

VILLAGE OF DOWNERS GROVE
Report for the Village
12/13/2022

SUBJECT:	SUBMITTED BY:
Authorization for the Purchase of a Replacement Ladder Truck	Scott Spinazola Fire Chief

SYNOPSIS

A resolution has been prepared authorizing execution of an agreement with Fire Services, Inc. for the purchase of a 2024 E-ONE Cyclone Rear Mount 100' Platform Quint Apparatus (E-One Truck) in the amount of \$1,646,755.00, plus a \$100,000.00 contingency for a total not to exceed amount of \$1,746,755.00, and to authorized the disposal of the Village's current 2011 Smeal 100' Rear Mount Platform Ladder Truck.

STRATEGIC PLAN ALIGNMENT

The goals for 2021-2023 include *Steward of Financial, Environmental and Neighborhood Sustainability*.

FISCAL IMPACT

The purchase price for the E-One Truck is \$1,646,755.00, and the trade-in amount for the Village's current ladder truck is \$75,000, which adjusts the final purchase price to \$1,571,755. Staff is also requesting \$100,000.00 contingency. The amount of this purchase will be included in the proposed FY24 budget, when it is anticipated the Village will take possession of and pay for the E-One Truck. The funding plan for the Equipment Replacement Fund anticipates this purchase in FY24.

RECOMMENDATION

UPDATE & RECOMMENDATION

This item was discussed at the December 6, 2022 Village Council meeting. Staff recommends approval on the December 13, 2022 Consent Agenda.

BACKGROUND

The Village purchased its current Smeal 100' Rear Mount Platform Ladder Truck in 2011. The ladder truck is an essential apparatus and serves multiple functions including but not limited, to EMS responses and fire suppression activities by providing for the application of water streams at an elevated level and providing for a working platform from which tasks such as rescue, ventilation and overhaul can be completed. The ladder truck is centrally located at Station 102 at 5420 Main Street to maximize its response to residence.

The Village issued an RFP earlier this year, and after evaluating the responses determined that the E-One Truck is best suited for the needs of the Village.

ATTACHMENTS

Resolution
Agreement

RESOLUTION NO. 2022-98

**A RESOLUTION AUTHORIZING EXECUTION OF A SALES CONTRACT
BETWEEN THE VILLAGE OF DOWNERS GROVE
AND FIRE SERVICE, INC.**

BE IT RESOLVED by the Village Council of the Village of Downers Grove, DuPage County, Illinois, as follows:

1. That the form and substance of a certain Sales Contract (the “Contract”), between the Village of Downers Grove (the “Buyer”) and Fire Service, Inc. (the “Company”), for a 2024 E-ONE Cyclone Rear Mount 100' Platform Quint Apparatus (“E-One Apparatus), as set forth in the form of the Contract submitted to this meeting with the recommendation of the Village Manager, is hereby approved.

2. That the Village Manager and Village Clerk are hereby respectively authorized and directed for and on behalf of the Village to execute, attest, seal and deliver the Contract, substantially in the form approved in the foregoing paragraph of this Resolution, together with such changes as the Manager shall deem necessary.

3. That pursuant to the home-rule powers of the Village, and the Illinois Municipal Code (65 ILCS 5/11-76-4) the Village Council finds that the 2011 Smeal 100' Rear Mount Platform Ladder Truck now owned by the Village of Downers Grove will no longer be necessary or useful to the Village, and the best interests of the Village will be served by its sale after delivery and acceptance of the new 2024 E-One Apparatus.

4. That the Village Manager is authorized and directed to dispose of the 2011 Smeal 100' Rear Mount Ladder Truck now owned by the Village of Downers Grove in accordance with the terms and provisions set forth in the Contract.

5. The Village Manager is hereby authorized and directed to convey and transfer title to the 2011 Smeal 100' Rear Mount Ladder Truck upon acceptance of the new 2024 E-One Apparatus.

6. That all resolutions or parts of resolutions in conflict with the provisions of this Resolution are hereby repealed.

7. That this Resolution shall be in full force and effect from and after its passage as provided by law.

Mayor

Passed:

Attest: _____
Village Clerk



SALES CONTRACT

This agreement made by and between **FIRE SERVICE, INC** (Company) and (Buyer
or Village)

Village of Downers Grove

(Legal Name of Buyer)

801 Burlington Ave, Downers Grove, IL, 60515

(Address, City, State, Zip Code)

1. **ACCEPTANCE:** The “Company” agrees to sell and the “Buyer” agrees to purchase the apparatus and equipment described in the E-ONE Fire Service, Inc. specifications as an **E-ONE Cyclone Rear Mount 100’ Platform Quint Apparatus (Apparatus)** made part of this contract, in accordance with the terms and conditions listed on contract pages 1, 2, 3 & 4.

DELIVERY: The apparatus shall be delivered to Downers Grove, IL no later than September 30, 2024.

The Company agrees to provide the Buyer written monthly status reports regarding the progress and timeline of the apparatus production.

If inability to obtain exclusive or brand name materials causes completion or delivery problems, the Company shall advise the Buyer of said problem. The Company resolves to examine alternative sources of said material. Material substitutions shall be mutually agreed upon by the Buyer and the Company. No substitutions shall be made without the execution of a written change order by the Buyer.

3. **CHANGE ORDERS:** Changes to the contract may be requested by the Buyer after the execution of the contract according to Section 2 of this document. Any change orders will delay production time. Changes shall be reviewed for cost and schedule impact by the Company. Changes shall be sequentially numbered and are not considered approved until a change order from both parties is signed. Change Orders shall be prepared by the Company and executed by the Buyer. The price of the apparatus shall be adjusted to take into account any Change Orders. **Any and all Change Orders will extend the completion and delivery of the apparatus.**
4. **SPECIFICATIONS:** The Company agrees that all materials, workmanship, and warranties in and about this apparatus shall comply with the E-ONE Fire Service, Inc. Proposal dated August 26, 2022, as amended on November 28, 2022, and all authorized change orders indicated on



Component List the Pre-Order Additions/Deletions Form, dated November 28, 2022, all attached hereto and incorporated herein as Group Exhibit A.

5. **WARRANTY:** The Warranties in and about this apparatus shall comply with the hereto attached E-ONE\Fire Service, Inc. Proposal dated August 26, 2022, as amended on November 8, 2022 and November 28, 2022. In addition to said warranties, in the event the Apparatus is out of service, through no fault of the Village, for fifty percent (50%) or more of the time within eighteen (18) months from the date of delivery to the Village, the Village shall have the option to return the Apparatus to the Company and the Company shall be required to accept the return of the Apparatus and reimburse the Village for the full final purchase price of the Apparatus within thirty (30) days of a demand therefor.
6. **PRICE:** The Buyer shall pay, as a purchase price for the apparatus, the sum of **\$ 1,646,755.00**. Any additional change orders that will increase the agreement price in excess of this amount must be approved in writing by both parties. The Village is exempt from any and all sales and use tax for direct purchases of materials and supplies.
7. **TERMS OF PAYMENT:**
- a) **Terms of payment:** The above amount is due at the time of delivery and acceptance of the apparatus.
- | | |
|-----------------------|--|
| \$1,646,755.00 | Specification Price |
| \$ (75,000.00) | Trade-in value for 2011 Smeal 100 foot rear mount platform |
| \$1,571,755.00 | Final Purchase Price |
- The purchase price payment reflects US dollars shall be paid at time of final acceptance by the Village. The acceptance shall be signed by both the buyer and seller.
- b) No payment of any amount shall be made payable to a sales representative without written approval from the company.
- c) It is agreed that the apparatus and equipment covered by this contract shall remain the property of the Company and not be placed in service until the entire contract price has been paid.
- d) A copy of the Buyer's tax-exempt certificate, if applicable, shall be submitted with this signed contract.
- e) A Fire Service, Inc. Title Information form attached as Exhibit B, properly filled out, and submitted with this contract.



8. **DELIVERY:** During the manufacturing of the Apparatus, the Village shall have the right to inspect, by its authorized representatives, any material, components or workmanship as herein specified. Materials, components or workmanship that have been rejected by the Village as not in accordance with the terms of the contract specifications shall be replaced by the Company at no cost to the Village. Prior to acceptance of the Apparatus by the Village, the Village shall then inspect the completed Apparatus upon delivery and shall give written notice of any defects within ten (10) business days.
9. **CANCELLATION:** This contract is subject to cancellation by Buyer only upon payment to Company of reasonable cancellation charges, which shall take into account expenses already incurred by Company.

This contract, to be binding, must be signed by an officer of **Fire Service, Inc** or a person authorized, in writing, by **Fire Service, Inc.** to do so.

10. **PERFORMANCE BOND:** Company shall provide a performance bond, in a form approved by the Village, in an amount equal to the final purchase price. The Village agrees that the performance bond shall be deemed fully released upon the Village's acceptance of the Apparatus and the warranty period shall commence to cover the Apparatus. No surety of any performance bond given by the Company to the Buyer in connection with this Agreement shall be liable for any obligation of the Company arising under the Standard Warranty.
11. **Equal Employment Opportunity**

During the performance of this Agreement, the Company agrees as follows:

1. That it will not discriminate against any employee or applicant for employment because of race, color religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.
2. That, if it hires additional employees in order to perform this Agreement or any portion thereof, it will determine the availability (in accordance with the Department's Rules and Regulations) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
3. That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age,



physical or mental handicap unrelated to ability, or an unfavorable discharge from military service.

4. That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Consultant's obligations under the Illinois Human Rights Act and the Department's Rules and Regulations. If any such labor organization or representative fails or refuses to cooperate with the Consultant in its efforts to comply with such Act and Rules and Regulations, the Consultant will promptly so notify the Department and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder.
5. That it will submit reports as required by the Department's Rules and Regulations, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations.
6. That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and the Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Department's Rules and Regulations.

12. Sexual Harassment

Company, as a party to a public contract, certifies that it has a written sexual harassment policy in accordance with State and federal law.

13. Drug Free Work Place

Company, as party to a public contract, certifies and agrees that it will provide a drug free workplace policy and will provide a drug-free workplace, in accordance with State and federal law.

14. Non-Discrimination

Company, its employees and subcontractors, agree not to commit unlawful discrimination and agree to comply with applicable provisions of the Illinois Human Rights Act, the Public Works Employment Discrimination Act, the U.S. Civil Rights Act and Section 504 of the Federal Rehabilitation Act, and rules applicable to each. The equal opportunity clause of the Department of Human Rights rules is specifically incorporated herein.

The Americans with Disabilities Act (42 U.S.C. 12101) and the regulations thereunder (28 CFR 35.130) (ADA) prohibit discrimination against persons with disabilities by the State, whether



directly or through contractual arrangements, in the provision of any aid, benefit or service. As a condition of receiving this Agreement, the undersigned vendor certifies that services, programs and activities provided under this Agreement are and will continue to be in compliance with the ADA.

15. Campaign Disclosure Certificate

The Consultant shall comply with the Campaign Disclosure Certificate attached hereto and incorporated herein by reference as Exhibit C.

16. Patriot Act Compliance

Company represents and warrants to the Village that neither it nor any of its principals, shareholders, members, partners, or affiliates, as applicable, is a person or entity named as a Specially Designated National and Blocked Person (as defined in Presidential Executive Order 13224) and that it is not acting, directly or indirectly, for or on behalf of a Specially Designated National and Blocked Person. The Company further represents and warrants to the Village that the Company and its principals, shareholders, members, partners, or affiliates, as applicable are not, directly or indirectly, engaged in, and are not facilitating, the transactions contemplated by this Agreement on behalf of any person or entity named as a Specially Designated National and Blocked Person. The Company hereby agrees to defend, indemnify and hold harmless the Village, and its elected or appointed officers, employees, agents, representatives, engineers and attorneys, from and against any and all claims, damages, losses, risks, liabilities and expenses (including reasonable attorney's fees and costs) arising from or related to any breach of the foregoing representations and warranties.

17. Cooperation with FOIA Compliance

Company acknowledges that the Freedom of Information Act may apply to public records in possession of the Consultant. Consultant shall cooperate with the Village in its efforts to comply with the Freedom of Information Act. 5 ILCS 140/1 et. seq.

18. Copyright or Patent Infringement

The Company agrees to indemnify, defend, and hold harmless the Village against any suit, claim, or proceeding brought against the Village for alleged use of any equipment, components, systems, or services provided by the Company that constitutes a misuse of any proprietary or trade secret information or an infringement of any patent or copyright.

19. Indemnification

The Company will indemnify and hold harmless the Village and its officers, employees and agents from any and all liability, losses or damages the Village may suffer as a result of claims,



demands, suits, actions or proceedings of any kind or nature in any way resulting from or arising out of negligent action on the part of the Company under this Agreement. This indemnification does not apply to liability caused by the Village's own negligence. This provision shall survive termination of this Agreement.

20. Governing Law

This Agreement will be governed by and construed in accordance with the laws of the State of Illinois. Venue is proper only in the County of DuPage.

21. Successors and Assigns

The terms of this Agreement will be binding upon and inure to the benefit of the parties and their respective successors and assigns; provided, however, that neither party will assign this Agreement in whole or in part without the prior written approval of the other.

22. Waiver of Contract Breach

The waiver by one party of any breach of this Agreement or the failure of one party to enforce at any time, or for any period of time, any of the provisions hereof will be limited to the particular instance and will not operate or be deemed to waive any future breaches of this Agreement and will not be construed to be a waiver of any provision except for the particular instance.

23. Amendment

This Agreement will not be subject to amendment unless made in writing and signed by all parties.

24. Severability of Invalid Provisions

If any provisions of this Agreement are held to contravene or be invalid under the laws of any state, country or jurisdiction, contravention will not invalidate the entire Agreement, but it will be construed as if not containing the invalid provision and the rights or obligations of the parties will be construed and enforced accordingly.

25. Assignment

The Company will not assign or subcontract any portion of this Agreement, unless the Village agrees to the assignment or subcontract in writing. Any assignment will not relieve the Company from its obligations or change the terms of this Agreement.

26. Notice



Any notice will be in writing and will be deemed to be effectively served when deposited in the mail with sufficient first class postage affixed, and addressed to the party at the party's place of business. Notices shall be addressed to designated representatives of both parties as follows:

Village Manager
Village of Downers Grove
801 Burlington Avenue
Downers Grove, IL 60515

Fire Service, Inc.
9545 North Industrial Drive
Saint John, Indiana 46373

27. Disadvantaged Business Enterprise (DBE) Certification

Pursuant to 35 ILCS 200/18-50.2, Company and all subcontractors are required to complete and submit a Vendor DBE certification, regardless of DBE status. Company shall complete and require all its subcontractors to complete the DBE certification for this project at www.downers.us/vss. The information necessary for the Company and all subcontractors to complete the certification includes the following: DBE Classification (minority-owned, women-owned, persons with disabilities-owned, veteran-owned, or none); if DBE, whether the company holds a certificate or self-certifies; if self-certifying, whether the company qualifies as a small business under the U.S. Small Business Administration standards; the company's name, address, city, state and zip code; company's contact person's name, title, telephone number and email address. NO PAYMENTS WILL BE MADE TO THE COMPANY BY THE VILLAGE UNLESS AND UNTIL ALL OF THE CERTIFICATIONS FOR THE COMPANY AND SUBCONTRACTORS HAVE BEEN COMPLETED.

28. Village Ordinances

The Company will strictly comply with all ordinances of the Village of Downers Grove and laws of the State of Illinois.

29. Use of Village's Name

The Company is specifically denied the right of using in any form or medium the name of the Village for public advertising unless express permission is granted by the Village.



IN WITNESS WHEREOF, the Parties have executed this Agreement on the date indicated above.

IN WITNESS WHEREOF, the Buyer and the Company have caused this contract to be executed by their duly authorized representatives.

COMPANY	BUYER
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Fire Service, Inc.
9545 North Industrial Drive
Saint John, Indiana 46373
219-365-7157 Phone
219-365-8572 Fax

Village of Downers Grove
801 Burlington Ave.
Downers Grove, IL. 60515

BY: Jim Castellano
 NAME: Jim Castellano
 TITLE: VP of Sales
 DATE: 12/1/2022

BY: _____
 NAME: _____
 TITLE: _____
 DATE: _____

1\mw\agr.22E-one Tower Truck



Group Exhibit A



November 28, 2022

Chief Scott Spinazola
 Downers Grove Fire Department
 5420 Main Street
 Downers Grove, IL. 60515

Re: E-ONE Platform Purchase

Thank you for your continued interest in E-ONE Emergency Response Apparatus.

As a result of recent meetings with the Apparatus Committee, the original design of the apparatus has changed and the following **revised proposal** is submitted for your consideration. The revised design has not had a complete engineering review completed by E-ONE and possibly not all design changes may be capable of being completed.

Apparatus Purchase

Purchase of the new vehicle with a trade-in allowance for the Village's current 2011 Smeal Aerial Ladder Platform Quint.

Purchase Price \$1,646,755.00

Trade-In Allowance \$75,000.00

Adjusted Purchase Price \$ 1,571,755.00

Delivery will be F.O.B. Downers Grove, IL. and will be made approximately August 29, 2024 after receipt of an executed Fire Service, Inc. Purchase Agreement by both parties. Terms of payment are cash upon delivery unless otherwise stated, in the Purchase Agreement .

The above pricing information does not include any loose equipment for the apparatus not described in the specifications. Associated delivery charges, a Factory Prebuild Trip to E-ONE, a Factory In-Process Trip to E-ONE, and a Factory Final Inspection to E-ONE are included as a part of this proposal.

Fire Service, Inc. Locations:

9545 N. Industrial Dr. St. John, IN 46373	1719 S. Franklin Rd. Indianapolis, IN 46239	105 S. Industrial Drive Lake Mills, WI 53551
1743 Quincy Avenue Naperville, IL 60540	1805 High Grove Ln. Naperville, IL 60540	



The trips shall include four (4) members of the Downers Grove Fire Department.

Note: the above pricing shall be valid for thirty (30) days.

It should be noted that the final purchasing price of the apparatus may change based upon any changes that may be requested to the design of the apparatus. The Village of Downers Grove Fire Department shall be advised of any such changes and any such changes but be authorized and approved by the Village in writing.

Apparatus Trade-In

Trade-in of your existing 2011 Smeal 100' Rear Mount Aerial Platform is being offered through Fire Service, Inc. A current ladder test, current ladder inspection, and apparatus in working condition will be required at time of trade-in. The trade-in value amount shall be deducted from the final invoice amount.

Sincerely,

Gregory R. Hansen
Apparatus Sales Representative

Fire Service, Inc. Locations:

9545 N. Industrial Dr.
St. John, IN 46373

1719 S. Franklin Rd.
Indianapolis, IN 46239

105 S. Industrial Drive
Lake Mills, WI 53551

1743 Quincy Avenue
Naperville, IL 60540

1805 High Grove Ln.
Naperville, IL 60540



Fire Apparatus Quotation for: DOWNS GROVE FIRE DEPARTMENT



Quotation Number: 119740 Rev: 47

Unit Description: AERM-CYCN-100P

Quote Description: Aerial, Rear Mount, Aluminum, Cyclone, HP 100 Platform

Salesperson: GREGHANSEN

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 - 600 ft. of 5.00 LDH Estimated Weight - 690 lbs.
3340-1137-12C	Equipment allowance on the apparatus shall be 2500 lbs. This allowance is in addition to the weight of the hoses and ground ladders listed in the shop order as applicable.	1	
INSPECTIONS AND PENALTIES			
1002-0001	Final inspection trip.	1	
1002-0002	Mid point inspection trip.	1	
BUMPERS			
1160-0008	3/16" Front Bumper Gravel Shield.	1	
1160-0015	24" Front Bumper Gravel Shield Extension.	1	
1160-0345	Heavy duty, formed, 10" front bumper with full wrap around. Corners to be tapered for an 8.5" wide mounting area. Includes support wings for outboard sides (as applicable). To be painted as specified.	1	
1160-0347-198	Bumper to have a 5.625" deep x 10.5" wide notch for recessed mechanical siren. Location: driver's side	1	
BUMPER TRAYS			
1150-0103	Diamond plate lid for center hose tray 5.25" high with chrome grab handle, rubber hood latch, gas shock and water stop angle.	1	
1150-0104	Diamond plate lid for officer hose tray. 5.25" high with chrome grab handle,	1	

Salescode	Extended Description	Qty	
BUMPER TRAYS			
	rubber hood latch, gas shock and water stop angle.		
1150-0120	Bumper tray center of bumper with slats 12 inches deep (approx 11 inches to slats).	1	
1150-0123	Bumper tray officer's side with slats 12 inches deep (approx 11 inches to slats).	1	
FRAME ASSEMBLY			
1250-0092	GEOMET coated frame assembly fasteners.	1	
1250-0098	Frame - Torque box for HP 100 platform (100KSI).	1	
AXLE OPTIONS			
1025-0028	Koni shock absorbers for front axle - adjustable.	1	
1025-0038	Meritor RT-58-185 rear tandem axle 62,000 lb. capacity.	1	
1025-0171	Dana D-2200W 24,000 lb. front axle. Includes maintenance free bushings. For use with disc brakes only.	1	
SUSPENSIONS			
1070-0002	Rear suspension springs 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	
TIRE OPTIONS			
1060-0023	Eight Michelin 315 rear tires with XDN2 GRIP all weather tread.	1	
1060-0046	Two Michelin 425 tires model XFE for front axle.	1	
1060-0113	Intermittent service tire rating.	1	
1060-0119	RWC AirGuard LED tire pressure monitoring valve stem caps (10) for tandem rear axle applications.	1	
BRAKE SYSTEMS			
1100-0006	Parking brake release mounted on the driver's side lower dash.	1	

Salescode	Extended Description	Qty	
BRAKE SYSTEMS			
1100-0008	Brake system air 6X4/6X6.	1	
1100-0014	ArvinMeritor 16-1/2" x 7" S-cam brakes with cast brake drums for a tandem rear axle.	1	
1100-0026	G4 Electronic Stability Control (6x4), Includes RSC and ATC. Not available on 6x6 or commercial chassis.	1	
1100-0031	Dana/Bendix ADB22X 17" disc brakes for front axle.	1	
AIR SYSTEM OPTIONS			
1110-0000-001	Inlet for air system. Location: driver door jamb.	1	
1110-0002	Air dryer Bendix AD-9.	1	
1110-0006	Air lines nylon.	1	
1110-0026	Air horns Hadley e-tone recessed in bumper (PR).	1	
ENGINES & TRANSMISSIONS			
1200-0017	Push-button transmission shift selector.	1	
1200-0021	TranSynd, Shell Spirax S6ATF A295, or equivalent synthetic transmission fluid for EVS4000 series.	1	
1200-0096	Electronic speed limiting set at 60 MPH. Note: Axle gear ratio will be as low as possible while allowing for 60 MPH top speed to improve acceleration.	1	
1200-0422	Eng/Trans Cummins X12 500HP with EVS4000 transmission. 2021 EPA Compliant.	1	
SECONDARY BRAKING			
1125-0002	Jacobs engine compression brake.	1	
EXHAUST OPTIONS			
1225-0060	Exhaust end with fresh air vent for Plymovent exhaust extraction system.	1	
COOLING PACKAGE			
1800-0013	Cooling system for use with Typhoon, Cyclone and Quest chassis. For use with 2010 - 2021 EPA engines. Includes coolant recovery system.	1	
FUEL SYSTEMS			
1350-0005	Fuel system 65 gallons.	1	
1350-0022	Fuel line hose rubber.	1	
ALTERNATOR			
1700-0026	Alternator Leece Neville 350 amp. 350 amp SAE/318 amp NFPA.	1	

Salescode	Extended Description	Qty	
BATTERIES			
1400-0002	Battery four group 31 1000 CCA.	1	
CHASSIS OPTIONS			
1680-0005	Thermatic fan clutch.	1	
1680-0007	Drivelines 1810. Required on 1550 lb/ft torque or greater engines. N/A with EVS3000 transmission.	1	
1680-0008	Tow eyes front painted below bumper/cab (PR).	1	
1680-0012	Tow eyes rear frame painted black.	1	
1680-0017	Hot shift PTO.	1	
1680-0188	Aerial hydraulics installed on bottom port of EVS4000/4500 transmission (to allow for flat rear cab floor).	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	
CAB MODEL			
1520-0244	Cyclone long cab - 100" wide (67.5" CA).	1	
CAB ROOF TYPE			
1615-0022	Cab roof to have 12" high split raised rear section with full length center waterway trough. For use with rear mount aerial.	1	
CAB BADGE PACKAGE			
1610-0000	Cab and body to have applicable E-ONE logos.	1	
CAB DOOR OPTIONS			
1550-0003	Rear crew cab doors in the medium position.	1	
1550-0080-000-G6	Red/Lemon Yellow chevron "A" printed stripe on lower cab door panel approx 12" high. Stainless steel/painted door panels only. E-ONE cabs only.	1	
1550-0083	All cab exterior entry doors to have CH751 keyed locks.	1	
1550-0159	Interior cab door locks - manual. Will be individually actuated from each respective door. Includes key lock on each exterior cab door handle.	1	
1550-0185	Cab door panels aluminum painted Zolatone to match cab interior paint. Includes upper and lower panels with seam below handrail.	1	
1550-0283	Driver and officer cab door windows with manual regulators. For use with new Typhoon and 100" wide Cyclone cabs.	1	
1550-0284	Rear crew cab door window(s) with manual regulator(s). For use with new Typhoon and 100" wide Cyclone cabs.	1	

Salescode	Extended Description	Qty	
CAB DOOR OPTIONS			
1550-0287	Cab doors to be barrier style. For use with new Typhoon cab and 100" wide Cyclone only.	1	
1550-0377	All cab doors shall have exterior pull style handles with integral key lock (glass reinforced nylon).	1	
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 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	
1640-0047	Lower steps to extend 3.5" past cab. For use with legacy Typhoon / Cyclone with barrier style doors and 2019 Typhoon / 100" wide Cyclone with barrier style or extended doors.	1	
MIRRORS			
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	
1670-0091	Cab mirrors to have black finish IPOS. (Does not apply to tubular S/S arms)	1	
MISC EXTERIOR CAB OPTIONS			
1550-0020	Windows cab side fixed driver's side.	1	
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	
1675-0046	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	

Salescode	Extended Description	Qty	
MISC EXTERIOR CAB OPTIONS			
1675-0214	Rubber fenderettes in place of standard fender.	1	
HVAC			
1515-0053	Controls for heating and air conditioning shall be located in the center dash area. (Lower area on Typhoon and Cydone with severe duty dash)	1	
1515-0102	Air conditioning with roof top mounted condenser. Includes reduced profile evaporator w/powder coated cover and electronic controls.	1	
1685-0057	Heaters cab rear with covers (PR), and front heater with heat to the feet for the driver and officer.	1	
SEATS			
1510-0004	Seats, Bostrom brand.	1	
1510-0008	Seat color gray.	1	
1510-0054	Rear facing Bostrom seat with SCBA driver's side.	1	
1510-0057	Rear facing Bostrom seat with SCBA officer's side.	1	
1510-0203-147	Bracket SCBA IMMI SmartDock Gen2 restraint system. Location: officer's seat.	1	
1510-0203-148	Bracket SCBA IMMI SmartDock Gen2 restraint system. Location: rear facing driver's side.	1	
1510-0203-215	Bracket SCBA IMMI SmartDock Gen2 restraint system. Location: rear facing officer's side.	1	
1510-0435	Seat cover material Durawear Plus (EA). Includes low seam on bottom cushion. Bostrom seats only in gray or black. (Quantity to reflect number of seating positions)	4	
1510-0533	Driver seat to be Bostrom air ride (Air-50 suspension) with Gen II design. Can be used with dual retractor upgrade (1510-0508).	1	
1510-0535	Officer seat to be Bostrom air ride SCBA with Gen II styling. Includes slide tracks for front to rear seat adjustment. Can be used with dual retractor upgrade (1510-0508).	1	
1510-0538	Seats to have Zip Clean covers IPOS. Includes extra set of removable covers (bottom and back) shipped loose. For use with Bostrom seats only. Requires Durawear Plus fabric (1510-0435). When equipped with E-ONE seat, cushion will be provided by Bostrom. Square style bench seats will have individual bottom cushion. Zip Clean N/A with taper style bench seat cushion. Option is per seat (Quantity to reflect number of seating positions).	4	
1685-0031	Seating capacity tag of four occupants.	1	
MAP BOXES			

Salescode	Extended Description	Qty	
MAP BOXES			
1540-0013	All map boxes in the cab to be painted Zolatone gray.	1	
1540-0015	Map box suspended with drop-down door. Box offset to rear to allow engine access door to open further.	1	
MISC INTERIOR CAB OPTIONS			
1685-0006	Padded sun visors, driver and officer's side overhead.	1	
1685-0008	Control lanyard Y type for air horns.	1	
1685-0068	Rear engine cover diamond plate trim.	1	
1685-0187	Severe duty engine cover, molded polyurethane.	1	
1685-0446	Severe duty overhead console. Includes driver, center and officer overhead ahead of air conditioning plenum. Center overhead includes siren mounting locations. Overhead to match cab interior.	1	
1685-0531	Reduced profile rear engine cover for increased legroom.	1	
1685-0577	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. To be mounted at final inspection.	1	
1685-0669	Severe duty dash package with low profile center section. Cast alum construction. Includes smooth plate alum lower kick panels; all painted to match cab interior.	1	
1685-0692	Cab insulation package. Includes insulation for ceiling, front wall, rear wall, side walls, below seat risers and in doors.	1	
1685-0891	Cab interior padding to be gray.	1	
CAB ELECTRICAL OPTIONS			
1750-0021	Battery charger Kussmaul model 1200, 40 amp.	1	
1750-0024-179-02	Auto-Eject receptacle inlet 20 amp located outside driver's door next to handrail with a Red cover.	1	
1750-0029	Switch horn button two position DOT/air horn.	1	
1750-0046-195	Cab Headlights. Position: lower.	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. Note: New antenna with original packaging only, used antenna not acceptable.	1	
1750-0072-592	12 VDC electrical outlet wired battery hot. Location: driver side dash.	1	
1750-0072-593	12 VDC electrical outlet wired battery hot. Location: officer side dash.	1	
1750-0073-585	Antenna base Tessco P/N 90942 (NMO Motorola Style - also called MATM style)	1	

Salescode	Extended Description	Qty	
CAB ELECTRICAL OPTIONS			
	on cab roof. Location: driver side forward with coaxial cable terminating at the center of the dash board.		
1750-0075	English dominant main cab gauge cluster.	1	
1750-0158	Dome Lts Weldon Red/White LED. Package includes two lights mounted in the front and two mounted in the rear of the cab. White light wired through door and light assembly switch. Red light through light assembly switch.	1	
1750-0166	ATC override switch.	1	
1750-0198-A31	Battery charger to be located behind driver's seat.	1	
1750-0265	Speedometer for officer side multiplex display.	1	
1750-0449	Momentary DPF regeneration override switch.	1	
1750-0514	Peterson LED cab headlights.	1	
1750-0768	TecNiq D07 LED cab door step area lighting. Includes (2) lights at each door area. Lights to be switched with door ajar.	1	
1750-0796	Turn signal TecNiq LED strip (PR) with clear lense and polished alum housing located between quad headlight bezels (New Typhoon and 100" wide Cyclone only).	1	
1750-0902-592	Kussmaul dual port USB product code 091-264-N. Includes USB-C and USB-A NGR outlet charger sockets in the cab wired battery hot. Location: driver side dash.	1	
1750-0902-593	Kussmaul dual port USB product code 091-264-N. Includes USB-C and USB-A NGR outlet charger sockets in the cab wired battery hot. Location: officer side dash.	1	
BODY SPEC			
3090-0000	Body Specs - SideStacker aerial with tandem axle. Includes left rear staircase with pocket style drop down step.	1	
BODY COMPT REAR			
3110-0360	Rear of body to have un-painted smooth plate overlay style body panels to facilitate rear body striping.	1	
AERIAL BODY OPTIONS			
3310-0032	Recessed tubes for (6) pike poles. Not available on HP75 SideStacker.	1	
3310-0050	Crosslay triple 5.5" wide single stack to hold up to 200' of 2.0" DJ (each) or 150'-200' 2.5" DJ (each). Includes storage pan to rear of crosslays	1	
3310-0070	Rear ladder tunnel door with 1/4-turn D-ring latch. Lift-up door to open 20 degrees past horizontal (degrees may be reduced due to other options). Door will match rear body finish.	1	

Salescode	Extended Description	Qty	
AERIAL BODY OPTIONS			
3310-0075	Upper dunnage area extension 34 x 58 diamond plate.	1	
3310-0096	Doors for rear master and jack control controls. Doors will match rear body finish.	1	
3310-0226	Jack leg opening covers smooth plate painted job color (4) sets. Includes painted plate outrigger covers and fixed painted plate filler panels. HM100/HR100/110 requires surface mount warning lights.	1	
3310-0264	Compartments driver side HP100 Platform SideStacker for long cab with 300 gallon tank, 252" WB and 58-62K rear. Includes rescue style extended height compartments ahead of wheel well and raised rear perimeter. The door on small compt next to rear outrigger to match wheelwell. Requires aerial envelope controls.	1	
3310-0267	Compartments officer side HP100 Platform SideStacker with 300 gallon tank, 252" WB and 58-62K rear. Includes rescue style extended height compartments ahead of wheel well, extended hosebed and raised rear perimeter.	1	
3310-0310	Auxiliary jack pad 26X26 (4) with 20 degree formed handle. Includes (2) double mounting brackets.	1	
DOORS			
3300-0007-003	Door single vertical hinged painted. Location(s): L1	1	
3300-0007-007	Door single vertical hinged painted. Location(s): L5	1	
3300-0007-015	Door single vertical hinged painted. Location(s): R1	1	
3300-0007-017	Door single vertical hinged painted. Location(s): R3	1	
3300-0007-018	Door single vertical hinged painted. Location(s): R4	1	
3300-0007-019	Door single vertical hinged painted. Location(s): R5	1	
3300-0011-005	Door single horizontal hinged lift-up box pan configuration painted. Location(s): L3	1	
3300-0011-006	Door single horizontal hinged lift-up box pan configuration painted. Location(s): L4	1	
3300-0292-004	Door double 3-point vertical hinged w/rotary latches - painted. Location(s): L2. Includes latch handle extension installed on secondary door's interior latch with "PULL" tags using .125 plate.	1	
3300-0292-008	Door double 3-point vertical hinged w/rotary latches - painted. Location(s): L6. Includes latch handle extension installed on secondary door's interior latch with "PULL" tags using .125 plate.	1	
3300-0292-016	Door double 3-point vertical hinged w/rotary latches - painted. Location(s): R2. Includes latch handle extension installed on secondary door's interior latch with "PULL" tags using .125 plate.	1	

Salescode	Extended Description	Qty	
DOORS			
3300-0313	Door single horizontal hinged lift-up box pan configuration painted for sidestacker style hose bed opening(s). Includes deflector at inside latch assembly. IPO flush smooth plate side.	4	
SHELVES			
3370-0246	Adjustable shelf for non-transverse compartments. Location:	4	L1 Upper; L2 Upper; L5 Upper; R1 Upper
3370-0247	Tracks for adjustable shelf and/or adjustable tray in a compartment. Location:	4	
TRAYS / TOOLBOARDS			
3380-0498	Tray, floor mounted roll-out with gas spring. 500 lbs. capacity. Location:	3	L1; L5; R1
3380-0508	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:	2	R2
3380-0625	Vertical hinged heavy duty swing-out smooth aluminum toolboard with PAC TRAC model PM-1000 pivot mount assembly hinge along forward compartment wall (unless otherwise stated in location) and position centered between door and back wall. Includes latch to secure in the closed position that is accessible from the ground. Location:	1	L3
COVERS			
3305-0007-000-13	Vinyl Black hose bed cover with attached rear flap(s).	1	
3305-0008-000-13	Vinyl Black crosslay cover with attached side flaps.	1	
PUMP PANELS			
3134-0016	Stainless steel driver and officer side pump panels.	1	
3134-0146	Officer side upper pump access panel to be horizontally hinged with stainless steel door. Includes (2) push button latches and hold open device(s).	1	
MISC PUMP PANEL OPTIONS			
4460-0003	Pump panel tags color coded per NFPA compliance.	1	
4460-0004	All tags installed on the exterior of the apparatus shall be mechanically fastened with stainless steel screws. These include but not limited to tags installed on the pump module, body, cab and bumper. Pump panel tags shall be mechanically fastened regardless whether the panel is enclosed behind a door.	1	
PUMP MODULE OPTIONS			
3136-0000-202	Air horn switch at pump panel. Switch to be labeled "Evacuation Alert". Location: driver side pump panel.	1	

Salescode	Extended Description	Qty	
WATER TANK			
4010-0030	300 gallon "T" water tank.	1	
TANK PLUMBING			
4450-0010	2" tank fill Akron manual valve.	1	
4450-0022	3" tank to pump Akron manual valve.	1	
LADDER STORAGE / RACKS			
3340-0111-701	Horizontal ladder bracket. Location and type of ladder: over L1 for Little Giant model 17.	1	
3365-0076-Q04	Center mounted ladder tunnel for HP100 Platform. Note: 1" aerial raise required with 30' and larger 3-section ladder in tunnel. Rack to hold: (2)PEL-35, PEL-28, PEL-24, PRL-20, PRL-16 and FL-10 (with rubber block feet and no handles).	1	
HANDRAILS / STEPS			
3330-0002-050	Slide-out platform, rollerless. Includes chrome grab handle centered on the front face of the platform (Includes hand rail as applicable). Located below driver side pump panel.	1	
MISC BODY OPTIONS			
3340-0058	Recessed fuel fill driver side wheel well.	1	
3340-0090-000-13	Turtle Tile Brand Black Floor Matting covering all applicable Compartment Floors, Shelves, and Rollout Trays. Does not include roof top compartments (Added separately)	1	
3340-0093	Mud flaps, rear, black with E-ONE logo.	1	
3340-1561	Smooth plate tandem axle wheel well painted job color. Includes bolt-on composite wheel well liners and bolt-on rubber fenderettes. Wheel well plates to be flush mounted.	1	
3340-1632	Diamond plate corner guard for the rear compartment face forward of staircase(s). Guard to wrap around the corner. SideStacker or NPNT w/ side staircase aerial bodies only.	1	
3340-1648	Anodized aluminum trim on bottom edge of all body compartment openings including pump enclosure if applicable with painted edges.	1	
PUMPS			
4005-0033	Rating 2000 GPM	1	
4005-02101	Waterous CSU 1500-2250 GPM single stage pump. Requires primer option.	1	
PUMP CERTIFICATION			
4475-00100	Pump certification 750-2250 GPM	1	

Salescode	Extended Description	Qty	
PUMP OPTIONS			
4015-0012	Pump shift override, side panel mounted.	1	
4015-0039	Pump seal mechanical for Waterous pump.	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	
4015-0073	Manual operated master pump drain. The master drain shall be clearly marked and placed in accessible location below running board on driver side (or area directly to rear of panel if no room below panel).	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	
INTAKES			
4440-0005	2.5" Left Intake Akron Manual Valve.	1	
INTAKE OPTIONS			
4445-0009	Intake relief valve, Akron.	1	
DISCHARGES AND PRECONNECTS			
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	
4415-0016-584	2.5" Right Pump Panel Discharge Akron Manual Valve. Location: right side discharge 2.	1	
4415-0058-655	2.5" Crosslay Akron Manual Valve. Location: crosslay 3.	1	
4415-1274	4" waterway discharge w/ Akron electric valve. Requires valve controller option.	1	
4415-1286-583	5" Panel discharge w/ 4" Akron electric valve. Includes a 4" FNPT X 5" MNST adapter with cap. Requires valve controller option. Location: right side discharge 1.	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.	8	
4417-0185	Innovative Controls discharge and intake bezels with integral color code and verbiage for side mount pump panel.	1	
4417-0313-359	Akron 9333 Navigator Pro 2 electric valve controller with full color LCD display.	1	

Salescode	Extended Description	Qty	
DISCHARGE OPTIONS			
	Locate on pump operator panel to control waterway discharge.		
4417-0313-583	Akron 9333 Navigator Pro 2 electric valve controller with full color LCD display. Locate on pump operator panel to control right side discharge 1.	1	
PRESSURE GOVERNORS			
4465-0047	FRC PumpBoss pressure governor PBA500 series. Includes engine monitor gauges.	1	
GAUGES			
4435-0246	2.5" Innovative Controls stainless steel case pressure gauge (0-400) with color code bezel.	8	
4435-0247	4" Innovative Controls stainless steel case master pressure gauges with bezel. Intake 30-0-400, and discharge 0-400.	1	
4435-0251	Innovative Controls SL Plus series water tank level gauge with E-One logo at the bottom.	1	
ELECTRICAL SYSTEMS			
5010-0039	V-MUX Electrical system for aerials.	1	
5010-0049	Vehicle data recorder - 2009 / 2016 NFPA compliant. Includes occupant detection shown in multiplex display. E-ONE chassis only.	1	
5010-0055-168	Vista IV display for V-MUX electrical system. Location: officer's side engine cover.	1	
5010-0055-649	Vista IV 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	
LIGHT BARS			
5300-0506-000-4V	Front light bar LED color: Red/White with clear lenses (If applicable, includes side facing when colors are the same.)	1	
5300-0508-036	Whelen Mini-Freedom IV side facing light bars (PR) 21.5" with 4 LED modules. Location: centered above rear cab doors.	1	
5300-0515	Whelen MKEZ7 1.5" standard mount for mini front light bars (4).	1	
5300-0518	Whelen MKEZ7 1.5" standard mount for mini side facing light bars (4).	1	
5300-0523	Whelen F4 Mini-Freedom LED side facing front cab light bars (PR) 21.5" . For use on rear mount platforms with supplemental upper level Zone A warning lights. Locate one each side front cab corners side facing.	1	
WARNING LIGHTS			
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	

Salescode	Extended Description	Qty	
WARNING LIGHTS			
5600-0346	All warning lights to have black bezels lpo chrome where applicable.	1	
5600-0385-479-4T	Whelen Super LED ROTA-BEAM beacon (PR) model R316 Series RED with CLEAR lenses domes. Location rear upper body on aerial style brackets.	1	
5600-0787-3RH-4T	Warning light Whelen M2W Wide Angle Super LED warning lights (PR). Surface mounted w/chrome flanges (If applicable). Location: (1) each side NFPA/ULC required lower zone rear side facing, color will be RED with CLEAR lenses.	1	
5600-0850-170	Hazard (door ajar) light TecNiq S38 LED red. Location: center overhead.	1	
5600-0948-3RE-4T	Warning light Whelen M6 series Linear Super LED (PR) RED with CLEAR lenses. Location: (1) each side NFPA/ULC required lower zone front facing.	1	
5600-0948-3RF-4T	Warning light Whelen M6 series Linear Super LED (PR) RED with CLEAR lenses. Location: (1) each side NFPA/ULC required lower zone forward side facing.	1	
5600-0948-3RG-4T	Warning light Whelen M6 series Linear Super LED (PR) RED with CLEAR lenses. Location: (1) each side NFPA/ULC required lower zone midship side facing.	1	
5600-0948-3RI-4T	Warning light Whelen M6 series Linear Super LED (PR) RED with CLEAR lenses. Location: (1) each side NFPA/ULC required lower zone rear facing.	1	
SIRENS			
5500-0010-209	Federal Q2B siren - flush mounted in bumper. Location: driver side front bumper. Requires activation switch.	1	
DOT LIGHTING			
5150-0017	License plate light LED with chrome housing located at the rear of the body.	1	
5150-0028	Marker light Truck-Lite LED body/cab package. E-ONE custom cab with rear mount aerial platform bodies only. Includes (3) marker lights on front of platform.	1	
5150-0068	Marker lights Britax LED amber/red rubber housed mounted on the rear body corners angled down.	1	
5150-0299-5WC	Front (if applicable) and rear turn signal flash pattern: populated arrow.	1	
5150-0304	Whelen M6 series LED horizontal mount tail lights. Includes LED stop/tail, turn and back-up lights individually mounted with weatherproof connectors. Requires turn signal flash pattern.	1	
LIGHTS - COMPARTMENT, STEP & GROUND			
5380-0280	Ground light package TecNiq T440 4" LED - large.	1	
5380-0285	Step light package body TecNiq T440 4" LED - small.	1	
5380-0312	Compartment light package Hansen white LED for large bodies. Includes two lights per compartment (four if transverse).	1	
5380-0323	The auxiliary steps below the cab doors and/or below pump module/body (if	1	

Salescode	Extended Description	Qty	
LIGHTS - COMPARTMENT, STEP & GROUND			
	applicable) to have EON LED lights to illuminate the stepping surface and ground below (IPO lights indicated in the main ground light package).		
5380-0325	EON LED ladder tunnel light (EA).	2	
LIGHTS - DECK AND SCENE			
5390-0007	Deck/scene light circuit wiring through chassis reverse. Requires rear deck or scene light.	1	
5390-0216	Hose bed light Optronics LED model TLL44 Locate at front of hose bed. Switched with work light switch in cab.	1	
5390-0217	Crosslay light Optronics LED model TLL44. Locate to rear of crosslay (SM) and forward of crosslay (TM as applicable). Switched with work light switch in cab.	1	
5390-0222-444	Deck light FireTech, model FT-WL3500-FT-W LED (PR) with white housing. Switched with work light switch in cab. Location: (1) each side over rear ladder tunnel.	1	
LIGHTS - NON-WARNING			
5400-0150	Pump panel LED light package for side mount. Includes (6) Tecniq EON lights with S/S housings located (3) ea side. Includes S/S light shields (as applicable with intermediate steps).	1	
5400-0185	LED pump compartment light (EA).	1	
5400-0224	Engine compartment light Optronics LED Series ILL22 (EA).	1	
CONTROLS / SWITCHES			
1750-0034-A24	Switch, additional 12 volt/15 amp. Location and function: driver rear of body for rear work lights.	1	
5100-0000-968	Foot switch to control air horns located officer's side for left foot.	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	
5100-0131	Foot switch(es) mounted on a 30 degree bracket.	3	
5100-0165	Audible door ajar alarm wired through door ajar light. For use with multiplex display(s) only.	1	
CAMERAS / INTERCOM			
5350-0060	Diamond plate camera shield.	1	
5350-0070	Voyager back-up camera. Video displays automatically when transmission is in reverse. Camera only - does not include monitor.	1	
5350-0244-202	FRC ACT 3-way aerial intercom to provide communications between the turntable control station, the aerial tip and driver side pump panel.	1	

Salescode	Extended Description	Qty	
MISC ELECTRICAL			
5110-0004	Alternating flasher for headlights. Not available on Ford chassis.	1	
5110-0017	Back-up alarm 97 dB.	1	
5110-0018-752	12 volt 12 gauge constant hot lead (24" long) with ground wire. Location: L2 upper forward wall.	1	
5110-0018-848	12 volt 12 gauge constant hot lead (24" long) with ground wire. Location: centered on rear cab wall below seat support channel.	1	
GENERATOR			
5250-0037-121	Generator Smart Power 8KW hydraulic model HR-8 (with top mount cooler). Includes generator control/PTO engagement switch and a gauge panel located adjacent to the circuit breaker box. Generator location: durmage pan offset to driver side.	1	
GENERATOR TEST			
5255-0001	Testing - Line voltage power source (generator / inverter) on units with rated water pump. (3rd Party)	1	
BREAKER BOXES			
5200-0000-474	Breaker box 8 place single phase. Includes main breaker. Note: Main breaker occupies 2 places leaving 6 available. Locate L1 back wall horizontally mounted above offset.	1	
LIGHTS - AREA			
5450-0337-493	FireTech 35" 12V mini brow light with white housing and flood optics. Includes switch in cab (driver and officer side facing lights switched separately). Location: driver and officer side over rear cab door.	2	
RECEPTACLES			
5470-0004-553	Receptacle household 20A/110V duplex 3-prong NEMA 5-20 with cover plate interior mounted wired to inlet receptacle. Location: driver back wall of cab.	1	
5470-0004-554	Receptacle household 20A/110V duplex 3-prong NEMA 5-20 with cover plate interior mounted wired to inlet receptacle. Location: center back wall of cab.	1	
AERIAL MODEL			
6100-0026	Raise aerial turntable pedestal and boom support 1" (Required on HP100 Platform with long or extended cab).	1	
6100-0117	Platform HP100 with -10 degree travel and fabricated SideStacker style turntable. Includes left side console, turntable mansaver bars and jack leg flood lights.	1	
AERIAL HYDRAULIC SYSTEM OPTIONS			

Salescode	Extended Description	Qty	
AERIAL HYDRAULIC SYSTEM OPTIONS			
6150-0003-216	Gauge aerial hydraulic oil level. Electronic display to be located on pump operator's panel.	1	
6150-0012	Extended length outrigger foot (4). Required with >54k rear axle on HP100 Platform.	1	
6150-0015	Aerial hydraulic pump to have drive through provision. For use with up to 12kw Harrison, 10kw Smartpower and 15kw Onan.	1	
AERIAL CONTROLS			
6850-0012	Hinged cover for platform control console. Swirl finish smooth plate with gas spring hold-open.	1	
6850-0017	Envelope controls HP100 Platform. Forward extension of aerial to be restricted due to 252/260" wheelbase.	1	
6850-0037	Advanced Aerial Control System - Platform. Includes body protection, cradle alignment It and 3.2" displays with flowmeter at each control console.	1	
6850-0043	Diamond plate turntable console mounted to tube style pedestal mount. Includes side hinged diamond plate cover with hinge on outboard side. Includes modified left side turntable handrail. (95-platform and HP/HPS100 Platform only)	1	
6850-0081	Platform leveling system with assist to allow adjustment of platform pivot angle from cab. Includes two switches, one with multi-color light accessible by driver to indicate platform is in alignment with ladder and a second switch for platform level assist.	1	
MONITORS			
6300-0018	Monitor painted job color. (Akron and Elkhart Scorpion only).	1	
6300-0108	Monitor Akron StreamMaster II electric with 5177 nozzle 1250GPM for platform. Includes tip controls, base controls and a butterfly valve. Monitor to have multiple flow ratings based on aerial model and monitor position.	1	
WATERWAY OPTIONS			
6350-0005	Rear 4" NST waterway inlet for rear mounted aerials. Includes chrome cap.	1	
6350-0012-219	Akron 2.5" valve for platform. Valve to be located at the left rear of platform.	1	
6350-0014	2.5" chrome elbow with 2.5" x 1.5" reducer and 1.5" cap for platform / ladder discharge valve.	1	
6350-0067	2.5" Innovative Controls stainless steel case pressure gauge (0-400) with color code bezel. Locate next to waterway inlet.	1	
AERIAL WARNING LIGHTS			
6550-0033-224-4T	Whelen M6 Super LED RED with CLEAR lenses warning lights on platform (PR). The lights shall be switched with aerial master and located on each side on on	1	

Salescode	Extended Description	Qty	
AERIAL WARNING LIGHTS			
	the side of the ground pad brackets.		
6550-0049	Whelen M6 series Super LED red warning lights with clear lenses model number M6RC (4). Located down low across front of platform wired to upper level lights.	1	
6550-0080	Outrigger warning lights (4) LED. Whelen M6V2RC Super LED.	1	
AERIAL LIGHTING			
6560-0085-000-06	Ladder climbing lights Luma Bar Pathfinder LED strip for 95-Platform and HP100 Platform (both sides). Color: Red.	1	
6560-0127	FireTech model FT-WL3500-FT-W LED flood/spot light with white housing. Includes hardwired switch on turntable console. Location: left and right side of base section.	1	
6560-0202-235	FireTech model FT-WL-X-9-FT-W-SH LED flood/spot light with white housing. Includes switch on lighthouse and turntable console. Location: left side front of platform.	1	
6560-0202-236	FireTech model FT-WL-X-9-FT-W-SH LED flood/spot light with white housing. Includes switch on lighthouse and turntable console. Location: right side front of platform.	1	
AERIAL EQUIPMENT			
6500-0001-221	Hose box for 50' of 2.5" DJ hose left side of platform.	1	
6500-0013-139	Pike pole tube for 10' pole on ladder. Location: right side fly section.	1	
6500-0019-266	Axe bracket mounted on aerial. For use with a 6 lb axe only. Location: right side inside of platform.	1	
6500-0028	Rappelling rope guides located each side on front hand rail of platform. 95-Platform with taper corner bucket, HP95MM and HP/HPS100 Platforms only.	1	
6500-0145	Lifting eye / tie-off package for HP100 Platform. Includes lifting eyes each side (ahead of mainrail) at tip of base and a tie-off point on each turntable trunnion.	1	
6500-0151	Stokes basket receiver for HP/HPS100 Platforms. Stokes and storage brackets on side of base not included.	1	
AERIAL LADDER BRACKETS			
6600-0009	Parapet roof ladder bracket for platform. For use with Alcolite and Duo Safety roof ladders (not included). Available on HP100 Platform, HP95MM Platform and 95-Platform with angle corners.	1	
SIGN PLATES			
6750-0002-000-39	Aerial sign plates 22 x 144 (PR). Does not include lettering. Color: Job Color.	1	
6750-0014	Brackets to allow for a larger than standard sign plate on a HP style device. Does not include sign plates.	2	

Salescode	Extended Description	Qty	
AERIAL TESTING			
6900-0000	Aerial flow test - 3rd party.	1	
6900-0007	Aerial 2016 NFPA Certification.	1	
ELBOWS			
7400-0005	Chrome discharge elbow 2.5", 45 degree.	3	
ADAPTERS			
7200-0026	Swivel Connector 4" FNST x 5" Storz 30 Deg Elbow with Tethered Cap.	1	
GROUND LADDERS			
7800-0010	Alco-Lite PRL-16' roof ladder.	1	
7800-0016	Alco-Lite PEL-24' 2-section extension ladder.	1	
7800-0021	Alco-Lite PEL-28' extension ladder.	2	
7800-0024	Alco-Lite PEL-35' extension ladder.	2	
7800-0032	Alco-Lite FL-10, 10' folding ladder w/safety shoes.	1	
7800-0038	Alco-Lite PRL-20' roof ladder.	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, legacy Cyclone and 100" wide Cyclone cabs w/o 4" front raised roof.	1	
8100-0084	All applicable pump/pre-connect application modules are to have a job color finish. 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 (non-metallic color). Color: FLNA 3225 E-ONE RED.	1	
8100-0177-000-35	Paint cab Sikkens two-tone (non-metallic color). Upper area of cab to be painted FLNA 4145 E-ONE BLACK.	1	
8100-0183-000-17	Paint Body - Large - For Aerials, T/A Tankers/Wetsides, Rear Mounts and Rescues. Sikkens paint (non-metallic color). Color: FLNA 3225 E-ONE RED.	1	

Salescode	Extended Description	Qty	
EXTERIOR PAINT			
8100-0355	Paint lift cylinders, extension cylinders and upper turntable steelwork to match the "two tone" sale code color (does not apply to TT deck).	1	
8100-0421-000-35	Paint air conditioning condenser cover. Color: FLNA 4145 E-ONE BLACK.	1	
INTERIOR PAINT			
8150-0011	The interior of the cab to be painted Zolatone gray.	1	
8150-0024	The lower area of the painted cab interior door panels to be masked off and left un-painted for reflective material.	1	
PROTECTIVE COATINGS			
8175-0086-000-39	The top perimeter of the bumper to have Job Color Scorpion finish. Includes top lip, radius, and approx. 1" down. Requires formed heavy duty bumper.	1	
STRIPING			
8200-0016	White reflective tape on (4) outriggers.	1	
8300-0084-000-G6	Chevron "A" style 6" printed sheet Scotchlite striping full width on rear of body. Includes rear facing extrusions, panels and doors. Colors to be Red/Lemon Yellow.	1	
8300-0101	Black rubrail scotchlite insert.	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	
GRAPHICS			
8400-0033	Logo E-ONE (PR) on aerial lift cylinder. Logo to be sign gold material approx 14" long located midway along outward surface of cylinder.	1	
8400-0060	Graphics drawing showing striping, lettering and logos. Requires E-ONE installed graphics.	1	
WARRANTY / STANDARD & EXTENDED			
9100-0102	Meritor 5 year unlimited miles, parts and labor rear drive single or rear drive	1	

Salescode	Extended Description	Qty	
WARRANTY / STANDARD & EXTENDED			
	tandem axle warranty.		
9100-0104	Dana 5 year unlimited miles, parts and labor front axle warranty.	1	
9100-0117	General One (1) year or 24,000 Miles Limited Warranty (RFW0001)	1	
9100-0126	Custom chassis One (1) Year or 18,000 Miles Limited Warranty (RFW0101).	1	
9100-0131	Regulated Emissions Systems Five (5) Years or 100,000 Miles Limited Warranty (RFW0140). N/A for California. For units going to California use 9100-0162 with L9 and 9100-0163 with X12/15.	1	
9100-0132	Electrical One (1) Year or 18,000 Miles Limited Warranty (RFW0201).	1	
9100-0135	Aerial Ladder Structure Twenty (20) years or 100,000 Miles Limited Warranty (RFW0403).	1	
9100-0136	Body Structure Aluminum Ten (10) years or 100,000 Miles Limited Warranty (RFW0502).	1	
9100-0138	Cab Structural Ten (10) Years or 100,000 Miles Limited Warranty (RFW0602).	1	
9100-0139	Plumbing and piping (Stainless Steel) Ten (10) years or 100,000 Miles Limited Warranty (RFW0800).	1	
9100-0145	Paint and Finish Aluminum Aerial Body Pan Doors (Exterior Clear Coated) Non-Prorated Ten (10) Years Limited Warranty (RFW0711).	1	
9100-0148	Paint and Finish Cab (Exterior Clear Coated) Non-Prorated Ten (10) Years Limited Warranty (RFW0711).	1	
9100-0165	Frame Rail Lifetime (50) Years or 250,000 Miles Limited Warranty (RFW0305).	1	
SUPPORT, DELIVERY, INSPECTIONS AND MANUALS			
9300-0000	Vehicle familiarization aerial (Domestic). 3 consecutive days. Use 9300-0315 for additional days.	1	
9300-0009	Manuals, Operator and Service in digital format.	1	
9300-0012	Pump panel approval drawings. Will be provided on purchased units prior to construction.	1	
9300-0016	Approval Drawings-Standard.	1	
9300-0031	Dash/Console panel layout approval drawings. Will be provided on purchased units prior to construction.	1	
9300-0316	Fire Apparatus Safety Guide published by FAMA, latest edition.	1	
Dealer Supplied Equipment			



Change Order Form Order Entry Revised 11282022

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Customer: Downers Grove Fire Department	Shop Order: 119740	Description: Cyclone HP100P	Original Contract Amount: \$1,449,771.00
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No.	Date	Qty.	A/C/D/ CQ/CL	Item Number	Addition / Deletion Description	Price
1					INSPECTION TRIPS	
2			A		Pre-Build for 4 department personnel	\$6,000.00
3			A		In-Process for 4 department personnel	\$6,000.00
4			A		Final for 4 department personnel	\$6,000.00
5						
6					BUMPERS	
7			A	1160-0015	Bumper Extension 24" - 24" Front bumper gravel shield extentsion	\$1,015.00
8			A	1160-0345	Bumper HVY DTY 10" PNTD - Heavy Duty, formed, 10" front bumper with full wrap around. Corners to be tapered for an 8.5" wide mounting area. Includes support wings for outboard sides, as applicable. To be painted as specified	\$3,495.00
9			A	1160-0347-198	Inset Notch for Mechanical Siren - bumper to have a 5.625" deep x 10.5" wide notch for recessed mechanical siren. Location driver's side.	\$852.00
10			D	1160-0014	Bumper Extension 20"	(\$769.00)
11			D	1160-000	Bumper 10" high SS	(\$1,996.00)
12						
13					BUMPER TRAYS	

14			A	1150-0103	Bumper Tray lid center DP x/cap - Diamond plate lid for center hose tray 5.25" high with chrome grab handle, rubber hood latch, gas shock and water stop angle	\$615.00
15			A	1150-0104	Bumper Tray lid officer DP x/cap - Diamond plate lid for officer hose tray. 5.25" high with chrome grab handle, rubber hood latch, gas shock and water stop angle	\$615.00
16			A	1150-0120	Bumper Tray center 12" deep - Bumper tray center of bumper with slats 12" deep - approximately 11" to slats	\$716.00
17			A	1150-0123	Bumper Tray officer 12" deep - Bumper tray officer side of bumper with slats 12" deep - approximately 11" to slats	\$716.00
18						
19					TIRE OPTIONS	
20			A	1060-0023	Tires RR Mich 315 Mud/SN (8) - Eight Michelin 315 rear tires with XDN2 GRIP all weather tread	\$13,672.00
21			D	1060-0209	Tires RR Michelin 315 Hwy	(\$11,350.00)
22						
23					SECONDARY BRAKING	
24			A	1125-0002	Brake Jacobs Compression - Jacobs engine compression brake	\$2,780.00
25			D	1125-0003	Retarder Transmission	(\$18,993.00)
26			D	1125-0010	Retarder programming	\$0.00
27						
28					EXHAUST OPTIONS	
29			A	1225-0060	Exhaust end Plymovent	\$805.00
30						
31					ALTERNATOR	
32			A	1700-0026	Alt 350 amp Leece Nevill 350 amp	\$5,449.00
33			D	1700-0019	Alt 360 amp Niehoff	(\$5,052.00)
34						
35					CAB MODEL	
36			A	1520-0244	Cyclone Long Cab - 67.5"	\$93,996.00
37			D	1520-0220	Typhoon Long Cab - 67.5"	(\$84,907.00)

38						
39					CAB ROOF TYPE	
40		A	1615-0022	Roof Cab Split Raise with trough		\$8,802.00
41		D	1615-0004	Roof Cab flat		\$0.00
42						
43					CAB DOOR OPTIONS	
44		A	1550-0080-000-G6	Stripe Cab door kick plate A red/lemon Chevron 12" high		\$475.00
45		A	1550-0287	Cab doors - barrier style		\$0.00
46		D	1550-0288	Cab doors - extended		(\$606.00)
47		D	1550-0330-000-G6	Stripe cab door kick plate for extended doors -		(\$400.00)
48						
49					CAB STEP OPTIONS	
50		A	1640-0045-160	Step below cab doors each		\$369.00
51		A	1640-0045-159	Step below cab doors each		\$369.00
52		A	1640-0045-161	Step below cab doors each		\$369.00
53		A	1640-0045-158	Step below cab doors each		\$369.00
54						
55					MIRRORS	
56		A	1670-0091	Mirror finish black		\$276.00
57		A	1670-0062	Mirror Retractable Aero RM/HT/LED Retractable Aerodynamic dual vision chrome west coast style mirrors (pr) mounted on cab doors. Include remote control and heat for std and convex mirrors and led marker light.		\$2,455.00
58		D	1670-0038	Mirror Lang Mekra mirrors		(\$2,090.00)
59						
60					MISC EXTERIOR CAB OPTIONS	
61		A	1675-0214	Fenderette Rubber		\$454.00
62		A	1675-0024	Handrail cab 36" pr rear - pair of 36" handrails located just behind driver and officer rear door, one each side		\$635.00
63		D	1675-0023	handrail cab 18" pr rear - pair of 18" handrails located driver and officer rear door, one each side		(\$584.00)
64						
65					SEATS	
66		A	1685-0031	Seating capacity tag (4)		\$0.00
67		A	1510-0538	Cover Zip Clean (4)		\$3,768.00
68		A	1510-0203-147	Bracket Air Pack SMARTDOCK. Location officer seat		\$777.00
69		A	1510-0535	Seat Bostrom Officer SCBA air ride		\$2,618.00
70		A	1510-0203-215	Bracket Air Pack SMARTDOCK. Location rear facing officer side		\$777.00

71		A	1510-0203-148	Bracket Air Pack SMARTDOCK. Location rear facing drivers side	\$777.00
72		A	1510-0435	Seat cover material Durawear plus (4)	\$244.00
73		D	1510-0035-147	bracket air pack universal	(\$241.00)
74		D	1510-0035-215	bracket air pack universal	(\$241.00)
75		D	1685-0033	seating capacity tag (6)	\$0.00
76		D	1510-0035-148	bracket air pack universal	(\$241.00)
77		D	1510-0574	Seat Bostrom officer SCBA fix	(\$1,350.00)
78		D	1510-0063	Seat Bostrom 2 man bench seat	(\$3,510.00)
79		D	1510-0037	seat covers material durawear	\$0.00
80					
81				MEDICAL CABINETS	
82		D	1535-0202	Cabinet Finish Zolotone gray	\$0.00
83		D	1535-0038	Cabinet Med RR e/c 30X38x20 interior medical cabinet. Locate to rear of engine cover	(\$4,937.00)
84		D	1535-0032	Med cabinet RUD lock	(\$223.00)
85		D	1535-0030	Med cabinet RD ROM	(\$215.00)
86					
87				MAP BOXES	
88		A	1540-0015	map box suspended w/drop door rear- map box suspended with drop down door. Box offset to rear to allow engine access door to open further	\$900.00
89		A	1540-0013	Mapbox finish zolotone gray	\$0.00
90					
91				MISC INTERIOR CAB OPTIONS	
92		A	1685-0577	Cup holder tray severe duty dash	\$641.00
93		A	1685-0008	Control Lanyard air horns	\$278.00
94					
95				CAB ELECTRICAL OPTIONS	
96		A	1750-0902-593	USB -C/USB-A Kussmaul outlet hot location officer side dash	\$348.00
97		A	1750-0902-592	USB -C/USB-A Kussmaul outlet hot location diver side dash	\$348.00
98		A	1750-0265	Speedometer for officer side Vista	\$0.00
99		A	1750-0072-593	12v outlet hot location officer side dash	\$99.00
100		A	1750-0071-587	Customer supplied antenna installation	\$425.00
101		A	1750-0029	SW horn button 2 position DOT/AH	\$315.00
102		A	1750-0021	charger battery kussmaul 40 amp	\$1,086.00
103		D	1750-0343	charger battery ipc 20 amp	(\$931.00)
104		D	1750-0031	SW horn button 2 position DOT/Q2B	(\$315.00)
105		D	1750-0073-587	Antenna universal base	(\$211.00)
106					

107					AERIAL BODY OPTIONS	
108		A	3310-0070	Door rear ladder tunnel lift up smooth, painted		\$1,416.00
109		A	3310-0226	Cover Jack leg w/fixed painted (4)		\$2,705.00
110		D	3310-0069	Door rear ladder tunnel vertical hinged		(\$1,350.00)
111		D	3310-0162	Cover jack leg fixed tread plate		\$0.00
112						
113					DOORS	
114		A	3300-0313	(4) doors single lift up painted S/S HSBD		\$5,320.00
115						
116					SHELVES	
117		A	3370-0247	(4) shelf tracks Location TBD		\$1,032.00
118		A	3370-0246	(4) shelves adj. location TBD		\$1,324.00
119						
120					TRAYS/TOOL BOARDS	
121		A	3380-0508	(2) tool boards roll out adjustable		\$3,524.00
122		A	3380-0498	(3) floor mounted roll out trays 500lbs capacity		\$3,135.00
123		A	3380-0625	(1) Tool board swing out with latch		\$2,309.00
124						
125					MISC PUMP PANEL OPTIONS	
126		A	4460-0004	Tags mechanically fastened		\$1,959.00
127						
128					LADDER STORAGE / RACKS	
129		A	3340-0111-701	bracket horizontal for ladder, little giant model 17 over L1		\$415.00
130						
131					MISC BODY OPTIONS	
132		A	3340-1561	Wheel well tandem axle flush smooth plate		\$7,857.00
133		A	3340-0090-000-13	Turtle tile package Large		\$3,718.00
134		D	3340-0270	Body aerial side upper plate smooth plate painted		\$0.00
135		D	3340-0107	Wheel well tandem axle tread plate		(\$3,535.00)
136						
137					PUMPS	
138		A	4005-0201	Pump waterous CSU1500-2250 single stage		\$44,053.00
139		D	4005-0196	Pump Hale Qmax		(\$39,029.00)
140						
141					PUMP OPTIONS	
142		A	4015-0242	Primer Trident		\$2,828.00
143		A	4015-0039	Pump seal mechanical Waterous		\$1,109.00

144		A	4015-0012	Pump Shift Override	\$1,154.00
145		D	4015-0022	Pump seal mechanical Hale	\$0.00
146		D	4015-0238	Primer Hale electronic	(\$3,364.00)
147					
148				PRESSURE GOVERNORS	
149		A	4465-0047	governor FRC pump boss PBA500	\$4,378.00
150		D	4465-0011	governor TPS Class 1	(\$3,486.00)
151					
152				ELECTRICAL SYSTEMS	
153		A	5010-0049	Vehicle Data Recorder, seat belt indicator in VISTA	\$3,440.00
154		A	5010-0055-168	Display vista officers side engine tunnel	\$2,826.00
155		A	5010-0055-649	Display vista drivers side engine tunnel	\$2,826.00
156		D	5010-0013-171	Vehicle Data Recorder, seat belt indicator drivers overhead	(\$3,986.00)
157		D	5010-0121-171	Display LCD V-Mux	(\$1,494.00)
158					
159				LIGHTBARS	
160		A	5300-0515	Mount Whelen Standard front light bars	\$159.00
161		A	5300-0508-036	Light bar Whelen F4M Pair - Mini Freedom IV center over rear doors	\$5,888.00
162		A	5300-0506-000-4V	Light bar color Front RED/WHITE w/clear lenses	\$0.00
163		A	5300-0523	Light bar Whelen F4M - Mini Freedom IV forward facing cab corners	\$6,555.00
164		A	5300-0518	Mount Whelen Standard side light bars	\$159.00
165		D	5300-0355-034	Light Bar Federal	(\$5,418.00)
166					
167				WARNING LIGHTS	
168		A	5600-0346	Black bezels all lights	\$0.00
169		A	5600-0385-479-4T	Light Whelen Rotobeam LED pair upper rear body on aerial style brackets	\$3,226.00
170		A	5600-0787-3RH-4T	Light whelen M2W LED Pair location 1 each side lower zone rear side facing red with clear lenses	\$877.00
171		A	5600-0850-170	Light Hazard Tecniq location center overhead	\$127.00
172		A	5600-0286-463	Lights Whelen M6 LED Red pair (1) each side inboard of primary NFPA warning light	\$1,100.00
173		A	5600-0948-3RF-4T	Lights Whelen M6 LED pair red with clear lenses location (1) each side forward side facing	\$1,100.00
174		A	5600-0948-3RG-4T	Lights Whelen M6 LED pair red with clear lenses location (1) each side midship facing	\$1,100.00
175		A	5600-0948-3RI-4T	Lights Whelen M6 LED pair red with clear lenses location (1) each side rear facing	\$1,100.00
176		A	5600-0948-3RE-4T	Lights Whelen M6 LED pair red with clear lenses locaiton (1) each side front	\$1,100.00
177		D	5550-0068	Flash pattern for Federal lights	\$0.00

178		D	5600-0105-170	Light hazard 2" led	(\$127.00)
179		D	5600-0377-479	Lights Federal Signal VSLR rear upper body	(\$3,709.00)
180		D	5600-0680-3RE-4U	Lights Federal Signal FR6	(\$1,039.00)
181		D	5600-0680-3RF-4U	Lights Federal Signal FR6	(\$1,039.00)
182		D	5600-0680-3RG-4U	Lights Federal Signal FR6	(\$1,039.00)
183		D	5600-0680-3RI-4U	Lights Federal Signal FR6	(\$1,039.00)
184		D	5600-0773-3RH-4T	Lights Federal Signal Micropulse	(\$557.00)
185		D	5600-0680-463-4U	Lights Federal Signal FR6	(\$1,039.00)
186					
187				SIRENS	
188		A	5500-0010-209	Siren Fed Q flush mount bumper driver side bumper	\$4,705.00
189		D	5500-0011-209	Siren Fed Q pedestal mount	(\$4,241.00)
190					
191				DOT LIGHTING	
192		A	5130-0304	Tail lights Whelen M6	\$2,385.00
193		A	5150-0299-5WC	Turn signal programming	\$0.00
194		A	5150-0068	Lights Britax LED amber/red rear body corners	\$641.00
195		D	5150-0206	Tail Lights Federal	(\$2,076.00)
196					
197				LIGHTS - COMPARTMENT, STEP & GROUND	
198		A	5380-0323	Lights EON step and ground Aux step	\$0.00
199		A	5380-0312	Light compartment package Hansen Dual	\$8,241.00
200		D	5380-0309	Light compartment package Hansen single	(\$4,161.00)
201		D	5380-0315	Light compartment Hansen Medical cabinet	(\$283.00)
202					
203				LIGHTS - DECK AND SCENE	
204		A	5390-0007	Deck light wiring circuit	\$196.00
205		A	5390-0222-444	Lights deck firetech WL3500 location (1) each side over rear ladder tunnel	\$1,207.00
206		D	5390-0215-444	Lights deck Optronics	(\$564.00)
207					
208				CONTROLS AND SWITCHES	
209		A	5100-0165	Alarm Door ajar	\$0.00
210		A	5100-0000-968	Switch foot air horns, officer left foot	\$315.00
211		A	5100-0006-198	Switch foot Q2B location driver's side	\$315.00
212		A	1750-0034-A24	Switch additional 12v/15A rear of body for rear work lights	\$315.00
213		A	5100-0131	Brackets for foot switches 30 degree angle	\$399.00

214		D	5100-0000-198	Switch air horn located driver side	(\$315.00)
215		D	5100-0009	alarm door ajar outside of Vista	(\$100.00)
216		D	5100-0042-276	Switch Ramsey 3' remote cord cab tilt	(\$583.00)
217					
218				CAMERAS / INTERCOM	
219		A	5350-0060	Camera diamond plate shield	\$341.00
220		A	5350-0070	Camera RR Voyager back up camera	\$1,109.00
221		A	5350-0244-202	Intercom FRC 3 way	\$4,906.00
222		D	5350-0156	Intercom FRC 2 way	(\$3,223.00)
223					
224				MISC ELECTRICAL	
225		A	5110-0004	Flasher Alternating Headlights	\$534.00
226		A	5110-0018-752	Power lead 12v 12gauge Location L2 upper	\$133.00
227		A	5110-0018-848	Power lead 12v 12gauge Location center rear cab wall	\$133.00
228					
229				GENERATOR	
230		A	5250-0037-121	Generator 8 kw	\$24,903.00
231		D	5250-0036-121	Generator 6 kw	(\$21,794.00)
232					
233				LIGHTS - AREA	
234		A	5450-0337-493	(2) lights Firetech 35" brow lights location driver and officer side over rear cab door	\$6,058.00
235					
236				RECEPTACLES	
237		A	5470-0004-553	Receptacles 20 amp / 110vac 3 prong location driver back wall of cab	\$484.00
238		A	5470-0004-554	Receptacles 20 amp / 110vac 3 prong location center back wall of cab	\$484.00
239					
240				MONITORS	
241		A	6300-0018	Monitor painted job color	\$1,013.00
242		D	6300-0017	monitor painted silver	\$0.00
243					
244				AERIAL WARNING LIGHTS	
245		A	6550-0033-224-4T	Lights Whelen M6 LED platform pair, (1) per side	\$1,100.00
246		A	6550-0049	Lights Whelen M6 for platform (4)	\$2,255.00

247		A	6550-0080	Lights Whelen outriggers (4) M6V2RC	\$4,556.00
248		D	6550-0104-224-4U	Lights Federal side of platform	(\$946.00)
249		D	6550-0002	Lights Outriggers Trucklite	(\$1,031.00)
250		D	6550-0103-000-4U	Light Federal Signal Platform Warning lights	(\$1,961.00)
251					
252				AERIAL LIGHTING	
253		A	6560-0202-236	Light FT-WL-X-9 Led at tip, Firetech lef flood/spot light with white housing. Includes switch on lighthead and turntable console. Location right side front of platform	\$1,313.00
254		A	6560-0085-000-06	Lights climbing LED Dual RED	\$14,266.00
255		A	6560-0202-235	Light FT-WL-X-9 Led at tip, Firetech lef flood/spot light with white housing. Includes switch on lighthead and turntable console. Location Left side front of platform	\$1,313.00
256		D	6560-0163-237	Lights Whelen Micro Pioneer	(\$1,246.00)
257		D	6560-0084-000-06	Ladder climbing lights single side	(\$7,136.00)
258					
259				WATERWAY OPTIONS	
260		A	6350-0012-219	Valve 2.5" akron platform located left rear of platform	\$2,583.00
261		A	6350-0014	Elbow 2.5" w/reducer for platform discharge	\$434.00
262					
263				BREATHING AIR	
264		D	6400-0003	Breathing air system for ladder	(\$11,670.00)
265					
266				AERIAL EQUIPMENT	
267		A	6500-0019-266	Bracket for Axe right side of platform interior	\$690.00
268		A	6500-0001-221	Box Hose for 2.5" x 50' left side of platform	\$989.00
269		A	6500-0145	Lifting eye tie off package platform	\$3,095.00
270		A	6500-0028	Guides rappelling rope pair platform	\$392.00
271		A	6500-0013-139	tube for pike pole in fly right side	\$417.00
272		D	6500-0149-1CG-5W	bracket for stokes basket on base	(\$606.00)
273					
274				AERIAL LADDER BRACKETS	

275		A	6600-0009	Bracket for Parapet Ladder / platform	\$2,922.00
276					
277				SIGN PLATES	
278		A	6750-0014	(2) brackets for aerial sign plate larger size	\$798.00
279		A	6750-0002-000-39	Large size aerial sign plates, pair	\$2,964.00
280		D	6750-0004-000-39	Sign plate standard size	(\$2,484.00)
281					
282				EXTERIOR PAINT	
283		A	8100-0355	Paint steel work and lift cylinders match two tone paint upper color	\$0.00
284		D	8100-0354	Paint steel work and lift cylinders match single tone paint	\$0.00
285					
286				INTERIOR PAINT	
287		A	8150-0024	Door panel masking - two tone paint	\$0.00
288					
289				PROTECTIVE COATINGS	
290		A	8175-0086-000-39	Scorpion coat top bumper perimeter	\$547.00
291					
292				STRIPING	
293		A	8300-0101	Stripe rubrail black	\$339.00
294		D	8300-0042	Stripe rubrail white	\$0.00
295					
296				GRAPHICS	
297		A	8400-0033	Logo E-One Sign gold lift Cylinders	\$137.00
298		D	8400-0022	Logo E-One reflective lift cylinders	\$0.00
299				Provide Scorpion Paint Protection on cab door openings including grab handle areas to rear of doors.	\$3,095.00
300				Storage Cabinet Center Rear Crew Area. 44" wide x 28" tall x 53" minimum extending from the rear of the engine tunnel to the rear wall. Provide one (1) adjustable shelf. Sides to be open. Provide cargo netting each side. Provide one (1) full length grab handle each side parallel to the SCBA seats on top of the storage cabinet.	\$4,805.00

301					Programming instructions. Red cab ceiling dome lights to work off of door ajar circuit I/P/O white lights.	\$200.00
302					Provide coat hooks in rear cab area on rear wall across from SCBA Seats. Two (2) each side for a total of four (4).	\$638.00
303					Locate the aerial PTO engagement switch in the drivers left side dash area. Customer requests that aerial engagement switch be accessible thru driver's door.	
304				1070-0021	Provide FIREMAXX air suspension for rear axle.	\$19,282.00
305					Torque Box Modification for FIREMAXX	\$2,812.00
306					Delete std springs	(\$6,000.00)
307					SideStacker hosebed to have a closed top. Option for side access lift doors has been selected. Top to have diamondplate.	\$3,121.00
308					Add J-Style Roof bracket on right side base behind sign board for a DRL-20	\$3,018.00
309					Provide a ladder bracket inside the driver's side fly section for a DRL-16' roof ladder.	\$575.00
310					Delete existing monitor with std nozzle	(\$21,945.00)
311					Aerial nozzle to be provided with a stream shaper and multiple stacked tips, largest stack tip to be 2".	\$19,028.00
312					Provide a total of two (2) 10' pike pole tubes on the right fly section. Tubes to accommodate NY style roof hooks.	\$894.00
313				6560-0216-568	Provide a FireTech 15" 12V mini double stacked trunnion mount light. Includes switch on the platform and turntable console. Location: right side of platform offset rearward.	\$2,287.00
314				6560-0216-23M	Provide a FireTech 15" 12V mini double stacked trunnion mount light. Includes switch on the platform and turntable console. Location: left side of platform offset rearward.	\$2,287.00
315				6560-0216-237	Provide a FireTech 15" 12V mini double stacked trunnion mount light. Includes switch on the platform and turntable console. Location: center front platform.	\$2,287.00
316					Drivers side forward wheel well storage to have storage for three (3) fire extinguishers.	\$1,481.00

					Drivers side center wheel well between the axles to have storage for three (3) fire extinguishers.	\$1,481.00
					Drivers side rear wheel well storage to have storage for two (2) SCBA Bottles.	\$637.00
					Officers side rear wheel well storage to have storage for twelve (12) SCBA Bottles.	\$3,952.00
				3305-0535-005	Cargo netting for inside compartment for containing cribbing in compartment when door is opened. Net to permanently fasten on the bottom just to inside of door opening and fasten with three (3) seat belt style buckles at the top just to inside door opening. Cargo netting will be 3x3 squares. Location: L4	\$519.00
					Combine compartments L5 and L6.	\$1,481.00
					Provide soft edges for rear tow eyes to prevent damage to TRT equipment when attached to tow eyes.	\$815.00
					Provide a drop in pocket for a 6' NY Roof Hook mounted on the exterior driver's side and officer's rearward cab wall. Secure with a PAC TRACK Handlelok.	\$2,439.00
					Upper Level rear warning light. Rotobeam to be Blue on driver side, red officer side.	\$0.00
					Provide one (1) Whelen M6 warning light located on rear of body above tail lights. Red color, clear lens. Black Bezel.	\$1,177.00
					Front forward facing cab additional lower level warning lights to be M6 Driver's side red, officer's side green.	\$0.00
					Provide a Whelen Dominator LED Strip warning light above the front grille. Colors to be drivers side red, officers side green.	\$1,574.00
					Programming note: platform Firetech LED Strip lights to operate from the cab Vista Displays.	\$200.00
					Paint rear ladder tunnel door only job color.	\$1,516.00
					Cross paint color for body to match FLNA 31981 Red.	\$0.00
					Paint match upper color to be FLNA 40421 Black.	\$0.00
					Provide a Sigtronics Dual Radio hard wired intercom system. Provide four (4) headset jacks in the cab.	\$0.00
					Provide a Q2B Siren brake on the driver's side upper dash.	\$338.00

					Provide a 12 volt power lead with ground on the rear cab wall on the drivers side and officers side.	\$554.00
					Delete the Smart Power Hydraulic Generator.	(\$24,903.00)
					Provide a Vanner Model VLT12-3000 3000 watt power inverter. Install in upper area of L2 or L3	\$3,600.00
					Pre Wire for Inverter	\$1,356.00
				1150-0128	Notch front bumper tray for Q2B.	\$210.00
					Provide a 110V household type receptacle in Compartment R1 on the back wall.	\$481.00
					Provide a 110V household type receptacle in Compartment R5 on the back wall.	\$481.00
					Provide a front bumper tray on the drivers side. All bumper trays to have a single raised lid.	\$1,159.00
					Provide a FireTech 72" wide 12V LED scene light over L3.	\$6,203.00
					Provide a FireTech 72" wide 12V LED scene light over R3.	\$6,203.00
					Covers for FireTech 72" wide Lights	\$1,400.00
					Provide Scorpion Paint Protection on the front bumper gravelshield and tray lids. Color: black.	\$1,810.00
				3136-0548	Stokes basket and pike pole storage compartment in pump module. Locate forward of crosslays. Includes vertically hinged diamond plate access door each side. To accommodate Ferno Traverse 7003850 Stokes basket and four (4) 6' pike poles with NY hook heads.	\$2,794.00
					Provide Scorpion Paint Protection for the body compartment the bottom edge and vertical edges.	\$2,345.00
					Prewire and program dealer supplied traffic emitter to be located behind the front cab grill in drivers side upper corner.	\$2,509.00
					Delete Cyclone 67 CA Cab	(\$93,996.00)
					Add Cyclone 58 CA Cab	\$96,348.00
ITEMS CHANGE ON CONFERENCE CALL 11/09/2022						
				5310-0070	Whelen Traffic Advisor Model TAL65 LED with clear lens. Locate above ladder tunnel	\$2,308.00

							Platform Monitor to be painted Black	\$0.00
						1750-0009	Radio AM/FM/CD with Weather Band. Includes front speakers	\$1,334.00
						1750-0010	Radio Speakers Additional located in rear crew area.	\$456.00
							Cab seat color to be Black	\$0.00
						5500-0009	Federal Signal PA300 Electronic Siren to be recessed mounted.	\$1,184.00
						5510-0045	Federal Signal Dynamax ES100 Siren Speaker to be located in bumper.	\$1,838.00
							Aerial Sign Plates to be painted Job Color Red	\$0.00
							Whelen Freedom IV Lightbar lens to be clear.	\$0.00
ITEMS CHANGED ON TELEPHONE CALL 11/17/2022								
							Aerial Sign Plates to be painted Job Color Black	\$0.00
							Provide one (1) LDH Adapter Cap, 5" Storz x 2.5" MNST	\$245.00
					D	6500-0019-266	Axe bracket mounted on aerial. Location: right side inside of platform	(\$690.00)
						3340-0111-701	Little Giant 17' Ladder, Change location to Officer High Side Compartment Top	\$0.00
					A		Lettering and graphics package to match existing fleet	\$5,586.00
REQUESTED PERFORMANCE BOND								
					A		Performance Bond Charge	\$6,561.00
Additions / Deletions Sub Total:								\$196,984.00
Original Contract Price:								\$1,449,771.00
New Contract Price:								\$1,646,755.00

Approval Signature:	Date:
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Highlighted cell: performed at FSInc.

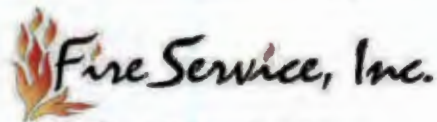


Key: A=add/C=change/D=delete/CQ=change quantity/CL=change location

AD.FSInc.3-2011



Exhibit B



Title Information Form

Please fill out the proper title information and return with the order submission. Please make sure the information is correct. This title will be processed using the information provided and **cannot** be changed. In the event that the information is incorrect, a new title will have to be ordered. Title form needs to be completed for **each** unit purchased.

FED ID # _____

Tax Exempt # _____

Customer: _____

(Name)

(Address)

(City, State, Zip)

If the unit is being financed and has a lien holder, please fill out the information below.

Lien Holder Name: _____

(Name)

(Address)

(City, State, Zip)

ALL MSO's and title paperwork are sent via UPS and require a signature. UPS cannot deliver to a P.O. Box. Does the title need to go somewhere other than the customer address listed above? If no, please leave blank.

Name _____

Address _____

City/State/Zip _____

Submitted:

Customer Signature: _____ Date: _____

Customer Name and Title (printed): _____

Dealer Signature: _____ Date: _____

Submit this form to the Sales / Contract Administrator with the completed order information package.

FSI Use Only:

SO #: _____

Chassis VIN: _____



**Exhibit C
Campaign Disclosure Certificate**

The Campaign Disclosure Certificate is required pursuant to the Village of Downers Grove Council Policy on Ethical Standards and is applicable to those campaign contributions made to any member of the Village Council.

Said Campaign Disclosure Certificate requires any individual or entity bidding to disclose campaign contributions, as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4), made to current members of the Village Council within the five (5) year period preceding the date of the bid or proposal release.

By signing this Agreement, Consultant/Company agrees to refrain from making any campaign contributions as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4) to any Village Council member and any challengers seeking to serve as a member of the Downers Grove Village Council.

Under penalty of perjury, I declare:

- Consultant/Company has not contributed to any elected Village position within the last five (5) years.

Jim Castellano, VP of Sales
Signature

Jim Castellano, VP of Sales
Print Name

- Consultant/Company has contributed a campaign contribution to a current member of the Village Council within the last five (5) years.

Print the following information:

Name of Contributor: _____
(company or individual)

To whom contribution was made: _____

Year contribution made: _____ Amount: \$ _____

Signature

Print Name