Patricia A. Peshka

Purchasing Agent



Frank J. Picozzi

Mayor

City of Warwick

Purchasing Division 3275 Post Road Warwick, Rhode Island 02886 Tel (401) 738-2013 Fax (401) 737-2364

The following notice is to appear on the City of Warwick's website <u>Tuesday</u>, <u>June 15</u>, <u>2021</u>. The website address is http://www.warwickri.gov/bids.

CITY OF WARWICK BIDS REQUESTED FOR

Bid2022-063 Fire Apparatus – 95' Mid-Mount Aerial Platform

Specifications are available in the Purchasing Division, Warwick City Hall, Monday through Friday, 8:30 AM until 4:30 PM on or after Tuesday, June 15, 2021.

Sealed bids will be received by the Purchasing Division, Warwick City Hall, 3275 Post Road, Warwick, Rhode Island 02886 up until **11:00 AM**, Tuesday, July 20, 2021. The bids will be opened publicly commencing at **11:00 AM** on the same day in the Lower Level Conference Room, Warwick City Hall.

Awards will be made on the basis of the lowest evaluated or responsive bid price. Please note that no bids can be accepted via email or fax.

The City of Warwick, in addition to soliciting bids in response to this bid, may consult, consider, and make an award for any and all open bid offers for a comparable unit as sought herein at the following websites:

RI State MPA: https://www.ridop.ri.gov/contract-portal/

NASPO: https://www.naspo.org/

NJPA (National Joint Powers Alliance): https://www.njpacoop.org/cooperative-purchasing

MHEC (Massachusetts Higher Education Consortium): https://www.mhec.net/

Individuals requesting interpreter services for the hearing impaired must notify the Purchasing Division at 401-738-2013 at least 48 hours in advance of the bid opening date.

Original Signature on File

Patricia A. Peshka Purchasing Agent

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

Acknowledgement of Addendum (if applicable)

	Addendum Number	Signature of Bidd	ler
COMPANY NAM	ME:		_
COMPANY ADI	DRESS:		_
COMPANY ADI	DRESS:		_
BIDDER'S SIGN	ATURE:		
BIDDER'S NAM	E (PRINT):		-
TITLE:	TEL. NO.:_		_
EMAIL ADDRES	SS:		*
*Please include your	email address. Future bids v	vill be emailed, unless	otherwise noted.
II. AWARD AND	CONTRACT:		
Agent/Finance Direct the above party to paunless another payment.	CITY OF WARWICK, acting tor/Mayor, accepts the above by the bid price upon complete ent schedule is contained in the substantive and procedural, and	bid and hereby enters a ion of the project or rec ne specifications. All to	into a contract with ceipt of the goods erms of the
D.A.TIF			
	2022-063	Purchasing Age	ent

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

CERTIFICATION & WARRANT FORM*

This form <u>must</u> be completed and submitted with sealed bid. Failure to do so will result in automatic rejection.

Any and all bids shall contain a certification and warrant that they comply with all relevant and pertinent statues, laws, ordinances and regulations, in particular, but not limited to Chapter 16-Conflicts of Interest, of the Code of Ordinances of the City of Warwick. Any proven violation of this warranty and representation by a bidder at the time of the bid or during the course of the contract, included, but not limited to negligent acts, either directly or indirectly through agents and/or sub-contractors, shall render the bidder's contract terminated and the bidder shall be required to reimburse the City for any and all costs incurred by the City, including reasonable attorney fees, to prosecute and/or enforce this provision.

Signature	Date
Company Name	
Address	
Address	

*This form cannot be altered in any way

CITY OF WARWICK NOTICE TO BIDDERS

Bid2022-063 Fire Apparatus – 95' Mid-Mount Aerial Platform

If you received this document from our homepage or from a source other than the City of Warwick Purchasing Division, please check with our office prior to submitting your bid to ensure that you have a complete package. The Purchasing Division cannot be responsible to provide addenda if we do not have you on record as a plan holder.

Bids received prior to the time of the opening will be securely kept, unopened. No responsibility will be attached to an officer or person for the premature opening of a bid not properly addressed and identified. No bids will be accepted via facsimile or email.

The opening of bids will be in the order established by the posted agenda and the agenda will continue uninterrupted until completion.

Once an item has been reached and any bids on that item has been opened, no other bids on that item will be accepted and any such bid will be deemed late.

The contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap for any position for which the employee or applicant is qualified and that in the event of non-compliance the City may declare the contractor in breach and take any necessary legal recourse including termination or cancellation of the contract.

A bidder filing a bid thereby certifies that no officer, agent, or employee of the City has a pecuniary interest in the bid or has participated in contract negotiations on the part of the City, that the bid is made in good faith without fraud, collusion, or connection of any kind with any other bidder for the same call for bids, and that the bidder is competing solely in his own behalf without connection with, or obligation to, any undisclosed person or firm.

All bids should be submitted with one (1) original and one (1) copy in a sealed envelope, which should read: *YOUR COMPANY NAME* plainly marked on the exterior of the envelope as well as "Bid2022-063 Fire Apparatus – 95' Mid-Mount Aerial Platform."

All proposals submitted become the property of the City and will not be returned. If the company intends to submit **confidential or proprietary information** as part of the proposal, **any limits on the use or distribution of that material should be clearly delineated in writing. This information should be submitted in a sealed envelope, clearly labeled confidential** and where it should be submitted in the response. Please be advised of the Freedom of Information Act as it may pertain to your submittal.

Should you have any questions, please contact Chief Peter McMichael, Warwick Fire Department, at 401-468-4049.

All bids should be written in ink or typed. If there is a correction with whiteout, the bidder must initial the change.

Negligence on the part of the bidder in preparing the bid confers no rights for the withdrawal of the bid after it is open.

Any deviation from the specifications must be noted in writing and attached as part of the bid proposal. The bidder must indicate the item or part with the deviation and indicate how the bid will deviate from specifications.

The IRS Form W-9 available on www.warwickri.gov should be completed and submitted with the bid if the bidder falls under IRS requirements to file this form.

Bid surety in the form of a bank check, original bid bond or certified check in the amount of **ten percent** (10%) of the total bid price must be submitted with each proposal. If a bid bond is submitted, it shall be duly executed by the bidder as principal and having as surety thereon a surety company licensed to do business in the State of Rhode Island and approved by the owner.

The successful bidder must provide the City of Warwick with an original **Certificate of Insurance** for General & Automobile Liability in a minimum amount of \$1 million. The certificate of insurance must name the *City of Warwick as the additional insured* and so stated on the certificate with the bid name and bid number. It is the vendor's responsibility to provide the City of Warwick with an updated certificate of insurance upon expiration of the original certificate.

The successful bidder must furnish a **performance bond** in the amount of 100 percent of the total proposal price.

For a bid to be awarded to a corporation, limited liability company or other legal entity, prior to commencing work under the awarded bid, that corporation, company or legal entity may be required to provide to the Purchasing Agent a **Certificate of Good Standing** dated no more than thirty (30) days prior to the date upon which the bid approval was made.

The successful bidder will provide said **Certificate of Insurance**, **bonds** and **Certificate of Good Standing** within ten (10) calendar days after notification or the City reserves the right to rescind said award.

Prices to be held firm one year from date of award. Term contracts may be extended for one additional term upon mutual agreement unless otherwise stated.

The contractor must carry sufficient liability insurance and agree to indemnify the city against all claims of any nature, which might arise as a result of his operations or conduct of work.

The City is exempt from the payment of the Rhode Island Sales Tax under the 1956 General Laws of the State of Rhode Island, 44-18-30, Paragraph I, as amended.

The Purchasing Agent reserves the right to reject any and all bids, to waive any minor deviations or informalities in the bids received, and to accept the bid deemed most favorable to the interest of the City.

The successful bidder must comply with all Rhode Island Laws applicable the public works projects, including, but not limited to provisions of Chapter 13 of Title 37 of the Rhode Island General Laws, pertaining to prevailing wage rates, and all other applicable local, state and federal laws.

The City reserves the right to terminate the contract or any part of the contract in the best interests of the City, upon 30-day notice to the contractor. The City will incur no liability for materials or services not yet ordered if it terminates in the best interests of the City. If the City terminates in the interests of the City after an order for materials or services have been placed, the contractor will be entitled to compensation upon submission of invoices and proper proof of claim, in that proportion which its services and products were satisfactorily rendered or provided, as well as expenses necessarily incurred in the performance of work up to time of termination.

No extra charges for delivery, handling or other services will be honored. All claims for damage in transit will be the responsibility of the successful bidder. Deliveries must be made during normal working hours unless otherwise agreed upon.

All costs directly or indirectly related to the preparation of a response to this solicitation, or any presentation or communication to supplement and/or clarify any response to this solicitation which may be required or requested by the City of Warwick will be the sole responsibility of and will be borne by the respondent.

If the respondent is awarded a contract in accordance with this solicitation and the respondents bid or response and if the respondent fails or refuses to satisfy fully all of the respondents obligations thereunder, the City of Warwick will be entitled to recover from the respondent any losses, damages or costs incurred by the City as a result of such failure or refusal.

The City reserves the right to award in part or full and to increase or decrease quantities in the best interest of the City.

Any quantity reference in the bid specifications are estimates only, and do not represent a commitment on the part of the City of Warwick to any level of billing activity. It is understood and agreed that the agreement will cover the actual quantities ordered during the contract period.

The City reserves the right to rescind award for non-compliance to bid specifications.

The successful bidder must adhere to all City, State and Federal Laws, where applicable.

BID SPECIFICATIONS FIRE APPARATUS – 95' Mid-Mount Aerial Platform

Intent of Specifications	Bidder Complies YES NO
It is the intent of these specifications to cover the a complete vehicle equipped as here in after specifications and the most acceptable apparatus, these requirements as to the type of construction, finish conform, together with certain details as to equip details of construction and materials, where not discretion of the contractor, who must be solely in the apparatus must conform to the requirements standard to the extent of specified herein.	cified. With a view to obtaining the best e specifications cover minimum n, and test to watch the apparatus must ment in appliances to be furnished. Minor otherwise specified, are left to the esponsible for the design and construction.
Qualification of Bidders	Bidder Complies YES NO
Bids will only be considered on vehicles construct whose manufacturers have an established reputation of fire apparatus construction. The cab, character all be constructed by one manufacturer, IE: not be accepted. Each manufacturer must furnish construct the apparatus as specified and must st complete apparatus will be built.	ation of permanency and reliability in the ssis, body, and aerial device (if applicable) single source. Bids stating otherwise will a satisfactory evidence of their ability to
1) How long has the manufacturer been buildNumber of years.	ding chassis at this location?
2) How long has the manufacturer been buildNumber of years	ding bodies at this location?
Service Requirements	Bidder Complies YES NO
It is the intent of the purchaser to assure that par apparatus specified. To ensure proper service, n owns or offers facilities where complete parts and miles of Warwick Fire Department Headquarters facility must be staffed by full-time personnel who	o bid will be accepted unless the builder d service are available within fifty (50) (111 Veterans Memorial Drive). The

apparatus specified. To ensure proper service, no bid will be accepted unless the builder owns or offers facilities where complete parts and service are available within **fifty (50) miles** of Warwick Fire Department Headquarters (111 Veterans Memorial Drive). The facility must be staffed by full-time personnel who are factory trained and EVT certified in the operation and repair of the fire apparatus with full authorization of the manufacturer. In addition, to ensure a prompt service, the facility must be solely dedicated to the service and repair of emergency vehicles. The facility must maintain a complete inventory including body components, electrical items, fire apparatus hardware, etc., and show offer on-site services including pump overhaul, body fabrication, collision repair, and a paint shop complete with a cross float booth with air make up and bake options to ensure the highest quality paint finish available. Bids from manufacturers who use third-party service people are facilities, or who do not offer a service center will be immediately rejected. Furthermore, due to a concern over having vehicles out of service for extended periods of time because of having to be sent back to the original manufacturer's location for repairs, any bidder who

cannot guarantee that all future repairs will be handled at a local level will not be accepted.

EVT Qualifications	Bidder Complies	YES	NO
Due to the highly specialized nature of fire appara employed by the builder must be in conformance bidder must employ at least (2) two technicians c amassed every EVT certification). Proof of current bid. There must be no exceptions to this requirement meet these requirements will be immediately rejections.	with NFPA standard ertified as a "Master nt certification must nent. Bids from orga	ds 1915 ar Mechanic be supplie	nd 1071. The c" (having ed with the
Service Questionnaire			
The bidder must include the following information	with their bid.		
Number of miles from the purchaser to the neares by the bidder.	st staff service facilit	ty owned a	and operated
Number of Miles			
The number of service bays and square feet of se	ervice space at the b	oitters serv	vice facility.
Number of bays Square	e Feet	_	
The length of time the service facility has been in dealer.	business as an eme	ergency ve	ehicle
Number of Years			
How long has the dealer been selling the brand o	f emergency vehicle	being pro	posed?
Number of Years			
Has the dealer/distributor represented other man past?	ufacturers of emerge	ency vehic	eles in the
YES NO If Yes, explain			

Number of aerials that have been delivered by the dealer/distributor since it has been in business representing its current brand of emergency vehicles?

Number of Aerials _______

Is the dealer strictly dedicated to selling and servicing emergency vehicles and equipment or do they sell in service other products?
• YES NO If No, explain
Number of EVT certified personnel employed? Number of EVT master mechanics?
Number of EVT certified personnel
Number of Master Mechanics
Number of full-time mechanics employed by the bidder that is solely dedicated to servicing emergency vehicles?
Number of solely dedicated mechanics
Full body/collision repair, fabrication, and paint booth on site
• YES NO If No, explain
Does the local service facility except work on other vehicles IE; DPW, oil, concrete, etc. of fleet trucks in addition to emergency vehicles on a regular basis?
• YES NO If No, explain
Does the possibility exist that the emergency vehicle may have to go back to the original manufacturer's location for warranty work?
• YES NO If Yes, explain
Does the dealer/distributors service facility perform all warranty work for the products they represent?
• YES NO If No, explain
Does the dealer offer a mobile service that can respond to a priority service call within 48 hours?
• VES NO If No explain

Delivery

Bidder Complies	YES	NO
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The apparatus must be delivered under its own power to ensure adequate break in while under warranty. It must first be transported to the local service facility, where final inspection and preparation will be provided, including mounting of related equipment. The apparatus will then be delivered to the purchaser's location.

Post-Delivery Training

Bidder Complies YES ___ NO ___

On one (1) mutually agreeable date after delivery, a certified delivery engineer must familiarize those persons designated by the fire chief with the basic operation of the apparatus and its components. This must be a full instructional program including both classroom and practical or hands-on training. Limited programs or drop off type deliveries are unacceptable.

Construction Time

Bidder Complies YES ___ NO ___

The completed apparatus must be delivered within the time frame specified in the proposal and recorded on the bidder's pricing sheet. This time frame will begin from the signing of the final purchase contract and end upon delivery of the vehicle to the purchaser's location.

Penalty Clause

Bidder Complies YES ___ NO ___

A penalty of \$100 will be assessed for each day after the conclusion of the proposed construction time frame up until the vehicle delivery date.

Loaner Vehicle

Bidder Complies YES ___ NO ___

The successful better must offer a loaner vehicle program, when available.

Approval drawings

Bidder Complies YES ___ NO ___

A general arrangement drawing depicting the vehicles appearance must be provided. The drawing must consist of left side, right side, front, and rear elevation views

Manufacturer Inspection Trip

Bidder Complies YES ___ NO ___

An all-expense paid pre-build trip to the manufacturing facility to inspect the vehicle prior to the delivery is included for three (3) Fire Department representatives.

Technical Specifications:

BIDDER COMPLIES

Single Source Manufacturer - Chassis, Cab, Body, and aerial devices 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. BUMPERS YE 12" Front Bumper Gravel Shield Extension. Heavy duty front bumper 10" high with full wrap around. Driver side of bumper to have a 5" deep notch for recessed Q2B. Bumper to be painted job color. 3/16" Front Bumper Gravel Shield. Extend shield to flush with heavy duty bumper edge. FRAME ASSEMBLY YE Frame - Formed torque box for 95' Mid-Mount aerial. Includes 12" high rails below cab. Outriggers and jacking system, Torque Box, Cross Members, Extensions, Battery Boxes, etc. to be Galvanized/Zinc Flame	
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high rails below cab. Outriggers and jacking system, Torque Box, Cross Members, Extensions, Battery Boxes, etc. to be Galvanized/Zinc Flame	
Extensions, Battery Boxes, etc. to be Galvanized/Zinc Flame	
Sprayed	
GEOMET coated frame assembly fasteners.	
AXLE OPTIONS YE	S NO
Dana 22,800 lb. front axle. For use with disc brakes only (Miniumum)	
0 Meritor rear tandem axle 54,000 lb. capacity. (Minimum)	
1 Koni shock absorbers for front axle - adjustable.	
SUSPENSIONS	S NO
2 Ridewell Dynalastic rear suspension (40-54K) rated equal to the capacity of the axles	
VHEEL OPTIONS YE	S NO
3 Steel wheels for front axle (2).	
4 Steel wheels for rear axles (8).	
Front axle wheel trim kit. Includes stainless steel lug nut covers (chrome plated plastic if applicable) and center cap. Note: Center cap will have an inspection port in place of a logo if equipped with Stemco oil seals.	
Rear axle (tandem) wheel trim kit. Includes stainless steel lug nut covers (chrome plated plastic if applicable) and center cap. Custom chassis w/steel wheels will have chrome plated plastic lug covers.	
7 Each inside wheel of the tandem rear axles shall have valve stem extensions.	
TIRE OPTIONS YE	S NO
8 Two Michelin 425 tires model XFE for front axle.	
9 Eight Michelin rear tires with All Weather Tread	

20	RWC AirGuard LED tire pressure monitoring valve stem caps (10) for tandem rear axle applications.		
BRA	KE SYSTEMS	YES	NO
21	Parking brake release mounted on the driver's side lower dash.		
22	Brake system air 6X4/6X6.		
23	ArvinMeritor 16-1/2" x 7" S-cam brakes with cast brake drums for a tandem rear axle.		
24	G4 Electronic Stability Control (6x4), Includes RSC and ATC.		
25	Dana ADB22X 17" disc brakes for front axle.		
AIR	SYSTEM OPTIONS	YES	NO
26	Inlet for air system. Location: driver door jamb.		
27	Air dryer Bendix AD-9.		
28	Air lines nylon.		
29	Air horns Grover stuttertone recessed in bumper (PR).		
30	Three (3) Stainless steel mounting straps for air tank.		
ENG	INES & TRANSMISSIONS	YES	NO
31	Eng/Trans Cummins X15 565HP with EVS4000 transmission. 2021 EPA Compliant.		
32	Push-button transmission shift selector.		
33	TranSynd, Shell Spirax S6ATF A295, or equivalent synthetic transmission fluid for EVS 4000.		
34	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.		
SEC	ONDARY BRAKING	YES	NO
35	Jacobs engine compression brake.		
36	Transmission to seek second gear when Jacobs engine brake or Telma retarder is engaged.		
EXH	AUST OPTIONS	YES	NO
37	Exhaust end with fresh air vent for Plymovent exhaust extraction system.		
COC	LING PACKAGE	YES	NO
38	Cooling system for use with chassis. For use with 2010 - 2021 EPA engines. Includes coolant recovery system.		
FUE	LSYSTEMS	YES	NO
39	Dual fuel fill package. Additional fuel fill provided on officer side of unit.		
40	Fuel line hose braided. Includes fuel pick-up (if applicable).		
41	Fuel shut-off valve. Location: one (1) at fuel tank.		
42	Fuel system w/65 gallon stainless steel tank with Stainless Steel Straps		
ALT	ERNATOR	YES	NO
43	Alternator Leece Neville 420 amp. 420 amp SAE/369 amp NFPA.		
BAT	TERIES	YES	NO
_			

CHASSIS OPTIONS	44	Battery four group 31 1000 CCA.		
Activated All Cabonium Care Activated	СНА	SSIS OPTIONS	YES	NO
47 Tow eyes front Painted Below Bumper 48 Tow eyes rear frame painted black. 49 Hot shift PTO. 50 Diesel Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. 51 Radiator mounted power steering cooler. CAB MODEL 52 Extruded Alumnimum CA - 54" (CA not to exceed 60") - to be 3/16 Extruded Alumnimum - Roll Cage Design CAB ROOF TYPE 53 Cab roof to be flat CAB DOOR OPTIONS 54 Rear crew cab doors in the medium position. 55 All cab exterior access doors to have 1250 keyed locks. Interior cab door locks - manual. Will be individually actuated from each respective door. Includes key lock on each exterior cab door handle. Red/Fluorescent Yellow Green Reflexite V98 chevron "A" stripe on lower cab door panels stainless steel. Includes upper and lower panels with seam below handrail. Anodize aluminum trim on bottom edge of the exterior cab compartment openings. Includes wheel well and rear compartments (as applicable). 60 Driver and officer cab door windows with manual regulators. 61 Rear crew cab door window(s) with manual regulator(s). 62 Cab doors to be barrier style CAB STEP OPTIONS All cab doors to have step below cab door. Open back style with angled corners. Steps under front cab doors shall not interfere with approach angle. 64 Lower steps to extend 3.5" past cab. MIRRORS NO MISC EXTERIOR CAB OPTIONS YES NO YES NO MISC EXTERIOR CAB OPTIONS YES NO	45	Thermatic fan clutch.		
Hot shift PTO. Diesel Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Possible Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear	46	Drivelines 1810. Required on 1550 lb/ft torque or greater engines.		
Hot shift PTO. Diesel Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab.	47	Tow eyes front Painted Below Bumper		
Diesel Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab. Radiator mounted power steering cooler. CAB MODEL Custom Cab Minimum CA - 54" (CA not to exceed 60") - to be 3/16 Extruded Alumnimum - Roll Cage Design CAB ROOF TYPE YES NO 32 Cab roof to be flat CAB DOOR OPTIONS Fear crew cab doors in the medium position. 53 All cab exterior access doors to have 1250 keyed locks. Interior cab door locks - manual. Will be individually actuated from each respective door. Includes key lock on each exterior cab door handle. Red/Fluorescent Yellow Green Reflexite V98 chevron "A" stripe on lower cab door panels approx 12" high. Stainless steel/painted door panels only. Cab door panels stainless steel. Includes upper and lower panels with seam below handrail. Anodize aluminum trim on bottom edge of the exterior cab compartment openings. Includes wheel well and rear compartments (as applicable). Diriver and officer cab door window(s) with manual regulators. Rear crew cab door window(s) with manual regulator(s). All cab doors to be barrier style CAB STEP OPTIONS All cab doors to have step below cab door. Open back style with angled corners. Steps under front cab doors shall not interfere with approach angle. All cab doors to extend 3.5" past cab. MIRRORS Retrac Aerodynamic dual vision chrome west coast style mirrors (PR) mounted on cab doors. MISC EXTERIOR CAB OPTIONS YES NO MISC EXTERIOR CAB OPTIONS YES NO	48	·		
rear of cab. Radiator mounted power steering cooler. CAB MODEL Custom Cab Minimum CA - 54" (CA not to exceed 60") - to be 3/16 Extruded Alumnimum - Roll Cage Design CAB ROOF TYPE YES NO Cab roof to be flat CAB DOOR OPTIONS All cab exterior access doors to have 1250 keyed locks. Interior cab door locks - manual. Will be individually actuated from each respective door. Includes key lock on each exterior cab door handle. Red/Fluorescent Yellow Green Reflexite V98 chevron "A" stripe on lower cab door panels approx 12" high. Stainless steel/painted door panels only. Cab door panels stainless steel. Includes upper and lower panels with seam below handrail. Anodize aluminum trim on bottom edge of the exterior cab compartment openings. Includes wheel well and rear compartments (as applicable). Driver and officer cab door windows with manual regulators. Cab doors to be barrier style CAB STEP OPTIONS All cab doors to have step below cab door. Open back style with angled corners. Steps under front cab doors shall not interfere with approach angle. MIRRORS NO Retrac Aerodynamic dual vision chrome west coast style mirrors (PR) mounted on cab doors. MISC EXTERIOR CAB OPTIONS YES NO No window on the driver side of the cab over wheel well.	49	Hot shift PTO.		
CAB MODEL CUSTOM Cab Minimum CA - 54" (CA not to exceed 60") - to be 3/16 Extruded Alumnimum - Roll Cage Design CAB ROOF TYPE YES NO 3 Cab roof to be flat CAB DOOR OPTIONS 4 Rear crew cab doors in the medium position. 5 All cab exterior access doors to have 1250 keyed locks. Interior cab door locks - manual. Will be individually actuated from each respective door. Includes key lock on each exterior cab door handle. Red/Fluorescent Yellow Green Reflexite V98 chevron "A" stripe on lower cab door panel approx 12" high. Stainless steel/painted door panels only. Cab door panels stainless steel. Includes upper and lower panels with seam below handrail. Anodize aluminum trim on bottom edge of the exterior cab compartment openings. Includes wheel well and rear compartments (as applicable). Cab doors to be barrier style CAB STEP OPTIONS All cab doors to have step below cab door. Open back style with approach angle. All cab doors to have step below cab doors shall not interfere with approach angle. EACH STEP OPTIONS Retrac Aerodynamic dual vision chrome west coast style mirrors (PR) mounted on cab doors. MISC EXTERIOR CAB OPTIONS YES NO NO STEP OPTIONS Retrac Aerodynamic dual vision chrome west coast style mirrors (PR) mounted on cab doors. MISC EXTERIOR CAB OPTIONS YES NO	50	, , ,		
Custom Cab Minimum CA - 54" (CA not to exceed 60") - to be 3/16 Extruded Alumnimum - Roll Cage Design CAB ROOF TYPE YES NO CAB DOOR OPTIONS 4 Rear crew cab doors in the medium position. 51 All cab exterior access doors to have 1250 keyed locks. Interior cab door locks - manual. Will be individually actuated from each respective door. Includes key lock on each exterior cab door handle. Red/Fluorescent Yellow Green Reflexite V98 chevron "A" stripe on lower cab door panel approx 12" high. Stainless steel/painted door panels only. Cab door panels stainless steel. Includes upper and lower panels with seam below handrail. Anodize aluminum trim on bottom edge of the exterior cab compartment openings. Includes wheel well and rear compartments (as applicable). Driver and officer cab door windows with manual regulators. Rear crew cab door window(s) with manual regulator(s). Cab step OPTIONS All cab doors to be barrier style CAB STEP OPTIONS All cab doors to have step below cab door. Open back style with angled corners. Steps under front cab doors shall not interfere with approach angle. MIRRORS NO MIRRORS YES NO MISC EXTERIOR CAB OPTIONS YES NO No window on the driver side of the cab over wheel well.	51	Radiator mounted power steering cooler.		
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Retrac Aerodynamic dual vision chrome west coast style mirrors (PR) mounted on cab doors. MISC EXTERIOR CAB OPTIONS No window on the driver side of the cab over wheel well.	64	Lower steps to extend 3.5" past cab.		
(PR) mounted on cab doors. MISC EXTERIOR CAB OPTIONS No window on the driver side of the cab over wheel well.	MIRE	RORS	YES	NO
No window on the driver side of the cab over wheel well.	65			
	MISC	EXTERIOR CAB OPTIONS	YES	NO
No window on the officer side of the cab over wheel well.	66	No window on the driver side of the cab over wheel well.		
	67	No window on the officer side of the cab over wheel well.		

68	Pair of 18" handrails located just behind driver and officer front door one each side.		
69	Pair of 18" handrails located just behind driver and officer rear door (ALS doors if equipped) one each side.		
70	Mud flaps, front, black		
71	Rear cab wall to be 3/16" aluminum diamond plate.		
72	Large radius cab wheel well. Includes bolt-on adjustable wheel well trim.		
73	Mounting plate for battery charger receptacle, indicator, air inlet, etc (if applicable). Plate to be removable brushed stainless steel.		
74	Rubber fenderettes in place of standard fender.		
HVA	C	YES	NO
75	Controls for heating and air conditioning shall be located in the center dash area.		
76	Air conditioning with roof top mounted condenser. Includes reduced profile evaporator w/powder coated cover and electronic controls.		
77	Roof top mounted condenser to be painted Job Color		
SEA	TS .	YES	NO
78	Seats, Bostrom brand.		
79	Seat cover material vinyl - color gray		
80	Driver seat to be Bostrom air ride.		
81	Officer seat to be Bostrom fixed SCBA.		
82	Bostrom SecureAll mechanical air pack bottle bracket (EA). Location: officer's seat.		
83	Fold down seat with Bostrom SCBA back located driver's side inboard.		
84	Fold down seat with Bostrom SCBA back located officer's side inboard.		
85	Bostrom SecureAll mechanical air pack bottle bracket (EA) for fold-down seat. Location: inboard driver's side rear wall.		
86	Bostrom SecureAll mechanical air pack bottle bracket (EA) for fold-down seat. Location: inboard officer's side rear wall.		
87	ReadyReach seat belt extender. Location: driver's seat.		
88	ReadyReach seat belt extender. Location: officer's seat.		
89	ReadyReach seat belt extender. Location: inboard driver's side rear wall.		
90	ReadyReach seat belt extender. Location: inboard officer's side rear wall.		
91	Seating capacity tag of four occupants.		
MED	ICAL CABINETS	YES	NO
92	Cab medical/storage cabinet(s) finish to be gray. Includes interior/exterior of cabinet and shelves/trays if equipped.		

93	Officer side cab wheel well medical cabinet with external locking pan door painted job color and interior cargo net with Seat Belt Style Buckles, NO SNAPS. Cabinet includes (2) adjustable shelves. Cabinet is approximately 42H x 22W x 28D		
94	Driver side cab wheel well medical cabinet with external locking pan door painted job color and interior cargo net with Seat Belt Style Buckles, NO SNAPS. Cabinet includes (2) adjustable shelves. Cabinet is approximately 42H x 22W x 28D		
MISC	INTERIOR CAB OPTIONS	YES	NO
95	Cab interior gray. Does not include engine cover or seat color.		
96	Padded sun visors, driver and officer's side overhead.		
97	Severe duty engine cover, molded polyurethane.		
98	Severe duty overhead console, 3/16" aluminum construction. Includes driver, center and officer overhead ahead of air conditioning plenum. Center overhead includes siren mounting locations. Overhead to match cab interior.		
99	Reduced profile rear engine cover.		
100	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.		
101	Cab insulation package. Includes insulation for ceiling, front wall, rear wall, side walls, below seat risers and in doors.		
102	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.		
CAB	ELECTRICAL OPTIONS	YES	NO
103	Auto-Eject receptacle inlet 20 amp located outside driver's door next to handrail with a Red cover.		
104	Clamshell controller mounted on officer's side of engine cover for the air horns.		
105	Switch horn button two position DOT/air horn.		
106	Cab Headlights. Position: lower.		
107	12 VDC (or 24VDC) electrical outlet wired battery hot. Location: driver side dash.		
108	12 VDC (or 24VDC) electrical outlet wired battery hot. Location: officer side dash.		
109	12 VDC (or 24VDC) electrical outlet wired battery hot. Location: rear wall of driver side medical compartment up high.		
110	12 VDC (or 24VDC) electrical outlet wired battery hot. Location: rear wall of officer side medical compartment up high.		
111	Antenna base Tessco P/N 90942 (NMO Motorola Style - also called MATM style) on cab roof. Location: driver side forward with coaxial cable terminating Behind Driver's Seat.		

112	Antenna base Tessco P/N 90942 (NMO Motorola Style - also called MATM style) on cab roof. Location: driver side forward with coaxial cable terminating Behind Driver's Seat.		
113	Antenna base Tessco P/N 90942 (NMO Motorola Style - also called MATM style) on cab roof. Location: driver side forward with coaxial cable terminating Behind Driver's Seat.		
114	English dominant main cab gauge cluster.		
115	Dome Lts 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.		
116	ATC override switch.		
117	Battery charger to be located Battery charger to be located Upper Rear Wall of Driver's Medical Compartment.		
118	Battery charger 120 volt inlet, 20 amp output. Includes status indicator panel.		
119	Dual USB charging ports in the cab wired battery hot. Location: driver side dash.		
120	Dual USB charging ports in the cab wired battery hot. Location: officer side dash.		
121	Dual USB charging ports in the cab wired battery hot. Location: rear wall of driver side medical compartment up high.		
122	Dual USB charging ports in the cab wired battery hot. Location: rear wall of officer side medical compartment up high.		
123	Momentary DPF regeneration override switch.		
124	Control push-button switch on officer's switch panel for Q2B siren brake.		
125	Firetech LED cab headlights		
126	TecNiq D07 LED cab door step area lighting. Includes (2) lights at each door area. Lights to be switched with door ajar.		
127	Turn signal TecNiq LED strip (PR) with clear lense and polished alum housing located between quad headlight bezels		
BOD	Y MODEL	YES	NO
128	Body to be Minimum 3/16" Extruded Aluminum body or Stainless Steel Body		
129	MidMount front body without pump.		
130	MidMount center body without tank.		
131	MidMount rear body without hosebed.		
BOD	Y COMPT REAR	YES	NO
132	Rear of body to have un-painted smooth plate overlay style body panels to facilitate rear body striping.		
AER	IAL BODY OPTIONS	YES	NO
133	Recessed tubes for (6) pike poles.		

134	Storage box at rear of body for handheld jack control 12W x 13H x 8D. Locate below extended top step. Material to be the same as rear body surface.		
135	Cover plate over hydraulic generator lines located towards front of compartment below generator.		
136	Rear ladder tunnel doors. Vertically hinged smooth plate to match rear body finish.		
137	Doors for rear master and jack control controls. Doors will match rear body finish.		
138	Jack leg opening covers diamond plate (2) sets. Includes diamond plate outrigger covers and fixed diamond plate filler panels.		
139	Integral outrigger pad extensions (4) 15" x 20" x .5" steel plate welded to standard jack foot plates.		
DOO	RS	YES	NO
140	Door single vertical hinged painted. Location(s): L1		
141	Door single vertical hinged painted. Location(s): L2		
142	Door single vertical hinged painted. Location(s): R1		
143	Door single vertical hinged painted. Location(s): R2		
144	Door single horizontal hinged lift-up box pan configuration painted for Stokes Basket above intake		
145	Door single horizontal hinged lift-up box pan configuration painted. Location(s): L4		
146	Door single horizontal hinged lift-up box pan configuration painted. Location(s): L5		
147	Door single horizontal hinged lift-up box pan configuration painted. Location(s): R4		
148	Drip pans for all roll-up doors		
149	Door roll up tall (greater than 45") with painted finish Amdor. Location(s):L6.		
150	Door roll up tall (greater than 45") with painted finish Amdor. Location(s):R6.		
151	Door roll up short (up to 45") with painted finish Amdor. Location(s): L7.		
152	Door single horizontal hinged lift-up box pan configuration painted. Location(s): R5		
153	Door roll up short (up to 45") with painted finish Amdor. Location(s): R7.		
154	Door roll up short (up to 45") with painted finish Amdor. Location(s): R8.		
155	Door double vertical hinged w/rotary latches - painted . Location(s): L3 Includes latch handle extension installed on secondary door's interior latch with "PULL" tags using .125 plate.		

156	Door double vertical hinged w/rotary latches - painted . Location(s): R3 Includes latch handle extension installed on secondary door's interior latch with "PULL" tags using .125 plate.		
157	Pull-down bungee type straps for full height and high side roll-up door(s) on body / pump module. For use with ROM and AMDOR doors only.		
SHE	LVES	YES	NO
158	Tracks for adjustable shelf and/or adjustable tray in a compartment. Quantity - 8		
159	Adjustable shelf w/ Heavy Duty, front lip for non-transverse compartments. Quantity - 8		
TRA	YS / TOOLBOARDS	YES	NO
160	Tray, floor mounted roll-out with gas spring. 500 lbs. capacity. Location: 1 tray for each side in rear-most compartment.		
LAD	DER STORAGE / RACKS	YES	NO
161	Center mounted ladder tunnel. Ladder rack to hold: PEL-35, PEL-28, PEL-24, PRL-20, PRL-16, and FL-10		
HAN	DRAILS / STEPS	YES	NO
162	Step swing down diamond plate with gator grip located at each aerial access staircase (3). Includes mechanical lock to store in the up position.		
163	Access Steps forward and rearward body Driver and forward Officer's Sides (total of 3)		
MISC	C BODY OPTIONS	YES	NO
164	Cast Products recessed fuel fills with doors for dual fuel fill application.		
165	Turtle Tile Brand Black Floor Matting covering all applicable Compartment Floors, Shelves, and Rollout Trays.		
166	Mud flaps, rear		
167	Cab tilt switch and manual jack to be located: right side forward jack leg compartment low behind door in access panel (tilt sw low on frt wall).		
168	Diamond plate tandem axle wheel well. Includes bolt-on composite wheel well liners and bolt-on rubber trim fenderettes.		
169	Anodized aluminum trim on bottom edge of all body compartment openings including pump enclosure if applicable with painted edges.		
170	(2) SCBA bottle storage driver side rear wheel well offset forward over rearward wheel of tandem with hinged door and push button latch. Door material to match wheel well material. Holds standard size SCBA bottle, 20lbs ABC Extinguisher or 2.5 gal Water Extinguisher.		

171	(2) SCBA bottle storage driver side rear wheel well offset rearward over rearward wheel of tandem with hinged door and push button latch. Door material to match wheel well material. Holds standard size SCBA bottle, 20lbs ABC Extinguisher or 2.5 gal Water Extinguisher.		
172	(3) SCBA bottle storage driver side rear wheel well offset forward ahead of forward wheel of tandem with hinged door and push button latch. Door material to match wheel well material. Holds standard size SCBA bottle, 20lbs ABC Extinguisher or 2.5 gal Water Extinguisher.		
173	(2) SCBA bottle storage driver side rear wheel well offset rearward over forward wheel of tandem with hinged door and push button latch. Door material to match wheel well material. Holds standard size SCBA bottle, 20lbs ABC Extinguisher or 2.5 gal Water Extinguisher.		
174	(2) SCBA bottle storage officer side rear wheel well offset forward over rearward wheel of tandem with hinged door and push button latch. Door material to match wheel well material. Holds standard size SCBA bottle, 20lbs ABC Extinguisher or 2.5 gal Water Extinguisher.		
175	(2) SCBA bottle storage officer side rear wheel well offset rearward over rearward wheel of tandem with hinged door and push button latch. Door material to match wheel well material. Holds standard size SCBA bottle, 20lbs ABC Extinguisher or 2.5 gal Water Extinguisher.		
176	(3) SCBA bottle storage officer side rear wheel well offset forward ahead of forward wheel of tandem with hinged door and push button latch. Door material to match wheel well material. Holds standard size SCBA bottle, 20lbs ABC Extinguisher or 2.5 gal Water Extinguisher.		
177	(2) SCBA bottle storage officer side rear wheel well offset rearward over forward wheel of tandem with hinged door and push button latch. Door material to match wheel well material. Holds standard size SCBA bottle, 20lbs ABC Extinguisher or 2.5 gal Water Extinguisher.		
ELE	CTRICAL SYSTEMS	YES	NO
178	V-MUX Electrical system for aerials.		
179	Vehicle data recorder - Includes occupant detection shown in multiplex display.		
180	Vista IV display or Equal for V-MUX electrical system. Location: driver's side engine cover.		
181	Nanoprotech corrosion inhibiting spray coating to be applied on all exposed electical connections		
	IT BARS	YES	NO
182	2" Standard mount for Federal Navigator light bar		

Light bar Federal Signal Navigator model NVG73, 73" width with (10) red and (2) white Quadraflare LED lights Location: Centered on the front cab roof. WARNING LIGHT PACKAGES Federal Signal QuadraFlare LED lower level warning light package with clear lenses. Includes (8) QL64C red LED light heads with bezels and (2) IMPAXX LED model IPX300-4 light heads. Locate side facing lights: at forward most position, centered in rear wheel well, and side facing at rear of body in rubrail if equipped. WARNING LIGHTS Hazard (door ajar) light 2" LED. Location: center overhead. Federal Signal QuadraFlare QL64 LED (PR) red. Surface mounted with bezel. Location: (1) each side in front quad inboard of NFPA warning light. Federal NVG10 Navigator LED warning light (PR) with clear lenses and Red LED reflectors. Location: rear upper body on aerial style brackets. SIRENS 188 Federal PA300 electronic siren recessed mounted. Federal Q2B siren - flush mounted in bumper. Location: driver side front bumper. Requires activation switch. The primary electronic siren control is to be located center overhead. SPEAKERS Speaker, Federal Signal Dynamax ES100 with grille through bumper. Location: officer side front bumper. DOT LIGHTING YES NO License plate light LED with chrome housing located at the rear of the body. Marker light Truck-Lite LED body/cab package. Fracket license plate at rear of body. Tread plate bracket. Marker lights Britax LED amber/red rubber housed mounted on the rear body corners angled down. Weldon auxiliary turn signal model 9186-8580 LED (PR), Location: (1) each side in center of rear tandem wheel well. Federal Signal Quadraflare LED vertical mount tail lights. Includes LED stop/fail, arrow turn and back-up lights with horizontal Cast 3 housing and weatherproof connectors. LIGHTS - COMPARTMENT, STEP & GROUND OG Ground light package TecNiq T440 4" LED - large. Includes bumper extension and body.	183	Front light bar LED color: Red/White with clear lenses (If applicable, includes side facing when colors are the same.)		
Federal Signal QuadraFlare LED lower level warning light package with clear lenses. Includes (8) QL64C red LED light heads with bezels and (2) IMPAXX LED model IPX300-4 light heads. Locate side facing lights: at forward most position, centered in rear wheel well, and side facing at rear of body in rubrail if equipped. WARNING LIGHTS	184	(10) red and (2) white Quadraflare LED lights Location: Centered on		
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Ground light package TecNiq T440 4" LED - large. Includes bumper extension and body	198	LED stop/tail, arrow turn and back-up lights with horizontal Cast 3		
extension and body	LIGH	ITS - COMPARTMENT, STEP & GROUND	YES	NO
200 Ground lights to activate with turn signal - each side respectively	199			
200 Stourid lights to delivate with familiaghar each side respectively	200	Ground lights to activate with turn signal - each side respectively		

201	Step light package body TecNiq T440 4" LED - large.		
202	Compartment light package Hansen LED for large bodies. Includes one light per compartment (two if transverse).		
203	Compartment light Hansen white LED for each side medical cabinet.		
204	EON LED ladder tunnel light. Quantity - 3		
LIGH	ITS - DECK AND SCENE	YES	NO
205	FireTech FT-GESM scene lights with chrome flange (when required) and weatherproof connectors. Switch in cab. Locate (1) each side rear body face up high. To turn on when transmission is in reverse.		
LIGH	ITS - NON-WARNING	YES	NO
206	Engine compartment light Optronics LED Series ILL22 (EA).		
CON	TROLS / SWITCHES	YES	NO
207	Foot switch to control Q2B located officer's side on 45 degree angle alumnimum bracket		
208	Audible door ajar alarm wired through door ajar light. For use with multiplex display(s) only.		
CAM	ERAS / INTERCOM	YES	NO
209	Voyager back-up camera. Video displays automatically when transmission is in reverse. Camera only - does not include monitor.		
210	FRC ACT 2-way aerial intercom.		
MISC	ELECTRICAL	YES	NO
211	Back-up alarm 97 dB.		
212	Blue Sea 12V power distribution module model 5032. Location: behind driver's seat.		
GEN	ERATOR	YES	NO
213	Generator Smart Power 6KW hydraulic model HR-6 (with top mount cooler).		
214	Includes generator control/PTO engagement switch and a gauge panel located adjacent to the circuit breaker box. Generator location: above L5.		
GEN	ERATOR TEST	YES	NO
215	3rd Party Testing - Line voltage power source (generator / inverter)		
BRE	AKER BOXES	YES	NO
216	Breaker box 12 place single phase. Includes main breaker. Locate on jack offset in driver rear compartment.		
LIGH	ITS - AREA	YES	NO
217	FireTech 35" 12V mini brow light with black housing and flood optics. Includes switch in cab (driver and officer side facing lights switched separately). Quantity -2, Location: driver and officer side over rear cab door		

218	FireTech FT-SL-30-FT-B (Black) pedestal mount. Includes switch in cab (driver and officer side facing lights switched separately). Location(s): above rearward area of L6.		
219	FireTech FT-SL-30-FT-B (Black) pedestal mount. Includes switch in cab (driver and officer side facing lights switched separately). Location(s): above rearward area of R6.		
220	FireTech FT-SL-30-FT-B (Black) pedestal mount. Includes switch in cab (driver and officer side facing lights switched separately). Location(s): above forward area of L4.		
221	FireTech FT-SL-30-FT-B (Black) pedestal mount. Includes switch in cab (driver and officer side facing lights switched separately). Location(s): above forward area of R4.		
222	FireTech 50" 12V brow light with (3) integrated marker lights and black housing. Includes switch accessible to driver. Replaces center front brow marker lights.		
REC	EPTACLES	YES	NO
223	Receptacle household 20A/110V duplex 3-prong NEMA 5-20 with cover plate interior mounted wired to inlet receptacle. Location: rear wall of driver side medical compartment up high.		
224	Receptacle household 20A/110V duplex 3-prong NEMA 5-20 with cover plate interior mounted wired to inlet receptacle. Location: rear wall of officer side medical compartment up high.		
225	Receptable Household 20A/110v Duplex 3 Prong NEMA 5-20 with cover Outlets in Compt. L5		
226	Receptable Household 20A/110v Duplex 3 Prong NEMA 5-20 with cover Outlets in Compt. L7		
227	Receptable Household 20A/110v Duplex 3 Prong NEMA 5-20 with cover Outlets in Compt. R5		
228	Receptable Household 20A/110v Duplex 3 Prong NEMA 5-20 with cover Outlets in Compt. R7		
229	12 volt 12 gauge constant hot lead (24" long) with ground wire. Location: L5 upper forward wall.		
230	12 volt 12 gauge constant hot lead (24" long) with ground wire. Location: L7 upper forward wall.		
231	12 volt 12 gauge constant hot lead (24" long) with ground wire. Location: R5 upper forward wall.		
232	12 volt 12 gauge constant hot lead (24" long) with ground wire. Location: R7 upper forward wall.		
ELEC	CTRIC CORD REELS	YES	NO
233	Electric cord reel rewind switch. Switch located on wall near cord reel.		
234	Rollers, captive for cord reel mounted on reel. {May include a bracket (as required)}		
235	Cord reel electric Hannay model 1616-17-18 with 150' of 10/3 yellow cable.		

236	Location(s): ceiling mounted in driver side rearmost compartment		
AER	IAL MODEL	YES	NO
237	Platform Mid-Mount. Includes fabricated turntable deck, side catwalks on bucket, driver side console and jack leg flood lights.		
AER	IAL HYDRAULIC SYSTEM OPTIONS	YES	NO
238	Gauge aerial hydraulic oil level. Electronic display to be located next to aerial master panel.		
239	Aerial hydraulic pump to be upgraded to a variable displacement style pump		
AER	IAL CONTROLS	YES	NO
240	Advanced Aerial Control System - Platform. Includes body protection, cradle alignment light and 3.2" displays with flowmeter at each control console.		
241	Auto level system for aerial jacks. Includes handheld jack contoller (tethered). Requires deluxe AACS on ladders. Controller location: in storage box for handheld jack control.		
242	Diamond plate turntable console full diamond plate. Cover to be 1-piece design that pivots forward.		
MON	ITORS	YES	NO
243	Monitor Electric TFT 1250GPM with powder coated silver finish. Includes tip controls, base controls and a butterfly valve.		
AER	IAL WARNING LIGHTS	YES	NO
244	Federal QL64 Red with clear lenses LED warning lights on platform. These lights shall be switched with aerial master and located one each side on platform.		
245	Outrigger warning lights, LED. Truck-Lite model 91R. One each side		
AER	IAL LIGHTING	YES	NO
246	Ladder climbing lights Luma Bar Pathfinder LED strip for 4 section aerial (one side). Color: Blue.		
247	FireTech model FT-WL-X-9-FT-B-SH2 LED flood/spot light with black housing. Includes switch on lighthead and turntable console. Location: left side front of platform.		
248	FireTech model FT-WL3500-FT-B LED flood/spot light with black housing. Includes switch on lighthead and turntable console. Location: left and right side of base section.		
249	FireTech model FT-WL-X-9-FT-B-SH2 LED flood/spot light with black housing. Includes switch on lighthead and turntable console. Location: right side front of platform.		
WAT	ERWAY OPTIONS	YES	NO
250	Akron 2.5" valve for platform. Valve to be located at the front of platform next to monitor.		
251	2.5" chrome elbow with 2.5" x 1.5" reducer and 1.5" cap for platform / ladder discharge valve.		

252	Dual 4" NST waterway inlets for Mid-Mount Platform. Includes chrome caps. To have 5" Storz Coupling with cap		
253	4" Innovative Controls stainless steel case pressure gauge (0-400) with color code bezel. Locate next to waterway inlet. Quantity - 2		
MISC	AERIAL ELECTRICAL	YES	NO
254	110V/20A receptacle at tip.		
AER	IAL EQUIPMENT	YES	NO
255	Pike pole tube for 6' pole on ladder. Location: right side fly section.		
256	Axe Mount in Bucket		
257	Halligan Mount in Bucket		
258	Lifting Eye/Tie-Off Package		
259	Dual rope roller for aerial.		
260	Rappelling rope guides located each side on front hand rail of platform.		
AER	IAL LADDER BRACKETS	YES	NO
261	Roof ladder bracket J style mount. Locate inside fly section for a PRL-14 on right side		
SIGN	I PLATES	YES	NO
262	Aerial sign plates 22 x 144 (PR). Does not include lettering. Color: Job Color.		
263	Brackets to allow for a larger than standard sign plate on a HP style device. Does not include sign plates.		
AER	IAL TESTING	YES	NO
264	Aerial flow test - 3rd party.		
265	Aerial 2016 NFPA Certification.		
GRO	UND LADDERS	YES	NO
266	Alco-Lite PRL-14' roof ladder. Inside mount fly section		
267	Alco-Lite PRL-16' roof ladder.		
268	Alco-Lite PEL-24' 2-section extension ladder.		
269	Alco-Lite PEL-28' 2-section extension ladder.		
270	Alco-Lite PEL-35' 2-section extension ladder.		
271	Alco-Lite FL-10, 10' folding ladder w/safety shoes.		
272	Alco-Lite PRL-20' roof ladder.		
MISC	C LOOSE EQUIPMENT	YES	NO
273	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.		
EXT	ERIOR PAINT	YES	NO
274	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.		
275	Paint chassis cab and body - Sikkens paint. Color: FLNA3051 Red.		

276	Paint exterior surface of outer steel wheels. Sikkens paint. Color: Job Color.		
277	Paint roll up door header plate(s) job color for all painted roll-up doors.		
278	Paint lift cylinders, extension cylinders and upper turntable steelwork primary job color (does not apply to TT deck).		
279	Undercoating To be applied by manufacturer at time of completion.		
INTE	RIOR PAINT	YES	NO
280	The interior of the cab to be painted Zolatone gray.		
STRI	PING	YES	NO
281	NFPA required reflective striping to be dealer/customer applied.		
282	Black rubrail scotchlite insert.		
283	Chevron "A" style 6" Reflexite V98 striping full width on rear of body. Includes rear facing extrusions, panels and doors. Colors to be Red/Fluorescent Yellow Green.		
284	Chevron "A" style 6" Reflexite V98 striping on (2) outriggers. Striping to alternate in an "A" pattern when viewed from the front or rear of the truck. Colors to be: Red/Fluorescent Yellow Green.		
285	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.		
GRA	PHICS/LETTERING	YES	NO
286	Graphics and Lettering to match Department fleet		
SUP	PORT, DELIVERY, INSPECTIONS AND MANUALS	YES	NO
287	Training 3 Days Minimum		
288	Engineered Apparatus Drawings Specific to these Specifications - No Stock or "Similar" Drawings Accepted		
289	Manuals, Operator and Service in digital format.		
290	Approval Drawings-Standard.		
291	Dash/Console panel layout approval drawings. Will be provided on purchased units prior to construction.		
292	Fire Apparatus Safety Guide published by FAMA, latest edition.		
293	Inspection at Manufactuer for three (3) Department personnel.		
WAR	RANTY / STANDARD & EXTENDED	YES	NO
295	Standard 1 Year Warranty.		
296	Lifetime Frame Stuctural Warranty.		
297	10 Year Cummins Extended Engine Warranty		
298	10 Year/100,000 Mile Structural Warranty for Alum Cab / Body - Statement of Warranty.		
299	25 Year frame rail corrosion warranty. Includes liners (if equipped).		

300	20 Year Aerial Device Structural Warranty - Integrity Limited Warranty.		
301	10 Year Limited Paint and Perforation Warranty - For Sikkens Paint.		
302	Meritor 5 year unlimited miles, parts and labor rear drive single or rear drive tandem axle warranty.		
303	20 Year frame component corrosion warranty. Includes front frame extensions, crossmembers, battery tray brackets and rear underbody support (if applicable).		
304	Dana 5 year unlimited miles, parts and labor front axle warranty.		
DEA	LER SUPPLIED EQUIPMENT	YES	NO
305	Includes a \$5,000 equipment mounting allowance.		

CITY OF WARWICK

BID AND CONTRACT FORM

TITLE OF SPECIFICATION: <u>Bid2022-063 Fire Apparatus – 95' Mid-Mount Aerial Platform</u>

I. BID:

WHEREAS, the CITY OF WARWICK has duly asked for bids for performance of services and/or supply of goods in accordance with the above-indicated specifications.

The person or entity does irrevocably offer to perform the services and/or furnish the goods in accordance with the specifications, which are hereby incorporated by reference in exchange for the bid price below;

This offer will remain open and irrevocable until the CITY OF WARWICK has accepted this bid or another bid on the specifications or abandoned the project.

The bidder agrees that acceptance by the CITY OF WARWICK will transform the bid into a contract. This bid and contract will be secured by Bonds, if required by the specifications.

Pricing as follows

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID PRICING SHEET MAY NOT BE CONFIDENTIAL

VENDOR NAME:		

FIRE APPARATUS – 95' Mid-Mount Aerial Platform

Description	Bid
Make	
Model	
Warranty	
Total Bid including allowances:	\$
Delivery Time in Calendar Days (From signing of final purchase contract)	

EXCEPTIONS TO SPECIFICATIONS

Any and all exceptions to the above specifications must be clearly stated for each specification listed