.
2. In accordance with the prices, terms, delivery method, and specifications, including warranties, pursuant to any IFB and bid documents, or referenced Terms & Conditions delineated above.
3. Delivery constitutes acceptance of all terms and conditions.
4. Please notify us immediately if you are unable to ship as specified.
5. Send all invoices to:  
Spotsylvania County FREM  
9119 Dean Ridings Lane  
Spotsylvania, VA 22553
6. Pursuant to Virginia Code §2.2-4311.1, seller warrants that during the performance of this contract, it will not employ unauthorized alien workers, as defined by the Immigration Reform and Control Act of 1986.

**FOR OFFICIAL USE ONLY**

**Requisitioning Department: FREM**

Requisitioner: Steven Cooper, Deputy Chief

Mark B. Taylor  
County Administrator

  
County Attorney

This standard Purchase Order form has been previously APPROVED AS TO FORM by the Office of the Spotsylvania County Attorney for small purchases. Any deviations from the County's customary form must be reviewed and approved by the County Attorney.



## SPOTSYLVANIA COUNTY PURCHASE ORDER GENERAL TERMS AND CONDITIONS

1. All prices unless otherwise specified are F.O.B. Destination with transportation charges prepaid.
2. If shipment is made by freight or express and charges added to invoice, the original bill of lading properly received shall accompany invoice. All charges must be prepaid.
3. Deliveries against this order must be free of excise, transportation, or state sales taxes. State sales and use tax certificate of exemption form will be issued upon request.
4. Purchase Order number shall be shown by Contractor on all related invoices, delivery memoranda, bills of lading, packages and/or correspondence.
5. Invoice terms are Net 30 days.
6. The CONTRACTOR providing services to the County under this Purchase Order Agreement represents and warrants to the County that it is:
  - A. Conforming to the provisions of the Civil Rights Act of 1964, as amended, as well as the Virginians With Disabilities Act, the Americans With Disabilities Act and Section 2.2-4311 of the Virginia Public Procurement Act, and where applicable, to the Virginia Fair Employment Contracting Act of 1975, as amended, and the Virginia Human Rights Act, as amended.
  - B. Not employing illegal alien workers or otherwise violating the provisions of the Immigration Reform and Control Act of 1986 and Virginia Code § 2.2-4311.1;
  - C. Complying with federal, state and local laws and regulations applicable to the performance of the goods and services procured, the work performed pursuant to the Agreement shall conform to all professional principles generally accepted as standards of the industry in the Commonwealth, the CONTRACTOR'S work performed shall be free of defects, and any new materials and equipment furnished under this Agreement shall be of good quality and in working condition; and
  - D. In full compliance with the Virginia Conflict of Interest Act.
7. CONTRACTOR'S performing work for the County shall maintain at a minimum, the following insurance coverage, if the work is performed by any type of corporation, partnership, or licensed business. An Automobile liability policy may be under a personal policy for a sole proprietor.

MINIMUM INSURANCE COVERAGES AND LIMITS REQUIRED:

  - A. Worker's Compensation – Statutory requirements and benefits
  - B. Employers Liability - \$100,000
  - C. Commercial General Liability - \$1,000,000 Combined Single Limit Bodily Injury and Property Damage Each Occurrence. These coverages are to include Products/Completed Operations, Personal & Advertising Injury, and Independent Contractor's Liability
  - D. Automobile Liability \$1,000,000.
  - E. Professional Liability, if required, under Professional Services.

The County, Board of Supervisors and employees, shall be named as additional insured on Auto and General liability Policies. The County reserves the right to require the Contractor to provide evidence of required insurance coverage.
8. During the performance of this Agreement, CONTRACTOR agrees that:
  - A. It will not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment, except where there is a bona fide occupational qualification reasonably necessary to the normal operation of the Contractor; that it will post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause; and that it will state, in all solicitations or advertisements for employees placed by or on behalf of the Contractor that such Contractor is an equal opportunity employer. Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient to meet this requirement; and
  - B. It will include the provisions of the foregoing paragraph in every subcontract or purchase order of over \$10,000.00, so that the provisions will be binding upon each sub-CONTRACTOR or CONTRACTOR.



9. During the performance of this Agreement, the CONTRACTOR agrees to:
  - A. Provide a drug-free workplace for the CONTRACTOR'S employees; and comply with the Federal Drug Free Workplace Act.
  - B. Post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the CONTRACTOR'S workplace and specifying the actions that will be taken against employees for violations of such prohibition;
  - C. State in all solicitations or advertisements for employees placed by or on behalf of the CONTRACTOR that the CONTRACTOR maintains a drug-free workplace; and
  - D. Include the provisions of the foregoing clauses in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each SUBCONTRACTOR or CONTRACTOR.
  - E. For the purposes of this section, "drug-free workplace" means any site at which the performance of work is done in connection with this contract awarded to the CONTRACTOR, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the contract.
10. The parties agree that this Agreement is governed by and shall be interpreted in accordance with the laws of the Commonwealth of Virginia, and that proper venue, in the event of litigation concerning this matter, shall be in the Circuit Court of Spotsylvania County, Virginia. The parties agree that any litigation involving this Agreement shall be brought only in such court. In the event of any action brought by either party against the other to enforce any of the obligations hereunder or arising out of any dispute concerning the terms and conditions hereby created, each party shall pay their own attorney's fees, costs and expenses.
11. Pursuant to Section 2.2-4354 of the Code of Virginia, (1950, as amended), the CONTRACTOR covenants and agrees to:
  - A. Within seven (7) days after receipt of any amounts paid to the CONTRACTOR under the Agreement, (i) pay any subcontractor for its proportionate share of the total payment received from the COUNTY attributable to the work under the Contract performed by such subcontractor, or (ii) notify the COUNTY and the subcontractor, in writing, of its intention to withheld all or part of the subcontractor's payment and the reason therefore;
  - B. Provide its federal employer identification number or social security number, as applicable, before any payment is made to the CONTRACTOR under the Agreement;
  - C. Pay interest at the legal rate or such other rate as may be agreed to in writing by the subcontractor and the CONTRACTOR on all amounts owed by the CONTRACTOR that remain unpaid after seven (7) days following receipt by the CONTRACTOR of payment from the COUNTY for work performed by the subcontractor under the Agreement; and
  - D. Include in its contracts with any and all subcontractors the requirements of 1, 2, and 3 above.
12. CONTRACTOR shall indemnify, defend and hold harmless the COUNTY and its representatives from any and all claims, suits and actions for injury or damage sustained by any person or property from any act or omission by CONTRACTOR and/or its CONTRACTORS or employees, or anyone else for whom CONTRACTOR is or may be responsible. This section shall survive the termination of this Agreement.
13. Spotsylvania County reserves its rights of ownership to all material given to the Contractor by Spotsylvania County and to all background information, documents, and computer software and documentation developed by the Contractor in performing any Contract resulting from this procurement.
14. Spotsylvania County shall have the right to terminate at Spotsylvania County's convenience, with or without cause, any contract resulting from this Purchase Order by specifying the date of termination in a written notice. In this event, the Contractor shall be entitled to just and equitable compensation for any authorized satisfactory work done or any items/materials accepted by Spotsylvania County.
15. CONTRACTOR acknowledges that the Spotsylvania County Procurement Policy is applicable to this Agreement. The Spotsylvania County Procurement Policy governing this Agreement may be accessed at:  
<http://www.spotsylvania.va.us/content/20925/20963/21966/20995/23291/default.aspx>



## MATHENY MOTOR TRUCK CO.

Established 1922

14716 Industry Court  
Woodbridge, VA 22191

(P) 877-378-2781

www.mathenyfire.com

July 19, 2018

Spotsylvania County Department of Fire Rescue and Emergency Management  
Attn: Steven Cooper, Deputy Chief  
9119 Dean Ridings Lane  
PO Box 818  
Spotsylvania VA 22553

RE: **PROPOSAL** - E-ONE Cyclone II Tanker

Chief Cooper -

Thank you for the opportunity to provide Spotsylvania County Department of Fire Rescue and Emergency with a proposal for an E-ONE Cyclone II Tanker. E-ONE appreciates your faith in and support of the E-ONE product line and we look forward to providing you with the finest emergency response vehicles as you protect and serve the citizens of Spotsylvania County.

Matheny Fire & Emergency and E-ONE are pleased to offer the following proposal for your consideration:

**E-ONE Cyclone II Tanker**

**\$721,997 each**

- Unit to be manufactured per SCDFREM specification (Q 91901)
- Terms and conditions per National Joint Powers Association (NJPA) contract – fee included
  - Spotsylvania County – NJPA member # 7455
- Unit will be compliant with the 2016 NFPA 1901 Edition
- Delivery will be 300-330 days

**E-ONE CII Tanker - Proposal:**

**\$721,997 each**

Thank you in advance for your review and consideration of this proposal. As always, should you have any additional questions or needs, please contact me at your convenience.

Best regards,

Rod Frazier (via email)

Rod Frazier  
Regional Sales Manager  
Matheny Fire & Emergency

Cc/ L Daniels – E-ONE Inc  
T Allaband – MFE VP







Fire Apparatus Quotation for:  
SPOTSYLVANIA COUNTY DEPT OF FIRE



Quotation Number: 91901 Rev: 39

Unit Description: TTSA-CYC2

Quote Description: Tanker, Tandem Axle, Side Mount, Cyclone II

Salesperson: LDANIELS

Salescode	Extended Description	Qty	
TESTING COMPLIANCE STANDARD			
1001-0065	The E-ONE supplied components of the vehicle shall meet the requirements of NFPA 1901, 2016 edition.	1	
3090-0002	OAH. Unit has no overall height restrictions.	1	
3090-0004	OAL. Unit has no overall length restrictions.	1	
3090-0006	The hose bed is to have the capacity for the following hose. Hose load shall be listed from driver to officer.	1	Lay 1 - 300 ft. of 1.75 DJ Lay 2 - 400 ft. of 1.75 DJ Lay 3 - 1200 ft. of 4.00 DJ Lay 4 - 400 ft. of 3.00 DJ Lay 5 - 200 ft. of 1.75 DJ Estimated Weight - 1812 lbs.
3340-1137-11Z	Equipment allowance on the apparatus shall be 1000 lbs. This allowance is in addition to the weight of the hoses and ground ladders listed in the shop order as applicable.	1	
BUMPER			
1160-0014	20" Front Bumper Gravel Shield Extension.	1	
1160-0065	Heavy duty front bumper 10" high with full wrap around. Center of bumper to have a 5" deep notch for recessed Q2B. Bumper to be painted job color.	1	
1160-0138	3/16" Front Bumper Gravel Shield. Extend shield to flush with heavy duty bumper edge.	1	
1160-0149	LINE-X bumper package: Includes all visible diamond plate/smooth aluminum surfaces including gravel shield, exterior surface of trays and lids(flat or raised). If equipped, exterior of the fabricated booster reel housing, fabricated box for booster reel rollers and winch access door shall be included in this package.	1	
BUMPER TRAYS			
1150-0118	Bumper tray driver's side with slats 14 inches deep (approx 13 inches to slats).	1	
1150-0139-198	Nylon black strap with aluminum quick release buckle for front bumper hose tray. Strap to attach to front and rear walls of tray down low as applicable. Location:	1	

Salescode	Extended Description		Qty	
BUMPER TRAYS				
1150-0163	driver's side. Tray officer side bumper next to front intake/discharge. Half moon style for 25' of 5" rolled hose.	1		
1150-0181-199	Nylon black strap with aluminum quick release buckle for front bumper hose tray. Strap to attach to side walls of tray down low as applicable. Location: officer's side.	1		
FRAME ASSEMBLY				
1250-0080	Frame assembly with 10.25 x 3.5 x .375 powder coated galvanized rails.	1		
1250-0083	Frame liner 9.375 x 3.125 x .375, galvanized and powder coated.	1		
1250-0092	GEOMET coated frame assembly fasteners.	1		
AXLE OPTIONS				
1025-0020	Mentor RT-46-160 rear tandem axle 46,000 lb. capacity.	1		
1025-0149	Reyco Granning independent front suspension - 20,000 lb. Includes shocks and sight glass on hubs.	1		
SUSPENSIONS				
1070-0015	Ridewell Dynalastic rear suspension (40-54K) rated equal to the capacity of the axles.	1		
WHEEL OPTIONS				
1050-0001	Alcoa aluminum wheels for front axle (2).	1		
1050-0005	Alcoa aluminum wheels for rear axles (8).	1		
1050-0007	Front axle wheel trim kit. Includes stainless steel lug nut covers (chrome plated plastic if applicable) and center cap with E-ONE logo. Note: Center cap will have an inspection port IPO a logo if equipped with Stemco oil seals.	1		
1050-0009	Rear axle (tandem) wheel trim kit. Includes stainless steel lug nut covers (chrome plated plastic if applicable) and center caps with E-ONE logo. E-ONE custom chassis w/steel wheels will have chrome plated plastic lug covers.	1		
1050-0018	Each inside wheel of the tandem rear axles shall have valve stem extensions.	1		
TIRE OPTIONS				
1060-0073	Two Goodyear 425 tires model G296 MSA for front axle.	1		
1060-0077	Eight Goodyear 11R rear tires with G622 RSD mud and snow tread.	1		
1060-0119	RWC AirGuard LED tire pressure monitoring valve stem caps (10) for tandem rear axle applications.	1		



Salescode	Extended Description	Qty
<b>BRAKE SYSTEMS</b>		
1100-0004	Mentor EX225H 17" disc brakes for rear axles, maximum capacity 54,000 lbs.	1
1100-0006	Parking brake release mounted on the driver's side lower dash.	1
1100-0008	Brake system air 6X4/6X6.	1
1100-0026	G4 Electronic Stability Control (6x4), Includes RSC and ATC. Not available on 6x6 or commercial chassis.	1
1100-0054	Bendix SN7 17" disc brakes for front axle. Reyco Granning IFS only.	1
<b>AIR SYSTEM OPTIONS</b>		
1110-0000-001	Inlet for air system. Location: driver door jamb.	1
1110-0003	Air dryer System Saver 1200.	1
1110-0005	Automatic moisture ejectors, heated.	1
1110-0007	Air lines braided.	1
1110-0011	Air intake restriction gauge.	1
1110-0027	Isolated air tank. Includes pressure protection valve.	1
1110-0034	Auxiliary air tank to be plumbed to the chassis air horns only.	1
1110-0041	Air horns Grover recessed in bumper (PR).	1
1110-0180-202	Inlet and outlet combined for air system using a female fitting as the connection. Location: driver side pump panel.	1
<b>ENGINES &amp; TRANSMISSIONS</b>		
1200-0017	Push-button transmission shift selector.	1
1200-0021	TransSynd synthetic transmission fluid for EVS 4000.	1
1200-0096	Electronic speed limiting set at 60 MPH.	1
1200-0388	Eng/Trans Cummins X12 500HP with EVS4000 transmission. 2018 EPA Compliant.	1
<b>SECONDARY BRAKING</b>		
1125-0002	Jacobs engine compression brake.	1
1125-0023	Transmission to seek second gear when Jacobs engine brake or Telma retarder is engaged. N/A with Trans retarder.	1
<b>EXHAUST OPTIONS</b>		
1225-0060	Exhaust end with fresh air vent for Plymovent exhaust extraction system.	1
1225-0063	Wrap exhaust with thermal insulation tape from the turbo down to the DPF (not including flex pipe if equipped). Includes S/S tie wraps.	1
<b>COOLING PACKAGE</b>		

Salescode	Extended Description	Qty	
<b>COOLING PACKAGE</b>			
1800-0013	Cooling system for use with Cyclone II X, Typhoon X, and Quest chassis. For use with 2010 - 2018 EPA engines. Includes coolant recovery system.	1	
<b>FUEL SYSTEMS</b>			
1350-0005	Fuel system 65 gallons.	1	
1350-0022	Fuel line hose rubber.	1	
<b>ALTERNATOR</b>			
1700-0027	Alternator Leece Neville 420 amp. 420 amp SAE/369 amp NFPA.	1	
<b>BATTERIES</b>			
1400-0032	Battery five group 31 1000 CCA (two left / three right). For use with below cab DEF tank only.	1	
<b>CHASSIS OPTIONS</b>			
1680-0005	Thermatic fan clutch.	1	
1680-0007	Drivelines 1810. Required on 1550 lb/ft torque or greater engines.	1	
1680-0008	Tow eyes front painted below bumper/cab (PR).	1	
1680-0011	Tow eyes rear below body, painted.	1	
1680-0250-M58	Diesel Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab.	1	
1680-0284	Radiator mounted power steering cooler.	1	
<b>CAB MODEL</b>			
1520-0010	Cyclone II X long cab with 67.5" CA	1	
<b>CAB ROOF TYPE</b>			
1615-0001	Vista full height rear doors, 12".	1	
<b>CAB BADGE PACKAGE</b>			
1610-0000	Cab and body to have applicable E-ONE logos.	1	
<b>CAB DOOR OPTIONS</b>			
1550-0003	Rear crew cab doors in the medium position.	1	
1550-0013	Driver and Officer door windows. Includes electric roll-down actuation. Each door to have individual control at door position and the driver door is to have master control for all power window locations.	1	
1550-0014	Rear crew cab door windows. Includes electric roll-down actuation. Each door to have individual control. Not available with paddle style door latching.	1	



Salescode	Extended Description	Qty
<b>CAB DOOR OPTIONS</b>		
1550-0017	Cab door panels stainless steel.	1
1550-0025	All cab doors shall have "L" style exterior latches.	1
1550-0038-659	(4) LED cab step area lighting. Locate each light on each cab door in the inboard position. Lights to be switched with door ajar.	1
1550-0042-657	Door mounted amber LED flashing lights. Locate lights on each cab door in the outboard position. Lights to be switched with door ajar.	1
1550-0069-000-J7	Reflective Red/Fluorescent Yellow Green 3M Diamond Grade striping positioned in the "A" formation located on the cab door panels.	1
1550-0077	Interior cab door locks - manual. Will have manual actuation from each respective door. Includes barrel style key lock on each exterior cab door.	1
1550-0084	All cab exterior access doors to have 1250 keyed locks.	1
1550-0100	Polished stainless steel protective trim on rear edge of cab door openings. E-ONE custom chassis only.	1
1550-0101	Polished stainless steel scuff plates for exterior cab door handles (set). Not available with paddle latches.	1
1550-0251	Driver and officer cab door windows - full glass style. For use with Typhoon and Cyclone cabs. Requires "L" handles and aluminum or S/S door panels.	1
<b>CAB STEP OPTIONS</b>		
1640-0045-158	Step below cab door. Open back style with angled corners. Located driver's front door. Steps under front cab doors shall not interfere with approach angle.	1
1640-0045-159	Step below cab door. Open back style with angled corners. Located officer's front door. Steps under front cab doors shall not interfere with approach angle.	1
1640-0045-160	Step below cab door. Open back style with angled corners. Located driver side rear door. Steps under front cab doors shall not interfere with approach angle.	1
1640-0045-161	Step below cab door. Open back style with angled corners. Located officer side rear door. Steps under front cab doors shall not interfere with approach angle.	1
<b>MIRRORS</b>		
1670-0059	Retrac Mirror stainless steel 10" 3-arm convex above officer side cab brow, 3 piece adjustable telescoping arm. Head #604953, Arm assy#604671	1
1670-0062	Retrac Aerodynamic dual vision chrome west coast style mirrors (PR) mounted on cab doors. Includes remote control and heat for std and convex mirrors and LED marker light. If equipped with front vent windows, the officer side mirror shall be located approx. 7 in rearward compared to driver side.	1
<b>MISC EXTERIOR CAB OPTIONS</b>		
1550-0020	Windows cab side fixed driver's side.	1

Salescode	Extended Description	Qty
<b>MISC EXTERIOR CAB OPTIONS</b>		
1550-0033	Windows cab side fixed officer's side.	1
1675-0022	Pair of 18" handrails located just behind driver and officer front door one each side.	1
1675-0024	Pair of 36" handrails located just behind driver and officer rear door (ALS doors if equipped) one each side.	1
1675-0030	Mud flaps, front, black with E-ONE logo.	1
1675-0048	Rear cab wall to be smooth 3/16" aluminum plate with a diamond plate overlay.	1
1675-0201	Large radius cab wheel well. Includes bolt-on adjustable wheel well trim.	1
1675-0202	Mounting plate for battery charger receptacle, indicator, air inlet, etc (if applicable). Plate to be removable brushed stainless steel.	1
1675-0254	Rear cab and vista glass (if so equipped) to have dark tint IPOS. Glass to be smoked glass with 20% light transmittance (+/- 10%). Includes all glass rearward of front cab doors.	1
<b>HVAC</b>		
1515-0018	Air conditioning for the Typhoon X, CII X and Quest with roof top mounted condenser.	1
1685-0057	Heaters cab rear with covers (PR), and front heater with heat to the feet for the driver and officer.	1
<b>SEATS</b>		
1510-0004	Seats, Bostrom brand.	1
1510-0009	Seat color black.	1
1510-0037	Seat cover material Durawear.	1
1510-0097	Rear facing seat driver side Bostrom with SCBA back and integral seat belt.	1
1510-0098	Rear facing seat officer side Bostrom with SCBA back and integral seat belt.	1
1510-0117-147	Bostrom Secureall mechanical air pack bottle bracket (EA). Location: officer's seat.	1
1510-0117-148	Bostrom Secureall mechanical air pack bottle bracket (EA). Location: rear facing driver's side.	1
1510-0117-215	Bostrom Secureall mechanical air pack bottle bracket (EA). Location: rear facing officer's side.	1
1510-0123-132	Fold down seat with Bostrom SCBA back located officer's side outboard.	1
1510-0124	Officer seat fixed Bostrom with SCBA back and integral seat belt.	1
1510-0131-153	Bostrom Secureall mechanical air pack bottle bracket (EA) for bench / fold-down seat. Location: outboard officer's side rear wall.	1



Salescode	Extended Description	Qty	
<b>SEATS</b>			
1510-0211	Driver seat to be Bostrom air ride with integral seat belt.	1	
1685-0032	Seating capacity tag of five occupants.	1	
<b>MEDICAL CABINETS</b>			
279222	Cabinet medical on rear wall of cab approx. 54Hx38Wx28D. Lower section to include 2 adjustable shelves and a cargo net cover. Upper section to be approx. 12" high and include a drop down door with push button latches.	1	
<b>MAP BOXES</b>			
1535-0056	All map boxes in the cab to be painted Zolatone black.	1	
1540-0037	Map box suspended with drop-down doors, 15" H x 37.5" W x 14" D with (4) slots each side.	1	
<b>MISC INTERIOR CAB OPTIONS</b>			
1685-0001	Cab interior black. Does not include seat color.	1	
1685-0005	Lexan sun visors, driver and officer's side overhead.	1	
1685-0084	3/16" Aluminum plate on top engine access door. To have swirl finish and be spaced up approx 1/2".	1	
1685-0112	Integrated Roll Sensor (IRS) for RollTek air bag system.	1	
1685-0113	Integrated roll sensor slave module for RollTek air bag system.	1	
1685-0114	Integrated Head Curtain (IHC) for RollTek air bag system.	5	
1685-0115	Integrated Belt Pretensioner (IBP) for RollTek air bag system.	5	
1685-0187	Severe duty engine cover, molded polyurethane.	1	
1685-0285	Cup holder / tray for engine cover painted to match cab interior. Approx 14" wide x 10" long with tapered front corners and cup holders at each rear corner. For use in Typhoon and CII with severe duty engine cover.	1	
1685-0291	4Front air bag system with steering wheel bag, driver knee bag and officer knee bag. Requires RollTek option.	1	
1685-0369	Severe duty dash package with low profile officer side dash. Includes smooth plate alum center and officer side dash and lower kick panels; all painted to match cab interior.	1	
1685-0422	Severe duty overhead console. Includes front full width overhead, air conditioning plenum and rear facing blower. Overhead to match cab interior.	1	
1685-0532	Stepped profile rear engine cover.	1	
1685-0604-06D	Medical glove box. Includes slotted top for dispensing gloves without opening hinged lid. Box to be same color as interior of cab. Secure lid in closed position with small butterfly latch. Location: TBD	1	

Salescode	Extended Description	Qty
<b>MISC INTERIOR CAB OPTIONS</b>		
279224	Storage at lower rear engine cover w/ cargo net top. Approx. 34"W x 7.5"H from bottom of floor x 18"D.	1
<b>CAB ELECTRICAL OPTIONS</b>		
1750-0012	Swivel reading lamps (PR) overhead between driver and officer. Lights to be individually switched.	1
1750-0022	Battery charger Kussmaul 40 amp model 1200 with air compressor.	1
1750-0024-179-04	Auto-Eject receptacle inlet 20 amp located outside driver's door next to handrail with a Yellow cover.	1
1750-0046-195	Cab Headlights. Position: lower.	1
1750-0071-585	Mount customer supplied antenna on cab roof. Location: driver side forward with coaxial cable terminating at the center of the dash board.	1
1750-0071-586	Mount customer supplied antenna on cab roof. Location: driver side rearward with coaxial cable terminating at the center of the dash board.	1
1750-0071-587	Mount customer supplied antenna on cab roof. Location: officer side forward with coaxial cable terminating at the center of the dash board.	1
1750-0071-588	Mount customer supplied antenna on cab roof. Location: officer side rearward with coaxial cable terminating at the center of the dash board.	1
1750-0072-545	12 VDC (or 24VDC) electrical outlet wired battery hot. Location: In cab driver side on 3 x 3 post rear facing just above engine cover (or seat riser if in a Hush).	1
1750-0072-546	12 VDC (or 24VDC) electrical outlet wired battery hot. Location: In cab officer side on 3 x 3 post rear facing just above engine cover (or seat riser if in a Hush).	1
1750-0072-592	12 VDC (or 24VDC) electrical outlet wired battery hot. Location: driver side dash.	1
1750-0072-593	12 VDC (or 24VDC) electrical outlet wired battery hot. Location: officer side dash.	1
1750-0075	English dominant main cab gauge cluster.	1
1750-0149	Control push-button switch on officer's dash for Q2B siren brake.	1
1750-0198-A31	Battery charger to be located behind driver's seat.	1
1750-0199-A31	Air compressor to be located behind driver's seat.	1
1750-0215-174	Turn signal Whelen M6 LED arrow amber pair located above headlight bezel.	1
1750-0283	1W Speaker LED cab headlights.	1
1750-0368	Dome Lts Red/White 4" LED (6). Lights to be located two front and four rear. White light wired through door and light assembly mounted rocker switch. Red light through light assembly mounted rocker switch.	1
1750-0429-545	Dual USB charging ports in the cab wired battery hot. Location: In cab driver side on 3 x 3 post rear facing just above engine cover (or seat riser if in a Hush).	1
1750-0429-546	Dual USB charging ports in the cab wired battery hot. Location: In cab officer	1



Salescode	Extended Description	Qty	
<b>CAB ELECTRICAL OPTIONS</b>			
1750-0429-592	side on 3 x 3 post rear facing just above engine cover (or seat riser if in a Hush).	1	
1750-0429-593	Dual USB charging ports in the cab wired battery hot. Location: driver side dash.	1	
1750-0449	Dual USB charging ports in the cab wired battery hot. Location: officer side dash.	1	
1750-0461	Momentary DPF regeneration override switch.	1	
1750-0516	4Front steering wheel shall not have switch pods.	1	
1750-0730-179-04	Auto drain, Kussmaul model 091-9-086 12V. For use with air compressor 091-9-12V only.	1	
	A Yellow Super Auto Eject Deluxe Cover with digital display, for the auto eject located outside driver's door next to handrail.	1	
<b>BODY COMPT LEFT SIDE</b>			
3100-0225	Driver 3/4 side tandem body with full height 42" wide forward and 42" wide rearward compartmentation. Includes (2) 51.5" wide compartments over the wheel well.	1	
<b>BODY COMPT RIGHT SIDE</b>			
3120-0381	Officer 3/4 side tandem body with full height 42" wide forward and 42" wide rearward compartmentation. Includes (2) 51.5" wide compartments over the wheel well.	1	
<b>BODY COMPT REAR</b>			
3110-0130	Rear end tanker. Includes smooth plate upper and lower panels and a smooth plate center strip for a Jet or Newton Dump application.	1	
3340-0080	Bolt-on diamond plate 18" tailboard (full width of body). Includes (2) squared off beaverails (no stanchions) with removable outer panels and handrails- (2) vertical on trailing edge of body and horizontal mounted handrail(s) below hosebed.	1	
<b>DOORS</b>			
3300-0011-004	Door single horizontal hinged lift-up box pan configuration painted. Location(s): L2	1	
3300-0011-005	Door single horizontal hinged lift-up box pan configuration painted. Location(s): L3	1	
3300-0011-016	Door single horizontal hinged lift-up box pan configuration painted. Location(s): R2	1	
3300-0011-017	Door single horizontal hinged lift-up box pan configuration painted. Location(s): R3	1	
3300-0293-003	Door double 3-point vertical hinged w/rotary latches - painted. For use with	1	

Salescode	Extended Description	Qty	
<b>DOORS</b>			
	compartments up to 50" high. Location(s): L1. Includes latch handle extension installed on secondary door's interior latch with "PULL" tags using .125 plate.		
3300-0293-006	Door double 3-point vertical hinged w/rotary latches - painted. For use with compartments up to 50" high. Location(s): L4. Includes latch handle extension installed on secondary door's interior latch with "PULL" tags using .125 plate.	1	
3300-0293-015	Door double 3-point vertical hinged w/rotary latches - painted. For use with compartments up to 50" high. Location(s): R1. Includes latch handle extension installed on secondary door's interior latch with "PULL" tags using .125 plate.	1	
3300-0293-018	Door double 3-point vertical hinged w/rotary latches - painted. For use with compartments up to 50" high. Location(s): R4. Includes latch handle extension installed on secondary door's interior latch with "PULL" tags using .125 plate.	1	
<b>SHELVES</b>			
3370-0246	Adjustable shelf for non-transverse compartments. Location:	4	Locate lower L1 L3 R1 R3
3370-0247	Tracks for adjustable shelf and/or adjustable tray in a compartment. Location:	4	Locate lower L1 L3 R1 R3
<b>TRAYS / TOOLBOARDS</b>			
3380-0049-135	Running board suction tray (floating style). Includes tapered 3" front corner and removable slats in bottom of tray. Location(s): driver side running board.	1	
3380-0049-136	Running board suction tray (floating style). Includes tapered 3" front corner and removable slats in bottom of tray. Location(s): officer side running board.	1	
3380-0498	Tray, floor mounted roll-out with gas spring. 500 lbs. capacity. Location:	4	Locate L1 L3 R1 R3
<b>COVERS</b>			
3305-0008-000-13	Vinyl Black crosslay cover with attached side flaps.	1	
3305-0028-135-13	Vinyl Black cover for running board suction tray. Location: driver side running board.	1	
3305-0028-136-13	Vinyl Black cover for running board suction tray. Location: officer side running board.	1	
3305-0141	Diamond plate hosebed deflector located at front of hosebed area with angled front edge. To be hinged along forward edge with "T" style hold-downs.	1	
3305-0442	Nylon black cargo net at rear of diamond plate or vinyl hose bed cover. Attached with aluminum quick release buckles, top and bottom on both sides to allow complete removal of the cargo net cover.	1	
<b>PUMP MODULE</b>			
3130-0167	Pump module to be 76" wide (side to side). Includes upper, lower, crosswalk, speedlay and transverse module(s) if applicable.	1	

Salescode	Extended Description	Qty	
<b>PUMP MODULE</b>			
3130-0523	Side mount pump module. Extruded aluminum with runningboards.	1	
3130-0533	Pump panel opening is 45" wide. Pumper / tanker only.	1	
3130-0540	Pump module height is 80". Pumper / tanker only.	1	
<b>PUMP PANELS</b>			
3134-0019	The driver and officer side pump panels are to be painted Zolatone black.	1	
3134-0134	Officer side upper pump access panel to be horizontally hinged door painted Zolatone to match lower panels. Includes (2) push button latches and (2) hold open devices.	1	
<b>MISC PUMP PANEL OPTIONS</b>			
4460-0003	Pump panel tags color coded per NFPA compliance.	1	
4460-0009	Pump panel tags, special color. (Must specify.)	1	To be determined at pre-construction conference
4460-0010	Pump panel tags - Special label. (Must specify.)	1	To be determined at pre-construction conference
<b>PUMP MODULE OPTIONS</b>			
3136-0000-202	Air horn switch at pump panel. Switch to be labeled "Evacuation Alert". Location: driver side pump panel.	1	
3136-0011	P-Rubber in flex joint(s) between pump module and/or body modules.	1	
3136-0058	E-ONE logo mounted one each side on pump module/preconnect panels. Logos to be sized as applicable to available space on panels.	1	
3136-0138	Pump module storage pan.	1	
3136-0142	Crosslay triple 4.25/4.25/5" wide single stack to hold up to 200' of 2.0" DJ (each) in front lays and 150' to 200' of 2.5" DJ hose in rear lay.	1	
<b>WATER TANK</b>			
4010-0099	Fill tower(s) to be located offset to officer side of water tank.	1	
4010-0193	2530 Gallon Tandem "T" Water Tank. UPF Poly III color fill towers. Note: Any foam cell(s) and/or storage options thru the tank will reduce the overall water capacity.	1	
<b>WATER TANK OPTIONS</b>			
4020-0001	Additional tank sump.	2	
4020-0004	Newton dump mounting plate.	3	
4020-0026-M09	Dump valve/extension switching location. For use with electric single or triple dump and/or electric extension applications. Switch(s) location: (2) driver (driver side and rear) and (1) officer side outboard side of beaver tails/body.	1	



Salescode	Extended Description	Qty	
<b>TANK PLUMBING</b>			
288706	4" Direct Tank Fill with 3" valve "Elkhart Autofill" UBEC1AT Automatic Tank Fill Valve with controller at operator panel. Location: Officer side rear intake.	1	
4020-0025	Rear tank dump. Includes stainless steel assembly with electric actuated valve and integral electrical extension chute.	1	
4020-0029	Driver and officer side tank dumps. Includes stainless steel assembly with electrically actuated valve and integral electrical extension chute.	1	
4450-0010	2" tank fill Akron manual valve.	1	
4450-0119	3" tank to pump Akron manual valve w/4" tank connection.	1	
4450-0149-198	2.5" rear direct tank fill. Includes swing handle control, swivel with droop and plug with retainer. Located to driver's side of the rear body.	1	
<b>FOAM TANK</b>			
4100-0033-590-16	30 gallon integral foam tank for Class A foam. UPF Poly III Green fill tower. Foam tank capacity will reduce the water tank capacity.	1	
<b>LADDER STORAGE / RACKS</b>			
3365-0002-052	Recessed folding ladder storage compartment located below officer side compartment top. Compartment sized to store a 10' ladder with feet.	1	
3365-0018	Hold down brackets to secure a 2-section extension and roof ladder.	1	
3365-0033-054	Recessed pike pole storage compartment located below driver side compartment top. Compartment sized to store (2) pike poles.	1	
3365-0049	Brand of ladders capable of being carried on unit to be Alco-Lite.	1	
3365-0087-C57	The length of ladders capable of being stored shall be the following: 24' 2-section and 14' roof ladder.	1	
3365-0183-U79	Hard suction storage rack. Locate top of portable tank rack mounted to cover. Includes NFPA retaining strap(s).	1	
3365-0184-M11-L5	Zico hydraulic drop down portable tank rack. Rack located to driver side on compartment top of body. Rack sized for 2500 gallon aluminum frame portable tank. The control switching to be located on the side pump panel with the rack being in full view of the operator during operations.	1	
3365-0188	Zico drop down rack to have smooth plate cover between outboard rack assemblies. Cover to be painted job color.	1	
3365-0198-198	Storage box for (1) 10' length of hard suction hose. Includes vertically hinged door with latch (wired to door ajar indicator). Reduces selected water tank capacity by approximately 100 gallons on Tankers. Locate to driver's side below "T" of water tank.	1	
3365-0198-199	Storage box for (1) 10' length of hard suction hose. Includes vertically hinged door with latch (wired to door ajar indicator). Reduces selected water tank	1	

Salescode	Extended Description	Qty	
<b>LADDER STORAGE / RACKS</b>			
	capacity by approximately 100 gallons on Tankers. Locate to officer's side below "T" of water tank.		
3365-0199-199	Zico electric drop-down ladder rack. Rack located to officer's side of body. The control switching to be located on the side pump panel with the rack being in full view of the operator during operations.	1	
3380-0033	Hard suction hose storage tray. Locate on top of Zico drop-down ladder rack.	1	
<b>HANDRAILS / STEPS</b>			
3330-0034	Recessed folding step box. Driver side rear. To accommodate all steps as applicable.	1	
3330-0035	Recessed folding step box. Officer side rear. To accommodate all steps as applicable.	1	
3330-0277	Innovative Controls dual lighted LED folding steps rear NFPA. Includes folding steps on driver side rear of the body. (staggered stepped as applicable with tailboard depth) for NFPA hosebed access and handrail mounted on driver side upper hosebed side (as applicable).	1	
3330-0278	Innovative Controls dual lighted LED folding steps rear NFPA. Includes folding steps on officer side (staggered stepped as applicable with tailboard depth) for additional hosebed access and handrail mounted on officer side upper hosebed side (as applicable).	1	
3330-0279-062	Innovative Controls dual lighted LED folding step. Location: driver side front compartment face. Each location requires a minimum of (1) handrail per NFPA.	2	
3330-0297	Intermediate pump panel step driver side above operator's panel. Includes step lighting (as applicable). Step light to be switched thru work light in cab.	1	
<b>MISC BODY OPTIONS</b>			
3340-0004	Hosebed above the booster tank. Includes forward hosebed and tower(s) cover plate work (as applicable). Hosebed adjustable divider extrusion in the forward area and rearward area of the hose bed to run full width of the hosebed (as is practical with other hosebed mounted equipment).	1	
3340-0035	Divider Long. To run full length of hose bed (front to rear).	4	
3340-0041-267	Removable number plate with mounting brackets. Locate rear of body. Plate to be painted job color. Lettering and/or graphics not included.	1	
3340-0058	Recessed fuel fill driver side wheel well.	1	
3340-0078	Body compartment Interiors and compartment mounted components (shelves, trays, toolboards,etc.) to have Zolatone gray finish. To include pan of hinged doors, and tool compartments (as applicable). Does not include floors if they are dia plt.	1	

Salescode	Extended Description	Qty
<b>MISC BODY OPTIONS</b>		
3340-0093	Mud flaps, rear, black with E-ONE logo.	1
3340-0110	The rear of each hose bed divider to have a hand hold cut-out(s).	1
3340-0145	Rub rail for the body and pump area module(s).	1
3340-0147	Louver Guards. All lower body compartment louvers to have protective guard provided on exterior of compartments. Guards to prevent road spray from entering compartments.	1
3340-0404	Smooth plate side dump panels. Includes lift-up smooth plate doors with spring loaded hinges. Smooth plate panels painted job color.	1
3340-0681	Body mainframe layout line to be 24". Includes body and all applicable modules.	1
3340-0891	Louvered vent filters. All body compartment louvered vents to have dust filters provided. Filters to prevent road debris from entering compartments.	1
3340-0975	Smooth plate painted tandem axle wheel well. Includes bolt-on composite wheel well liners and bolt-on polished alum fenderettes.	1
3340-0998	Body mainframe and hosebed side assemblies for a 101" high body.	1
3340-1626	Storage retaining box. Locate (1) lower officer side front compartment face. Includes upper PAC 1004 bracket at top. See detailed box dimensions.	1
3340-1648	Anodized aluminum trim on bottom edge of all body compartment openings with painted edge.	1
<b>SCBA BOTTLE STORAGE</b>		
3320-0100	Strap, loop style to retain SCBA bottle(s). Locate one per bottle in each exterior body storage compartment.	1
3320-0182-497	E-ONE designed (1) SCBA bottle storage driver side rear wheel well offset rearward with hinged door and push button latch. Door material to match wheel well material. Holds standard size SCBA bottle, 20lbs ABC Extinguisher (10.25"x7"x24") or 2.5 gal Water Extinguisher (9"x7"x24.5"). Door shall cover the recessed fuel fill if located in the wheel well adjacent to the SCBA storage.	1
3320-0184-500	E-ONE designed (3) SCBA bottle storage officer side rear wheel well offset rearward with hinged door and push button latch. Door material to match wheel well material. Holds standard size SCBA bottles. Upper storage troughs hold standard size 20lbs ABC Extinguisher (10.25"x7"x24") or 2.5 gal Water Extinguisher (9"x7"x24.5") in each trough.	1
3320-0188-495	E-ONE designed Wheel Chock storage compartment driver side rear wheel well offset forward with hinged door and push button latch and wired to "Door Open" indicator inside cab. Door material to match wheel well material. Storage area shall hold (2) Zico Model SAC-44-E or comparable Wheel Chocks (not included).	1
3320-0188-498	E-ONE designed Wheel Chock storage compartment officer side rear wheel well	1



Salescode	Extended Description	Qty
<b>SCBA BOTTLE STORAGE</b>		
	offset forward with hinged door and push button latch and wired to "Door Open" indicator inside cab. Door material to match wheel well material. Storage area shall hold (2) Zico Model SAC-44-E or comparable Wheel Chocks (not included).	
<b>PUMPS</b>		
4005-0031	Rating 1500 GPM.	1
4005-0201	Waterous CSU 1500-2250 GPM single stage pump. Requires primer option.	1
<b>PUMP CERTIFICATION</b>		
4475-0000	Pump certification 750-2250 GPM	1
<b>PUMP OPTIONS</b>		
4015-0039	Pump seal mechanical for Waterous pump.	1
4015-0042	Waterous Overheat Protection Manager.	1
4015-0044	Anodes for Waterous pump - (Pair) (1) discharge side and (1) intake side.	1
4015-0053-198	Steamers to be Flush + 1". Location: driver's side.	1
4015-0053-199	Steamers to be Flush + 1". Location: officer's side.	1
4015-0072-202	6" Intake Valve Elkhart Electric UBEC1 Control with Relief. Location: driver side pump panel	1
4015-0072-203	6" Intake Valve Elkhart Electric UBEC1 Control with Relief. Location: officer side pump panel	1
4015-0098	Manual operated master pump drain. The master drain shall be clearly marked and placed in accessible location on pump panel.	1
4015-0130-340	Additional Trident Primer Valve. Located: 5 in. front intake. Requires aux air tank if connected to front or rear intake.	1
4015-0210	Pump cooler with Innovative Control 1/4 turn valve with "T" handle and label.	1
4015-0242	Trident primer W/3 barrel push button control. For use with 1250 GPM and larger pumps. Requires 15.6 CFM or larger engine air compressor.	1
<b>INTAKES</b>		
4440-0005	2.5" Left Intake Akron Manual Valve.	1
4440-0006	2.5" Right Intake Akron manual valve.	1
4440-0062	5" Front Intake w/5" Elkhart Electric Actuated Valve and Relief.	1
<b>INTAKE OPTIONS</b>		
4445-0005	Front intake swivel 6" polished chrome.	1
4445-0008	Intake Relief Valve - Elkhart.	1

Salescode	Extended Description	Qty	
<b>DISCHARGES AND PRECONNECTS</b>			
4415-0012-654	1.5" Crosslay with Akron manual valve. Location: crosslay 1 & 2.	2	
4415-0014-581	2.5" Left Pump Panel Discharge Akron Manual Valve. Location: left side discharge 1.	1	
4415-0014-582	2.5" Left Pump Panel Discharge Akron Manual Valve. Location: left side discharge 2.	1	
4415-0022-350	2.5" Left Rear Discharge Akron Manual Valve. Location: left rear discharge.	1	
4415-0028-351	2.5" Right Rear Discharge Akron Manual Valve. Location: right rear discharge.	1	
4415-0041	3" Deck Gun Discharge, Akron manual valve. (outlet shall terminate with MNPT threads unless extend gun is install)	1	
4415-0058-655	2.5" Crosslay Akron Manual Valve. Location: crosslay 3.	1	
4415-0178-530	Polished Stainless Steel Swivel Located on Top of Bumper driver's side outboard for Front Bumper Discharge.	1	
4415-0194	2.5" Front bumper discharge Akron manual valve.	1	
4415-0421-583	4" Pump Panel Discharge Akron Valve Handwheel Control. (Waterous pumps noted location to be forward lower port.) Location: right side discharge 1.	1	
4417-0106-L65	Deck gun piping to be positiond centered in deck gun channel.	1	
<b>DISCHARGE OPTIONS</b>			
4417-0175	Innovative Controls push/pull valve controls with locking T handles.	1	
4417-0177	Innovative Controls 3/4" bleeder/drain valve include 1/4 turn T-handle.	10	
4417-0185	Innovative Controls discharge and intake bezels with integral color code and verbiage for side mount pump panel.	1	
4417-0246	Dealer installed monitor, make and model as specified.	1	
<b>PRESSURE GOVERNORS</b>			
4465-0017	FRC PumpBoss pressure governor PBA400 series. Includes engine monitor gauges.	1	
<b>GAUGES</b>			
4435-0053-171	FRC Tank Level Water TankVision model WLA205-A00 Mini Gauge. Location: driver's overhead.	1	
4435-0090-230	Additional PSTank Level Strip-Light. Located: officer rear.	1	
4435-0246	2.5" Innovative Controls stainless steel case pressure gauge (0-400) with color code bezel.	10	
4435-0247	4" Innovative Controls stainless steel case master pressure gauges with bezel. Intake 30-0-400, and discharge 0-400.	1	
4435-0286	Fire Research TankVision Pro model WL360-A00 Class A foam tank level gauge.	1	

Salescode	Extended Description	Qty
<b>GAUGES</b>		
4435-0292-Y09	FRC Tank/VisionWLA300-A00/Whelen PSTank water tank level gauge package. Location of Whelen PSTank Strip-Lights: each side of cab behind rear cab doors up high.	1
<b>FOAM SYSTEMS</b>		
4430-0020	2002 Hypro/FoamPro foam system.	1
4430-0079	The foam system performance shall be tested and certified in compliance with the applicable NFPA 1901 requirements.	1
<b>FOAM SYSTEM OPTIONS</b>		
4432-0053-350	Foam system plumbed to left rear discharge.	1
4432-0053-351	Foam system plumbed to right rear discharge.	1
4432-0053-556	Foam system plumbed to 1.5 first crosslay.	1
4432-0053-557	Foam system plumbed to 1.5 second crosslay.	1
4432-0053-565	Foam system plumbed to driver's side front jump line.	1
4432-0061-282	FoamPro foam system refill. Includes clear hose wand (ship loose). Controller and connection port located driver's side pump panel.	1
<b>ELECTRICAL SYSTEMS</b>		
5010-0036	V-MUX Electrical system for pumper / tanker / rescue.	1
5010-0049	Vehicle data recorder - 2009 / 2016 NFPA compliant. Includes occupant detection shown in multiplex display. E-ONE chassis only.	1
5010-0051	HVAC Controlled through multiplex display(s).	1
5010-0052-649	Vista IV touch screen display for V-MUX electrical system. Location: driver's side engine cover.	1
5010-0094	Nanoprotech corrosion inhibiting spray coating to be applied on all exposed electrical connections.	1
5010-0100	AXIS Smart Truck Technology. Includes roof mounted antenna and 5 year data plan. For use only with E-ONE chassis in the USA.	1
<b>LIGHT BARS</b>		
5300-0495	GTT 755H Opticom centered in forward facing Whelen Freedom IV light bar.	1
5300-0505	Whelen MK8H 5" high mount for front light bar (PR).	1
5300-0506-000-4T	Front light bar LED color: Red with clear lenses (If applicable, includes side facing when colors are the same.)	1
5300-0508-666	Whelen Mini-Freedom IV side facing light bars (PR) 21.5" with 4 LED modules. Location: each side over front cab doors.	1



Salescode	Extended Description	Qty	
<b>LIGHT BARS</b>			
5300-0519	Whelen MK8H 5" high mount for mini side facing light bars (4).	1	
5300-0554	Light bar Whelen Freedom IV Model F4X1 81" with 16 LED modules. Location: Centered on the front cab roof.	1	
<b>WARNING LIGHT PACKAGES</b>			
5550-0225-538	Whelen M6 Super LED lower level warning light package. Includes (8) red M6RC LED light heads with clear lens and (2) red M2RC LED light heads with clear lens. Locate side facing lights: at forward most position, in rear wheel well offset to front, and side facing at rear of body in rubrail if equipped.	1	
<b>WARNING LIGHTS</b>			
5600-0105-170	Hazard (door ajar) light 2" LED. Location: center overhead.	1	
5600-0107	Warning light Roto-Ray LED with red lenses. Locate on front of cab centered below windshield.	1	
5600-0286-3C8	Warning light Whelen M6RC series Super LED (PR) red with clear lens. Location: (1) each side of cab, rearward of rearward doors, same height as warning light(s) over front wheel well.	1	
5600-0286-463	Warning light Whelen M6RC series Super LED (PR) red with clear lens. Location: (1) each side in front quad inboard of NFPA warning light.	1	
5600-0286-464	Warning light Whelen M6RC series Super LED (PR) red with clear lens. Location: (1) each side of cab down low just ahead of rear doors.	1	
5600-0286-467	Warning light Whelen M6RC series Super LED (PR) red with clear lens. Location: (1) each side above tail lights.	1	
5600-0286-077	Warning light Whelen M6RC series Super LED (PR) red with clear lens. Location: each side on heavy duty bumper angled corners.	1	
5600-0417	Enclose bottom of aerial style bracket for no exposed wiring.	1	
5600-0421-479-06	Whelen beacon with Rota-Beam LED upper beacon and M7 series Super LED (PR) model B63M7 with red domes and Red LEDs. Location: rear upper body on aerial style brackets.	1	
5600-0671-469-4T	Warning light Whelen ION-T Series model TLI Super LED (PR). Color: Red with clear lenses. Location: (1) each side centered below forward compartments in rubrail if equipped. (Split light head(s) containing "white" light(s) are for additional or non-NFPA warning lights only - NOT for use in a NFPA compliant package.) Note: ION-T Series light only available with clear lenses.	1	
5600-0671-471-4T	Warning light Whelen ION-T Series model TLI Super LED (PR). Color: Red with clear lenses. Location: (1) each side just behind rear wheels in rubrail if equipped. (Split light head(s) containing "white" light(s) are for additional or non-NFPA warning lights only - NOT for use in a NFPA compliant package.) Note:	1	

Salescode	Extended Description	Qty	
<b>WARNING LIGHTS</b>			
5600-0671-742-4T	ION-T Series light only available with clear lenses. Warning light Whelen ION-T Series model TLI Super LED (PR). Color: Red with clear lenses. Location: (1) each side in pump module rubrail if equipped. (Split light head(s) containing "white" light(s) are for additional or non-NFPA warning lights only - NOT for use in a NFPA compliant package.) Note: ION-T Series light only available with clear lenses.	1	
5600-0671-X16-4T	Warning light Whelen ION-T Series model TLI Super LED (PR). Color: Red with clear lenses. Location: (2) each side of DOT lights in rub rail at rear of body. (Split light head(s) containing "white" light(s) are for additional or non-NFPA warning lights only - NOT for use in a NFPA compliant package.) Note: ION-T Series light only available with clear lenses.	2	
<b>SIRENS</b>			
5500-0010-210	Federal Q2B siren - flush mounted in bumper. Location: center front bumper.	1	
5500-0015	Whelen model 295SLSA1 siren with microphone (replaced 295HFSA1).	1	
5500-0024-170	The primary electronic siren control is to be located center overhead.	1	
<b>SPEAKERS</b>			
5510-0029-211	Speaker, Federal Signal Dynamax ES100 with "E-ONE" grille through bumper. Location: officer side front bumper.	1	
<b>DOT LIGHTING</b>			
5150-0017	License plate light LED with chrome housing located at the rear of the body.	1	
5150-0025	Marker light LED body/cab package. E-One custom cab and pumper or tanker body only.	1	
5150-0032	Bracket license plate at rear of body.	1	
5150-0068	Marker lights Britax LED amber/red rubber housed mounted on the rear body corners angled down.	1	
5150-0091	Whelen M6 series LED vertical mount tail lights. Includes LED stop/tail, arrow turn and back-up lights with vertical 4 light housing and weatherproof connectors.	1	
<b>LIGHTS - COMPARTMENT, STEP &amp; GROUND</b>			
5380-0116	Ground light package Amdor Luma-Bar H2O LED - large.	1	
5380-0146-3C7	Compartment light Amdor LED additional (EA) ceiling mounted as close to door opening as practical. Location: rear wall medical cabinet.	1	
5380-0190	Compartment light package Amdor Luma-Bar LED for small bodies. Includes two lights per compartment (four if transverse).	1	

Salescode	Extended Description	Qty	
<b>LIGHTS - COMPARTMENT, STEP &amp; GROUND</b>			
5380-0323	The auxiliary steps below the cab doors to have EON LED lights to illuminate the stepping surface and ground below (IPO lights indicated in the main ground light package).	1	
<b>LIGHTS - DECK AND SCENE</b>			
5390-0007	Deck/scene light circuit wiring through chassis reverse. Requires rear deck or scene light.	1	
5390-0230	Hose bed light FireTech model WL2000 LED. Locate center front of hose bed. Switched with work light switch in cab.	1	
5390-0231	Crosslay light FireTech model WL2000 LED. Locate to rear of crosslay (SM) and forward of crosslay (TM as applicable). Switched with work light switch in cab.	1	
5390-0249-3C9	Deck lights Whelen Micro Pioneer Plus model MPPW with low profile pedestal mount. Location: (1) each side mounted to aerial style bracket wire cover (requires 5600-0417).	1	
<b>LIGHTS - NON-WARNING</b>			
5400-0011	LED pump compartment light (EA).	1	
5400-0224	Engine compartment light Optonics LED Series ILL22 (EA).	1	
5400-0242-270	TecNiq LED backing lights (PR) model E60-WS20-1flush mount docking/backing light. Location: rear wheel well offset to rear.	1	
5400-0259	TecNiq model E10 pump panel LED light package with (3) lights per side pump panel. Pump panels over 45" may require additional lights. Side mount only.	1	
<b>CONTROLS / SWITCHES</b>			
5100-0000-198	Foot switch to control air horns located driver's side.	1	
5100-0000-199	Foot switch to control air horns located officer's side.	1	
5100-0006-198	Foot switch to control Q2B located driver's side.	1	
5100-0006-199	Foot switch to control Q2B located officer's side.	1	
5100-0036-072	Additional programming instructions: windshield wipers interlocked through park brake.	1	
5100-0036-W49	Additional programming instructions: Roto Ray light to stop spinning and flash when the park break has been applied when emergency lighting has been activated.	1	
5100-0165	Audible door ajar alarm wired through door ajar light. For use with V-Mux Display only.	1	
<b>CAMERAS / INTERCOM</b>			
5350-0060	Diamond plate camera shield.	1	



Salescode	Extended Description	Qty	
<b>CAMERAS / INTERCOM</b>			
5350-0182	Safety Vision officer's side camera SV-622RS w/ SV-512 cable. Requires Safety Vision back-up camera option. Camera to be located on front cab corner (approx 31" bottom of camera to bottom of cab) interlocked with right turn signal. Camera only - does not include monitor.	1	
5350-0183	Safety Vision driver's side camera SV-622LS w/ SV-512 cable. Requires Safety Vision back-up camera option. Camera to be located on front cab corner (approx 31" bottom of camera to bottom of cab) interlocked with left turn signal. Camera only - does not include monitor.	1	
5350-0186	Back-up camera speaker. For use with V-MUX electrical system. Located in cab accessible to driver.	1	
5350-0192	Safety Vision back-up camera wired through multiplex display. Video displays automatically when transmission is in reverse. Camera only - does not include monitor.	1	
5350-0382	David Clark Intercom model 3800 system. Includes five (5) plug in modules and headset hangers within the cab. Headsets are not included and ordered separately (misc loose equip). Interface cables are not included as part of the Intercom package. Dealer/customer to provide/install at time of radio installation.	1	
<b>MISC ELECTRICAL</b>			
1750-0082-663	12V power distribution module. Includes (6) battery hot and (6) switched hot circuits. 100 amps max (IATS). Location: L1 high on forward wall.	1	
1750-0082-762	12V power distribution module. Includes (6) battery hot and (6) switched hot circuits. 100 amps max (IATS). Location: behind officer's seat.	1	
5110-0017	Back-up alarm 97 dB.	1	
<b>LIGHTS - QUARTZ</b>			
5450-0591-491	Light Whelen 12V Pioneer Plus flood LED model PFH2 with brow mount (EA) powder coated white. Includes switch in cab (driver and officer side facing lights switched separately). Location(s): driver and officer side over canopy area.	2	
5450-0600	Pioneer Summit Series 72" 12V brow light with integrated marker lights and white housing. Includes switch accessible to driver. Replaces front brow marker lights. Requires special bracket 5450-0601 on aerials with waterway trough. Not available on aerials with deep trough.	1	
<b>RECEPTACLES</b>			
5470-0004-744	Receptacle household 20A/110V duplex 3-prong NEMA 5-20 with cover plate interior mounted wired to inlet receptacle. Location: R1 high on forward wall.	1	
5470-0004-848	Receptacle household 20A/110V duplex 3-prong NEMA 5-20 with cover plate interior mounted wired to inlet receptacle. Location: centered on rear cab wall	1	

Salescode	Extended Description	Qty
<b>RECEPTACLES</b>		
5470-0051-848	below seat support channel. 6 outlet household 20A/110V power strip wired to inlet receptacle. Location: centered on rear cab wall below seat support channel.	1
<b>MISC LOOSE EQUIPMENT</b>		
7900-0014	DOT Required Drive Away Kit - Kit includes three (3) triangular warning reflectors with carrying case. This kit is for the end user and is to remain with the truck.	1
<b>EXTERIOR PAINT</b>		
8100-0064	Cab paint break - standard with dip to grille. Break is 31.5" inches below the drip rail on Typhoon X and CII X cabs. Pre-07' emission Typhoon cab break is 33.5" below the drip rail.	1
8100-0065-000-17	Paint chassis frame rails, springs, cross-members, fire pump, drivelines, fuel and air tanks, axles, front bumper extensions with brackets and front suction piping (if applicable) shall be painted: FLNA3225E-1 Red.	1
8100-0087	Paint Sample Spray Out - Dealer is responsible for returning written approval prior to order release. Two-tone cab color.	1
8100-0089	All applicable pump/pre-connect application modules are to have a sanded finish (not painted job color). Includes upper and lower pump modules, crosswalk module and/or speedlay/pre-connect module (as applicable). Rear mounted body/pump module to be painted job color.	1
8100-0116	Rear body surface to have a sanded finish (not painted job color). Includes hinged doors that do not have discrete sales codes and removable panels.	1
8100-0176-000-17	Paint E-ONE chassis cab - Sikkens paint. Color: FLNA3225E-1 Red.	1
8100-0177-000-18	Paint cab Sikkens two-tone. Upper area of cab to be painted FLNA4006 White.	1
8100-0183-000-17	Paint Body - Large - For Aerials, T/A Tankers/Wetsides, Rear Mounts and Rescues. Sikkens paint. Color: FLNA3225E-1 Red.	1
8100-0416	Front cab grille mesh painted with the waving United States flag.	1
8100-0421-000-18	Paint air conditioning condenser cover. Color: FLNA4006 White.	1
<b>INTERIOR PAINT</b>		
8150-0007	The interior of the cab to be painted Zolatone black.	1
<b>LETTERING</b>		
8200-0113	Scotchlite Letter (Each) upto 6" tall. The exact size, color and location of the letters as specified by the customer.	82
8200-0114	Scotchlite Letter (Each) upto 12" tall. The exact size, color and location of the letters as specified by the customer.	28

Salescode	Extended Description	Qty
<b>LETTERING</b>		
8200-0115	Scotchlite Letter (Each) taller than 12". The exact size, color and location of the letters as specified by the customer.	2
8200-0116	Shade and/or outline (EA) for letters as specified by the customer.	113
<b>STRIPING</b>		
8300-0042	White rubrail scotchlite insert.	1
8300-0145-000-J7	Chevron "A" style 6" 3M "Diamond Grade" striping on front bumper. Colors to be Red/Fluorescent Yellow Green.	1
8300-0146-000-J7	Chevron "A" style 6" 3M "Diamond Grade" striping full width on rear of body. Includes rear facing extrusions, panels and doors. Colors to be Red/Fluorescent Yellow Green.	1
8300-0331	Single NFPA Scotchlite Stripe - up to 6" wide with hockey style, Z or S style or other customer specific design style. Stripe to be installed on cab and the body. Size, color and location as specified by the customer.	1
8300-0334	Additional NFPA Scotchlite Stripe - upto 3" wide on cab and the body. Design, size, color and location as specified by the customer.	2
8300-0338	Paint break Scotchlite cab stripe - 3/4" wide with customer specified color. To be located above existing paint break.	1
8300-0381	Yellow perimeter marking to indicate designated standing / walking areas above 48" high in compliance with 2016 NFPA 1901 consisting of individual Reflexite diamonds approximately 1" wide. Steps, ladders and areas with a railing or structure at least 12" high are excluded from this requirement.	1
<b>GRAPHICS</b>		
8400-0010-1V4	Install customer logo from an existing E-ONE design (EA). Location: reference graphics layout drawing	4
8400-0067	E-ONE logo with grey backing on M6 series vertical tail light housing (PR).	1
<b>WARRANTY / STANDARD &amp; EXTENDED</b>		
9100-0000	Standard 1 Year Warranty.	1
9100-0003	Lifetime Frame Structural Warranty.	1
9100-0004	10 Year/100,000 Mile Structural Warranty for Alum Cab / Body - Statement of Warranty.	1
9100-0005	10 Year Stainless Steel Plumbing Warranty - Statement of Warranty.	1
9100-0019	10 Year Limited Paint and Perforation Warranty - For Sikkens Paint.	1
9100-0090	25 Year frame rail corrosion warranty. Includes liners (if equipped).	1
<b>SUPPORT, DELIVERY, INSPECTIONS AND MANUALS</b>		

Salescode	Extended Description	Qty	
<b>SUPPORT, DELIVERY, INSPECTIONS AND MANUALS</b>			
9300-0009	Manuals, Operator and Service in digital format.	1	
9300-0012	Pump panel approval drawings.	1	
9300-0016	Approval Drawings-Standard.	1	
9300-0031	Dash panel layout approval drawings	1	
9300-0316	Fire Apparatus Safety Guide published by FAMA, latest edition.	1	
<b>Dealer Supplied Equipment</b>			