

AGENDA
ITEM 7.A.



FIRE APPARATUS PROPOSAL

DATE: October 13, 2016

This Proposal has been prepared for:

**Key Largo Fire-Rescue
POB 1023
Key Largo, Florida 33037**

We propose to furnish to you one (1) 2017 E-ONE Pumper on an E-ONE Typhoon Chassis to be custom built and equipped per the City of Key Largo specifications as detailed in the attached apparatus component list. The vehicle shall be priced according to the Hillsborough County open contract. The purchase price shall also include all listed vehicle components and NFPA recommended equipment as required by the fire department as detailed in the Hall-Mark Proposal.

Delivery will be F.O.B. City of Key Largo and will be made approximately 240 calendar days after receipt of the order at Hall-Mark RTC in Ocala, Florida. Terms of payment shall be cash on delivery (C.O.D.) unless lease or pre-payment discount options are exercised.

The current purchase price is as follows:

Cost of Apparatus:	\$527,067.00
Trade-In 2001 Pierce Pumper	-\$30,000.00
Pre-Payment Discount	-\$14,163.00
Total Apparatus Cost	<u>\$482,904.00</u>

This proposal shall expire on November 10, 2016 unless extended in writing.

This proposal is deemed acceptable by the undersigned. In witness whereof, The Company and the Purchaser shall execute an agreement to this proposal with signatures from authorized representatives as of the date set forth by each.

Company:
By: Ron Wilson
Typed/Printed: Ron Wilson
Title: Sales Representative

Purchaser:
By: _____
Typed/ Printed: _____
Title: _____



Fire Apparatus Quotation for: KEY LARGO FIRE RESCUE



Quotation Number: 80350 Rev: 67

Unit Description: PAEM-TYPH

Quote Description: Pumper, Aluminum, eMAX, Typhoon

Salesperson: RWILSON

Salescode	Extended Description	Qty
FRAME ASSEMBLY		
1250-0076	Rear underbody support frame. Includes zinc plated (galvanized) IPOS.	1
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
1250-0085	Front chassis frame extensions, crossmembers and battery brackets shall be zinc plated (galvanized) IPOS. Includes rear subframe if applicable (urban interface, straight frame 4x4, etc).	1
AXLE OPTIONS		
1025-0006	Meritor FL941 front axle 20,000 lbs.	1
1025-0018	Meritor RS-30-185 single rear axle 31,000 lb. capacity.	1
1025-0028	Koni shock absorbers for front axle - adjustable.	1
1025-0030	Stemco oil seal front axle. Chicago Rawhide seal with Stemco sight glass will be supplied when front disc brakes are selected.	1
SUSPENSIONS		
1070-0012	Reyco rear suspension springs rated equal to the capacity of the axle.	1
TIRE OPTIONS		
1060-0006	Four Michelin 315 tires model XZA-1 for rear axle	1
1060-0046	Two Michelin 425 tires model XFE for front axle.	1
1060-0117	RWC AirGuard LED tire pressure monitoring valve stem caps (6) for single rear axle applications.	1
BRAKE SYSTEMS		
1100-0001	Meritor EX225H 17" disc brakes for front axle.	1
1100-0002	ArvinMeritor 16-1/2" x 7" S-cam brakes with cast brake drums for a single rear axle.	1

Salescode	Extended Description	Qty
BRAKE SYSTEMS		
1100-0005	Brake system air 4X2/4X4.	1
1100-0006	Parking brake release mounted on the driver's side lower dash.	1
1100-0020	Compression fittings for all air brake system lines. Includes cab interior air lines as applicable.	1
1100-0024	G4 Electronic Stability Control (4x2), Includes RSC and ATC. Not available on 4x4, commercial chassis or tiller.	1
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
3090-0007	Hosebed hoseload allowance on the apparatus shall be 1200 lbs.	1
3340-1137-12E	Equipment allowance on the apparatus shall be 3500 lbs. This allowance is in addition to the weight of the hoses and ground ladders listed in the shop order as applicable.	1
BUMPER TRAYS		
1150-0118	Bumper tray driver's side with slats 14 inches deep (approx 13 inches to slats).	1
1150-0121	Bumper tray center of bumper 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: driver's side.	1
1150-0139-589	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: center.	1
1150-0163	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
BUMPERS		
1160-0008	3/16" Front Bumper Gravel Shield.	1
1160-0015	24" Front Bumper Gravel Shield Extension.	1
1160-0041	Heavy duty front bumper 10" high with full wrap around. To be painted job color.	1

Salescode	Extended Description	Qty
BUMPERS		
1160-0149	LINE-X bumper package: Includes all visible diamond plate 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
WHEEL OPTIONS		
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
1050-0008	Rear axle (single) wheel trim kit. Includes stainless steel lug nut covers (chrome plated plastic if applicable) and center cap with E-ONE logo. E-ONE custom chassis w/steel wheels will have chrome plated plastic lug covers.	1
1050-0044	Accuride aluminum wheels for front axle (2).	1
1050-0045	Accuride aluminum wheels for rear axle (4).	1
AIR SYSTEM OPTIONS		
1110-0000-001	Inlet for air system. Location: driver door jamb.	1
1110-0002	Air dryer Bendix AD-9.	1
1110-0005	Automatic moisture ejectors, heated.	1
1110-0006	Air lines nylon.	1
1110-0026	Air horns recessed in bumper (PR).	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
ENGINES & TRANSMISSIONS		
1200-0017	Push-button transmission shift selector.	1
1200-0020	TransSynd synthetic transmission fluid for EVS3000.	1
1200-0096	Electronic speed limiting set at 60 MPH.	1
1200-0313	Eng/Trans Cummins ISL 450HP/EVS3000 2016 EPA compliant engine.	1
SECONDARY BRAKING		
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
EXHAUST OPTIONS		

Salescode	Extended Description	Qty
EXHAUST OPTIONS		
1225-0008	Wrap exhaust with heat tape from the turbo down to the flex pipe. Inspect after install for tears in material. Wrap outside with wire mesh to ensure material remains affixed.	1
COOLING PACKAGE		
1800-0013	Cooling system for use with Cyclone II X, Typhoon X, and Quest chassis. For use with 2010 / 2013 / 2016 EPA engines. Includes coolant recovery system.	1
FUEL SYSTEMS		
1350-0003	Fuel system 50 gallon.	1
1350-0009	Fuel line hose braided. Includes fuel pick-up (if applicable).	1
1350-0012-E69	Fuel shut-off valve. Location: one (1) inlet side of fuel/water separator.	1
1350-0013	Racor fuel/water separator to be a bottom drop out style. Shall include indicator light and audible alarm.	1
ALTERNATOR		
1700-0005	Alternator Leece Neville 320 amp. 320 amp SAE/275 amp NFFPA.	1
BATTERIES		
1400-0032	Battery five group 31 1000 CCA (two left / three right). For use with below cab DEF tank only.	1
CHASSIS OPTIONS		
1680-0005	Thermatic fan clutch.	1
1680-0006	Drivelines 1710.	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 for 2013 / 2016 EPA engines. Location: left side below rear of cab.	1
1680-0284	Radiator mounted power steering cooler.	1
CAB MODEL		
1520-0021	Typhoon X long cab with 67.5" CA. Includes barrier style doors.	1
CAB ROOF TYPE		
1615-0001	Vista full height rear doors, 12".	1
1615-0005	Delete front vista roof windows.	1
1615-0006	Delete side vista roof windows ahead of rear doors.	1

Salescode	Extended Description	Qty
CAB ROOF TYPE		
1615-0007	Delete rear vista roof windows.	1
CAB BADGE PACKAGE		
1610-0000	Cab and body to have applicable E-ONE logos.	1
GRILLE		
1620-0006	CIIX stainless steel grille for Typhoon X.	1
CAB DOOR OPTIONS		
1550-0002	Map pockets cab front doors stainless steel.	1
1550-0003	Rear crew cab doors in the medium position.	1
1550-0005	Driver and officer cab door windows. Include forward vent windows.	1
1550-0017	Cab door panels stainless steel.	1
1550-0024	All cab doors shall have exterior paddle latches.	1
1550-0027	Front cab door windows to have manual actuation.	1
1550-0038-658	(4) LED cab step area lighting. Locate each light in the cab step well area. Lights to be switched with door ajar.	1
1550-0081	Cab door locks - electric. Includes driver side exterior touchpad, (2) remote key fobs, barrel style key lock on exterior of each door and manual interior lock on each 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
1550-0103	Rear crew cab door windows with rear fixed panel. Includes manual roll-down actuation. For use with paddle style door latching.	1
1550-0134	Polished stainless steel trim on bottom edge of the over wheel cab compartment opening (ea).	1
1550-0179-000-J7	Red/Fluorescent Yellow Green Reflexite V98 chevron "A" stripe on lower cab door panel approx 18" high. Stainless steel/painted door panels only. TyphoonX, CIIX and QST2 only.	1
CAB STEP OPTIONS		
1640-0036	LINE-X package for custom cab steps: Includes cab step wells (everything below the cab floor) and all welded and bolt on steps including stirrup and swing out steps as applicable. Steps hanging below the cab shall have LINE-X coating inside and outside. DEF tank door or any other access doors are also included in this package if located in the step well area below the cab floor.	1

Salescode	Extended Description	Qty
CAB STEP OPTIONS		
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's 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's rear door. Steps under front cab doors shall not interfere with approach angle.	1
1640-0047	Lower steps to extend 3.5" past cab. Barrier doors only.	1
MIRRORS		
1670-0038	Lang Mekra mirrors w/LED marker lights and turn signals. Door mounted west coast style with convex, remote control and heat.	1
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
1670-0065	Retrac Mirror stainless steel 10" 3-arm convex above driver side cab brow, 3 piece adjustable telescoping arm. Head #604953, Arm assy#604671	1
MISC EXTERIOR CAB OPTIONS		
1550-0033	Windows cab side fixed officer's side.	1
1550-0035	No window on the driver side of the cab	1
1675-0014	SCBA bottle storage, two driver side of cab behind rear door with cast doors.	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
1675-0045	Hansen white LED cab handrails upgrade (EA).	4
1675-0046	Rear cab wall to be smooth 3/16" aluminum plate. Cab wall to be finish painted to match the cab paint scheme.	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
HVAC		
1515-0017	Air conditioning for the Typhoon X, CII X and Quest with Cummins ISC/ISL engine and radiator mounted condenser.	1

Salescode	Extended Description	Qty
HVAC		
1515-0048	Controls for heating and air conditioning shall be located in the driver side lower dash area. For use without front air bags only.	1
SEATS		
1510-0004	Seats, Bostrom brand.	1
1510-0008	Seat color gray.	1
1510-0037	Seat cover material Durawear.	1
1510-0043	Driver seat to be Bostrom air ride.	1
1510-0046	Officer seat to be Bostrom air ride SCBA.	1
1510-0119-134	Flip up Bostrom SCBA seat located centered.	1
1510-0119-D37	Flip up Bostrom SCBA seat located driver side rear wall with ctr of seat approx 26" from ctr of cab.	1
1510-0119-D38	Flip up Bostrom SCBA seat located officer side rear wall with ctr of seat approx 26" from ctr of cab.	1
1510-0203-147	Bracket SCBA IMMI SmartDock Gen2 restraint system. Location: officer's seat.	1
1510-0203-151	Bracket SCBA IMMI SmartDock Gen2 restraint system. Location: inboard driver's side rear wall.	1
1510-0203-152	Bracket SCBA IMMI SmartDock Gen2 restraint system. Location: inboard officer's side rear wall.	1
1510-0203-513	Bracket SCBA IMMI SmartDock Gen2 restraint system. Location: center rear wall.	1
1510-0279-146	ReadyReach seat belt extender. Location: driver's seat.	1
1510-0279-147	ReadyReach seat belt extender. Location: officer's seat.	1
1510-0279-513	ReadyReach seat belt extender. Location: center rear wall.	1
1510-0279-D37	ReadyReach seat belt extender. Location: driver side rear wall with ctr of seat approx 26" from ctr of cab.	0
1510-0279-D38	ReadyReach seat belt extender. Location: officer side rear wall with ctr of seat approx 26" from ctr of cab.	1
1685-0032	Seating capacity tag of five occupants.	1
MEDICAL CABINETS		
1535-0057	Driver side cab wheel well medical cabinet approximately 42 x 22 (25 Quest) x 28. Includes external locking pan door painted job color and interior hinged full height door with locking push-button latch. Cabinet includes (2) adjustable shelves.	1
1535-0097	Medical cabinet mounted on the wheel well officer side of cab 15.5X24X21 with a vertically hinged door and locking push-button latch.	1

Salescode	Extended Description	Qty
MEDICAL CABINETS		
1535-0202	Cab medical/storage cabinet(s) finish to be Zolatone gray. Includes interior/exterior of cabinet and shelves/trays if equipped.	1
MISC INTERIOR CAB OPTIONS		
1685-0000	Cab interior gray. Does not include engine cover or seat color.	1
1685-0005	Lexan sun visors, driver and officer's side overhead.	1
1685-0008	Control lanyard Y type for air horns.	1
1685-0011	Stainless steel pair of window bars for rear cab doors.	1
1685-0068	Rear engine cover diamond plate trim.	1
1685-0084	3/16" Aluminum plate on top engine access door. To have swirl finish and be spaced up approx 1/2".	1
1685-0187	Severe duty engine cover, molded polyurethane.	1
1685-0275-V33	Cup holder (PR). Polyurethane construction for use in Typhoon and CII with severe duty engine cover only. Location: Driver and officer side of engine cover slightly ahead of access door spaced approximately 20" apart (center to center).	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
CAB ELECTRICAL OPTIONS		
1750-0010	Radio speakers additional pair. Locate each side rear cab ceiling.	1
1750-0016	Pump hourmeter in cab.	1
1750-0024-179-04	Auto-Eject receptacle inlet 20 amp located outside driver's door next to handrail with a Yellow cover.	1
1750-0027	Control push-button switch officer dash for Q2B siren.	1
1750-0046-195	Cab Headlights. Position: lower.	1
1750-0074	Interlock to position front intake for cab tilting.	1
1750-0075	English dominant main cab gauge cluster.	1
1750-0078	Light Whelen model PSR00FRR LED (4) red. Horizontal mounted flashing strip light on each of the inside lower cab door panels. Wire through door switch.	1
1750-0091	Battery Saver Kussmaul model 091-195-12 wired to battery charger receptacle.	1
1750-0163	Speedometer officer's side switch panel.	1
1750-0198-A31	Battery charger 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	LED cab headlights. TyphoonX, CIIIX and QST2 only.	1

Salescode	Extended Description	Qty
CAB ELECTRICAL OPTIONS		
1750-0344	Battery charger E-ONE LPC 40. 120 volt inlet, 40 amp output.	1
1750-0449	Momentary DPF regeneration override switch.	1
1750-0504-847	Radio Delphi AM/FM/Weatherband with CD and aux input and USB port. Located center overhead console offset to officer side.	1
1750-0540-D45	Dual USB charging ports in the cab wired through ignition. Location: officer's switch panel.	1
5400-0057	Dome lts red/white 4" LED (4). Lights to be located two front and two rear. White light wired through door and light assembly mounted rocker switch. Red light through light assembly mounted rocker switch.	1
BODY COMPT LEFT SIDE		
3100-0264	Driver side body with full height 26" and 56" wide forward compartments and 56" wide rearward compartmentation. Includes (1) 56" wide compartment over the wheel well. Side Mount eMAX only.	1
3340-0096	(2) driver side roof top compartments with extra width to inboard side. Includes hinged raised compartment lids with turn latches, grab handle(s) and gas shock hold open and drain line(s) ran to below body. Each lid to have (1) bracket mounted LED light and to be wired to door ajar indicator in cab.	1
BODY COMPT RIGHT SIDE		
3120-0426	Officer side body with full height 26" and 56" wide forward compartments and 56" wide rearward compartmentation. Includes (1) 56" wide compartment over the wheel well and one (1) storage tunnel.	1
3340-0095	(2) officer side roof top compartments with extra width to inboard side. Includes hinged raised compartment lids with turn latches, grab handle(s) and gas shock hold open and drain line(s) ran to below body. Each lid to have (1) bracket mounted LED light and to be wired to door ajar indicator in cab.	1
BODY COMPT REAR		
3110-0170	Lower Rear Compartment with Officer Side Storage Tunnel. Includes smooth plate panels and storage access door with push button latch.	1
3340-0102	Angled (Boston style) style tailboard corners.	1
3340-0319	Bolt-on diamond plate 10" tailboard (full width of body). For use with rear ladder application. Includes handrails- (1) vertical on trailing edge of body opposite side of ladder and handrail(s) horizontal below hosebed.	1
BODY MODULE FRONT		
208306	eMAX Forward body configuration - SM. Includes a upper double preconnect storage area, lower transverse storage area, rack in lower storage area for (2)	1

Salescode	Extended Description	Qty
BODY MODULE FRONT		
	backboards (vertical stored offset forward - sleeve each side of center pump access), center front pump access doors and removable center floor in lower area.	
DOORS		
3300-0017-005	Door roll up short (up to 45") with satin finish ROM. Location(s): L3.	1
3300-0017-017	Door roll up short (up to 45") with satin finish ROM. Location(s): R3.	1
3300-0019-003	Door roll up tall (greater than 45") with satin finish ROM. Location(s): L1.	1
3300-0019-004	Door roll up tall (greater than 45") with satin finish ROM. Location(s): L2.	1
3300-0019-006	Door roll up tall (greater than 45") with satin finish ROM. Location(s): L4.	1
3300-0019-015	Door roll up tall (greater than 45") with satin finish ROM. Location(s): R1.	1
3300-0019-016	Door roll up tall (greater than 45") with satin finish ROM. Location(s): R2.	1
3300-0019-018	Door roll up tall (greater than 45") with satin finish ROM. Location(s): R4.	1
3300-0066-003	Drip pan for a ROM roll-up door (EA). Location(s): L1.	1
3300-0066-004	Drip pan for a ROM roll-up door (EA). Location(s): L2.	1
3300-0066-005	Drip pan for a ROM roll-up door (EA). Location(s): L3.	1
3300-0066-006	Drip pan for a ROM roll-up door (EA). Location(s): L4.	1
3300-0066-015	Drip pan for a ROM roll-up door (EA). Location(s): R1.	1
3300-0066-016	Drip pan for a ROM roll-up door (EA). Location(s): R2.	1
3300-0066-017	Drip pan for a ROM roll-up door (EA). Location(s): R3.	1
3300-0066-018	Drip pan for a ROM roll-up door (EA). Location(s): R4.	1
3300-0066-027	Drip pan for a ROM roll-up door (EA). Location(s): B1.	1
SHELVES		
3370-0025-006	Shelf, permanent shelf. Locate in L4.	1
3370-0025-101	Shelf, permanent shelf. Locate in R1 at offset (above extrusion if applicable).	1
3370-0025-109	Shelf, permanent shelf. Locate in R2 at offset (above extrusion if applicable).	1
3370-0025-110	Shelf, permanent shelf. Locate in R4 at offset (above extrusion if applicable).	1
3370-0052-004	Adjustable shelf (J-Style) for non-transverse compartments 16" or greater in depth. Location: L2.	2
3370-0052-005	Adjustable shelf (J-Style) for non-transverse compartments 16" or greater in depth. Location: L3.	1
3370-0053-017	Adjustable shelf (C-Style) for non-transverse compartments up to 15.99" in depth. Location: R3.	1

Salescode	Extended Description	Qty
SHELVES		
3370-0054-004	Tracks for adjustable shelf and/or adjustable tray in compartments 16" or greater in depth. Location: L2.	1
3370-0054-005	Tracks for adjustable shelf and/or adjustable tray in compartments 16" or greater in depth. Location: L3.	1
3370-0055-017	Tracks for adjustable shelf in shallow compartments up to 15.99" deep. Location: R3.	1
COMPARTMENT DIVIDERS		
3340-0166-004	Partition, bolt-in vertical partition wall. Locate in L2.	1
3340-0166-006	Partition, bolt-in vertical partition wall. Locate in L4.	1
TRAYS / TOOLBOARDS		
3380-0076-018	Tray, floor mounted roll-out with gas spring. 500 lbs. capacity. Location: R4.	1
3380-0076-027	Tray, floor mounted roll-out with gas spring. 500 lbs. capacity. Location: B1.	1
3380-0079-004	Adjustable heavy duty tool board with 500 lbs. capacity. Includes return style reinforcing bends on vertical front and rear edges of tool board, upper and lower adjustable track and gas shock actuated. Tool board sized to compartment height and depth as applicable. Location(s): L2.	2
3380-0079-006	Adjustable heavy duty tool board with 500 lbs. capacity. Includes return style reinforcing bends on vertical front and rear edges of tool board, upper and lower adjustable track and gas shock actuated. Tool board sized to compartment height and depth as applicable. Location(s): L4.	2
COVERS		
3305-0023	Nylon black cargo net at rear of diamond plate or vinyl hose bed cover or similar.	1
3305-0027	Nylon black cargo net on sides of speedlay.	1
3305-0034-000-13	Vinyl Black hose bed cover without attached rear flap(s). Requires rear cover option.	1
3305-0302	LINE-X package for Pump Module top cover(s): Includes exterior surfaces only on all crosslay/speedlay cover(s) and top surface of backboard storage and deck gun channel as applicable.	1
PUMP MODULE		
3130-0645	LINE-X package for side mount pump module: Includes exterior surfaces of all running boards (including speedlay running boards if applicable), integral running board platforms (underbody style not included), exterior surface of runningboard trays and lids, intermediate steps and all fabricated mounting plates installed under the module or body for plumbing options like drains, bleeders, etc. as	1

Salescode	Extended Description	Qty
PUMP MODULE		
applicable.		
PUMP PANELS		
3134-0088	The side pump intake / discharge panels to be painted Zolatone black. eMAX only.	1
3134-0089	Pump operator control panel in driver side forward body compartment to be painted Zolatone black. eMAX only.	1
MISC PUMP PANEL OPTIONS		
4460-0000-282	Air outlet w/snubber valve. Location: driver's side pump panel.	1
4460-0003	Pump panel tags color coded per NFPA compliance.	1
4460-0058	Push-pull handles on the pump operator's panel to be oriented vertical. eMAX only.	1
PUMP MODULE OPTIONS		
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
3136-0073	Removable Poly Speedlay Tray(s). The floor of the tray(s) to be slotted to prevent the accumulation of water and allow for ventilation of wet hose. Includes vertical slotted hand hold cutouts on each end to facilitate easy removal of the hose tray.	2
WATER TANK		
4010-0099	Fill tower(s) to be located offset to officer side of water tank.	1
4010-0298	1530 Gallon "R" Water Tank. UPF Poly III color fill towers. Note: Any foam cell(s) and/or storage options through the tank will reduce the overall water capacity. Tank capacity is 1530 US gallon / 1273 Imperial gallons.	1
TANK PLUMBING		
4450-0010	2" tank fill Akron manual valve.	1
4450-0121	3" Tank to pump Akron air actuated valve w/4" tank connection.	1
FOAM TANK		
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
LADDER STORAGE / RACKS		
3365-0049	Brand of ladders capable of being carried on unit to be Alco-Lite.	1
3365-0087-Z71	The length of ladders capable of being stored shall be the following: 24'	1

Salescode	Extended Description	Qty
LADDER STORAGE / RACKS		
3365-0149-097	2-section, 14' roof ladder and 10' attic ladder w/shoes. Storage tunnel capable of holding: (1) 2-section, (1) roof, (1) attic, (2) pike poles, (1) backboard in Officer.	1
HANDRAILS / STEPS		
3110-0099-524	NFPA hose bed access ladder. Zico model RL12 for increased visibility of rear outboard body mounted DOT/NFPA lighting. Includes required step lights and additional hand rail(s) if applicable. Location: rear of body driver side.	1
3330-0042	Hansen white LED body hand rails upgrade package (includes pump module if applicable).	1
3330-0158	Step below side intake / discharge panel (PR). Gator grip diamond plate. Each location requires a minimum of (1) handrail / handhold per NFPA. eMAX only.	1
MISC BODY OPTIONS		
3340-0004	Hosebed above the booster tank. Includes forward hosebed and tower(s) cover plate work (as applicable). Hosebed adjustable divider extrusion rearward of the furthest tower is to run full width of the hosebed (as is practical with other hosebed mounted equipment).	1
3340-0027	Diamond plate corner guards for the driver and officer front compartment face. Guards to wrap around the corner and be full height of side assembly or to a max of 96".	1
3340-0035	Divider Long. To run full length of hose bed (front to rear).	1
3340-0049	Hosebed storage pan. Locate in forward area of hosebed.	1
3340-0058	Recessed fuel fill driver side wheel well.	1
3340-0063	Divider short. To run full length of hose bed (front to rear) behind dual fill towers or single set back fill tower.	1
3340-0077	Body compartment Interiors 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
3340-0093	Mud flaps, rear, black with E-ONE logo.	1
3340-0094	Body mainframe and hosebed side assemblies for a 95" high body.	1
3340-0110	The rear of each hose bed divider to have a hand hold cut-out(s).	1
3340-0282-I06	Cab tilt switch and manual jack to be located: R1 low on forward wall.	1
3340-0470	The outboard panels of the roof top compartments or full width hosebed as applicable to be smooth plate overlays. These areas are to be seamless and painted job color.	1
3340-0494	Rubrail for the body.	1

Salescode	Extended Description	Qty
MISC BODY OPTIONS		
3340-0520	Smooth plate single axle wheel well painted job color. Includes bolt-on composite wheel well liners and bolt-on polished alum fenderettes.	1
3340-0586	Storage pan over eMAX transverse storage area(s).	1
3340-0680	Body mainframe layout line to be 23". Includes body and all applicable modules.	1
3340-0996	LINE-X package for eMAX Pumper, see specification for details.	1
3340-1065	LINE-X package for Pumper or Tanker body stepping surfaces, see specification for more details.	1
SCBA BOTTLE STORAGE		
3320-0100	Strap(s), loop style to retain SCBA bottle(s). Locate one per bottle in each exterior storage compartment.	1
3320-0120	Strap, loop style to retain SCBA bottle (EA). Locate one per bottle in each cab outside SCBA storage compartment.	1
3320-0182-497	E-ONE (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. Door shall cover the recessed fuel fill if located adjacent to the SCBA storage.	1
3320-0184-495	E-ONE designed (3) SCBA bottle storage driver side rear wheel well offset forward with hinged door and push button latch. Door material to match wheel well material.	1
3320-0184-498	E-ONE designed (3) SCBA bottle storage officer side rear wheel well offset forward with hinged door and push button latch. Door material to match wheel well material.	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.	1
PUMPS		
4005-0031	Rating 1500 GPM.	1
4005-0204	E-ONE 1250-1500 GPM pump, single stage. Requires primer option.	1
PUMP CERTIFICATION		
4475-0000	Pump certification 750-2250 GPM	1
PUMP OPTIONS		
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
4015-0098	Manual operated master pump drain. The master drain shall be clearly marked and placed in accessible location on pump panel.	1

Salescode	Extended Description	Qty
PUMP OPTIONS		
4015-0139	Darley Pump Overheat Thermal relief valve shall be provided with a light located on pump operator's panel.	1
4015-0150	Darley pump shift override.	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 large engine air compressor.	1
INTAKES		
4440-0005	2.5" Left Intake Akron Manual Valve.	1
4440-0006	2.5" Right intake Akron manual valve.	1
4440-0061	5" front intake w/5" Akron electric actuated valve and relief.	1
INTAKE OPTIONS		
4445-0004	Front intake swivel 5" polished chrome.	1
4445-0048	Intake pressure relief valve, Task Force Tips.	1
DISCHARGES AND PRECONNECTS		
4415-0014-581	2.5" Left Pump Panel Discharge Akron Manual Valve. Location: left side discharge 1.	1
4415-0016-584	2.5" Right Pump Panel Discharge Akron Manual Valve. Location: right side discharge 2.	1
4415-0022-350	2.5" Left Rear Discharge Akron Manual Valve. Location: left rear discharge.	1
4415-0034-583	3" Right Pump Panel Discharge Akron Manual Valve (Waterous pumps noted location to be forward lower port). Location: right side discharge 1.	1
4415-0041	3" Deck Gun Discharge, Akron manual valve.	1
4415-0065	1.5" Double Speedlay with Akron Manual Valves.	1
4417-0106-685	Deck gun piping to be positioned driver side of hose bed storage pan.	1
DISCHARGE OPTIONS		
4417-0175	Innovative Controls push/pull valve controls with locking T handles.	1
4417-0176	Innovative Controls 3/4" bleeder/drain valve include lift lever with ergonomic grip.	7
4417-0185	Innovative Controls discharge and intake bezels with integral color code and verbiage for side mount pump panel.	1
PRESSURE GOVERNORS		
4465-0018	FRC InControl pressure governor TGA400. Includes engine, transmission, and	1

Salescode	Extended Description	Qty
PRESSURE GOVERNORS		
	master pump gauges.	
GAUGES		
4435-0244	2.5" Innovative Controls brass case pressure gauge (0-400) with color code bezel.	7
4435-0252	Innovative Controls SL Plus series foam tank level gauge (foam tank A).	1
4435-0256-527	Innovative Controls SL Plus series tank gauge w/SL Plus Monster tank level gauge package. Location of SL Plus Monster Lights: each side of cab rear of front doors.	1
FOAM SYSTEMS		
4430-0061	FoamPro 3012 foam system, hydraulics PTO driven.	1
4430-0079	The foam system performance shall be tested and certified in compliance with the applicable NFPA 1901 requirements.	1
FOAM SYSTEM OPTIONS		
4432-0053-350	Foam system plumbed to left rear discharge.	1
4432-0053-562	Foam system plumbed to 1.5 first speedlay.	1
4432-0053-563	Foam system plumbed to 1.5 second speedlay.	1
4432-0191-282	FoamPro off-board pickup. Includes clear hose wand (ship loose). Controller on operator panel and connection port located driver's side pump panel.	1
ELECTRICAL SYSTEMS		
5010-0013-E91	Vehicle data recorder - 2009 / 2016 NFPA compliant. Includes occupant detection with display. Display location: Driver side of center dash electrical cover.	1
5010-0024	Modem for use with the E-ONE multiplex electrical system.	1
5010-0036	V-MUX Electrical system for pumper / tanker / rescue.	1
5010-0059-339	VFD Text display for V-MUX electrical system. Location: center of dash.	1
LIGHT BARS		
5300-0505	Whelen MK8H 5" high mount for front light bar (PR).	1
5300-0506-000-4V	Light bar LED color: Red/White with clear lenses	1
5300-0507	Light bar Whelen Freedom IV Model F4X7 72" with 14 LED modules. Location: Centered on the front cab roof.	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
5300-0519	Whelen MK8H 5" high mount for mini side facing light bars (4).	1

Salescode	Extended Description	Qty
WARNING LIGHT PACKAGES		
5550-0225-535	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, centered in rear wheel well, and side facing at rear of body in rubrail if equipped.	1
WARNING LIGHTS		
5600-0241-463	Warning light Whelen M6R series Linear Super LED (PR) red. Location: (1) each side in front quad inboard of NFPA warning light.	1
5600-0241-467	Warning light Whelen M6R series Linear Super LED (PR) red. Location: (1) each side above tail lights.	1
5600-0258-G98	Warning light Whelen M9RC series Super LED (PR) red with clear lens. Location: (1) each side of body on forward upper body corners.	1
5600-0275-457	Warning light Whelen M6AC series Linear Super LED (PR) amber with clear lens. Location: (1) each side of body rear facing up high.	1
5600-0286-457	Warning light Whelen M6RC series Super LED (PR) red with clear lens. Location: (1) each side of body rear facing up high.	1
5600-0286-G99	Warning light Whelen M6RC series Super LED (PR) red with clear lens. Location: (1) each side of body on rearward upper body corners.	1
5600-0302-470	Warning light Whelen M2 Super LED warning lights. Includes (2) red M2RC LED light heads with clear lenses and chrome flanges (if applicable). Location: (1) each side rear facing corners of tailboard in rubrail if equipped.	1
5600-0302-471	Warning light Whelen M2 Super LED warning lights. Includes (2) red M2RC LED light heads with clear lenses and chrome flanges (if applicable). Location: (1) each side just behind rear wheels in rubrail if equipped.	1
5600-0437-170	Hazard (door ajar) light Whelen M2WR red LED w/black bezel. Location: center overhead.	1
DIRECTIONAL LIGHT BARS		
3340-0125	Directional light bar to be recess mounted. Located on rear area of body.	1
5310-0017	Whelen Traffic Advisor model TAL65 LED - 36" long.	1
5310-0020-170	Directional light bar control is to be located in the center overhead.	1
5310-0025	Directional light circuit wiring through upper level warning.	1
SIRENS		
5500-0011-209	Federal Q2B siren - Pedestal mounted on bumper. Location: driver side front bumper.	1
5500-0015	Whelen model 295SLSA1 siren with microphone (replaced 295HFSA1).	1
5500-0024-846	The electronic siren control is to be located on the center overhead console offset	1

Salescode	Extended Description	Qty
SIRENS		
	to driver side.	
SPEAKERS		
5510-0029-B21	Speaker, Federal Signal Dynamax ES100 with "E-ONE" grille through bumper. Location: driver side front bumper inboard of frame.	1
5510-0029-B22	Speaker, Federal Signal Dynamax ES100 with "E-ONE" grille through bumper. Location: officer side front bumper inboard of frame.	1
DOT LIGHTING		
5150-0017	License plate light LED with chrome housing located at the rear of the body.	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
5150-0151	Marker light package cab / body LED. Body lights to be .75" Dia TecNiq for custom pumps and tankers.	1
LIGHTS - COMPARTMENT, STEP & GROUND		
5380-0182	Ground light package EON LED - large.	1
5380-0247	Compartment light ROM V4 LED for medical cabinet (EA).	2
5380-0252	Compartment light package ROM V4 LED for medium bodies. Includes two lights per compartment (four if transverse).	1
5380-0323	The auxiliary steps below the cab doors to have EON LED lights to illuminate the stepping surface and ground below (TPO lights indicated in the main ground light package).	1
LIGHTS - DECK AND SCENE		
5390-0036	Hose bed light circuit wiring through chassis reverse. Requires hose bed light.	1
5390-0089	Hose bed light Whelen PFBP12C LED. Locate center front of hose bed. Switched with work light switch in cab.	1
LIGHTS - NON-WARNING		
5400-0003	Engine compartment light (EA).	1
5400-0011	LED pump compartment light (EA).	1
5400-0039	Spotlight Specialty 2150 hand held located on officer's side of cab dash - hardwired.	1
5400-0065-166	Map light, Littlite 18" flexible LED. Location: at officer's A post.	1
5400-0137	Pump panel LED light package for side mount eMAX. Includes (6) TecNiq EON lights with S/S housings, located (3) each side above lower side intake/discharge	1

Salescode	Extended Description	Qty
LIGHTS - NON-WARNING		
panels. Includes S/S light shields, SM eMAX only.		
CONTROLS / SWITCHES		
5100-0006-198	Foot switch to control Q2B located driver's side.	1
5100-0125	Door ajar indicator switches for all SCBA air bottle storage compartment doors on cab wired to "Door Open" indicator inside cab.	2
CAMERAS / INTERCOM		
5350-0103-X09	The back-up camera monitor is to be located on the center dash offset driver.	1
5350-0118	Camera backup Federal Signal LCD model CAMSET70-NTSC-4 with monitor.	1
5350-0271	Federal Signal (Sony) officer's side camera. 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
MISC ELECTRICAL		
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
LIGHTS - QUARTZ		
5450-0122-437	Light Whelen Pioneer Plus model PFP2 12V with brow mount (EA). Includes switch in cab accessible to driver (driver and officer side facing lights switched separately). Location(s): driver and officer side front cab brow.	2
5450-0122-493	Light Whelen Pioneer Plus model PFP2 12V with brow mount (EA). Includes switch in cab accessible to driver (driver and officer side facing lights switched separately). Location(s): driver and officer side over rear cab door.	2
5450-0143-433	Light Whelen 12V Pioneer model PFP2 with PBA203 recess mount. Includes switch accessible to driver (side facing lights switched separately). Location: driver side forward area recessed into roof top compartment raise.	1
5450-0143-434	Light Whelen 12V Pioneer model PFP2 with PBA203 recess mount. Includes switch accessible to driver (side facing lights switched separately). Location: driver side rearward area recessed into roof top compartment raise.	1
5450-0143-435	Light Whelen 12V Pioneer model PFP2 with PBA203 recess mount. Includes switch accessible to driver (side facing lights switched separately). Location: officer side forward area recessed into roof top compartment raise.	1
5450-0143-436	Light Whelen 12V Pioneer model PFP2 with PBA203 recess mount. Includes switch accessible to driver (side facing lights switched separately). Location:	1

Salescode	Extended Description	Qty
LIGHTS - QUARTZ		
5450-0172-Q01	officer side rearward area recessed into roof top compartment raise. Light Whelen Pioneer Plus model PFP1 12V with vertical bail mount. Includes switch in cab accessible to driver (side facing lights switched seperately). Location(s): driver side rear of body up high.	1
5450-0172-Q02	Light Whelen Pioneer Plus model PFP1 12V with vertical bail mount. Includes switch in cab accessible to driver (side facing lights switched seperately). Location(s): officer side rear of body up high.	1
RECEPTACLES		
5470-0004-K62	Receptacle household 20A/110V duplex 3-prong NEMA 5-20 with cover plate interior mounted wired to inlet receptacle. Location: R4 high on forward wall.	1
MISC LOOSE EQUIPMENT		
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
EXTERIOR PAINT		
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
8100-0116	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-R5	Paint E-ONE chassis cab - Sikkens paint. Color: FLNA3225 Red (Sikkens published).	1
8100-0177-000-35	Paint cab Sikkens two-tone. Upper area of cab to be painted FLNA4145 Black.	1
8100-0182-000-R5	Paint Body - Small - For Pumps, Rear Mounts, S/A Tankers/Wetsides and Rescues. Sikkens paint. Color: FLNA3225 Red (Sikkens published).	1
8100-0416	Front cab grille mesh painted with the waving United States flag.	1
8100-0495	LINE-X: One or more components installed on this unit shall have LINE-X coating. Color shall be Black unless otherwise specified.	1
INTERIOR PAINT		
8150-0011	The interior of the cab to be painted Zolatone gray.	1
STRIPING		
8300-0001	NFPA required reflective striping to be dealer/customer applied.	1
8300-0042	White rubrail scotchlite insert.	1
8300-0071-000-12	Paint break Scotchlite chassis stripe - 3/4" Wide - White. To be located at existing paint break.	1

Salescode	Extended Description	Qty
STRIPING		
8300-0273-000-J7	Chevron "A" style 6" Reflexite V98 striping on front bumper. Colors to be Red/Fluorescent Yellow Green.	1
8300-0274-000-J7	Chevron "A" style 6" Reflexite V98 striping full width on rear of body. Includes rear facing extrusions, panels and doors. Colors to be Red/Fluorescent Yellow Green.	1
8300-0313	Yellow line to indicate designated standing / walking areas above 48" high in compliance with 2016 NFPA 1901. Line to be 1" wide. Steps, ladders and areas with a railing or structure at least 12" high are excluded from requiring the line.	1
WARRANTY / STANDARD & EXTENDED		
9100-0000	Standard 1 Year Warranty.	1
9100-0003	Lifetime Frame 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
9100-0091	20 Year frame component corrosion warranty. Includes front frame extensions, crossmembers, battery tray brackets and rear underbody support (if applicable).	1
SUPPORT, DELIVERY, INSPECTIONS AND MANUALS		
9300-0009	Manuals, Operator and Service CD-ROM.	1
9300-0016	Approval Drawings-Standard.	1
9300-0316	Fire Apparatus Safety Guide published by FAMA, latest edition.	1
Dealer Supplied Equipment		