

Patricia A. Peshka
Purchasing Agent



Frank J. Picozzi
Mayor

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

**CITY OF WARWICK
BIDS REQUESTED FOR**

Bid2022-062 Fire Apparatus – 1500 GPM Pumper

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 Bidder
_____	_____
_____	_____

COMPANY NAME: _____

COMPANY ADDRESS: _____

COMPANY ADDRESS: _____

BIDDER'S SIGNATURE: _____

BIDDER'S NAME (PRINT): _____

TITLE: _____ TEL. NO.: _____

EMAIL ADDRESS: _____*

*Please include your email address. Future bids will be emailed, unless otherwise noted.

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II. AWARD AND CONTRACT:

The CITY OF WARWICK, acting as duly authorized through its Purchasing Agent/Finance Director/Mayor, accepts the above bid and hereby enters into a contract with the above party to pay the bid price upon completion of the project or receipt of the goods unless another payment schedule is contained in the specifications. All terms of the specifications, both substantive and procedural, are made terms of this contract.

DATE: _____

Bid2022-062

Purchasing Agent

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

CERTIFICATION & WARRANT FORM*

**This form must 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**

Bid2022-062 Fire Apparatus – 1500 GPM Pumper

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 “Bid2022-062 Fire Apparatus – 1500 GPM Pumper.”

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 – 1500 GPM Pumper

Intent of Specifications

Bidder Complies YES ___ NO ___

It is the intent of these specifications to cover the furnishing and delivery to the purchaser of a complete vehicle equipped as here in after specified. With a view to obtaining the best results and the most acceptable apparatus, these specifications cover minimum requirements as to the type of construction, finish, and test to watch the apparatus must conform, together with certain details as to equipment in appliances to be furnished. Minor details of construction and materials, where not otherwise specified, are left to the discretion of the contractor, who must be solely responsible for the design and construction. The apparatus must conform to the requirements of the current (at the time of bid) NFPA standard to the extent of specified herein.

Qualification of Bidders

Bidder Complies YES ___ NO ___

Bids will only be considered on vehicles constructed in the continental United States, whose manufacturers have an established reputation of permanency and reliability in the field of fire apparatus construction. The cab, chassis, body, and aerial device (if applicable) must all be constructed by one manufacturer, IE: single source. Bids stating otherwise will not be accepted. Each manufacturer must furnish satisfactory evidence of their ability to construct the apparatus as specified and must state the location of the factory where the complete apparatus will be built.

- 1) How long has the manufacturer been building chassis at this location?
 - Number of years. _____

- 2) How long has the manufacturer been building bodies at this location?
 - Number of years. _____

Service Requirements

Bidder Complies YES ___ NO ___

It is the intent of the purchaser to assure that parts and service are readily available for 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 apparatus repair, emergency vehicle technicians employed by the builder must be in conformance with NFPA standards 1915 and 1071. The bidder must employ at least (2) two technicians certified as a "Master Mechanic" (having amassed every EVT certification). Proof of current certification must be supplied with the bid. There must be no exceptions to this requirement. Bids from organizations that do not meet these requirements will be immediately rejected.

Service Questionnaire

The bidder must include the following information with their bid.

Number of miles from the purchaser to the nearest staff service facility owned and operated by the bidder.

- Number of Miles _____

The number of service bays and square feet of service space at the bidders service facility.

- Number of bays _____ Square Feet _____

The length of time the service facility has been in business as an emergency vehicle dealer.

- Number of Years _____

How long has the dealer been selling the brand of emergency vehicle being proposed?

- Number of Years _____

Has the dealer/distributor represented other manufacturers of emergency vehicles in the past?

- YES ___ NO ___ If Yes, explain _____

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

- Number of Pumpers _____

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 are 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. or 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?

- YES ___ NO ___ If No, explain _____

Delivery**Bidder Complies YES ___ NO ___**

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 bidder 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

Technical Specifications:

		BIDDER COMPLIES	
		YES	NO
OVERALL CONSTRUCTION STANDARDS			
1	Single Source Manufacturer - Chassis, Cab and Body		
2	OAH RESTRICTION: 9'-9" Max. The unit has an overall height restriction, and the height is not to be exceeded		

3	OAL RESTRICTION: 33'-0". The unit has an overall length restriction. The length is not to be exceeded.		
4	The hose bed is to have the capacity for the following hose. Hose load shall be listed from driver to officer. Lay 1 - 500 ft. of 2.50 DJ Lay 2 - 200 ft. of 1.75 DJ Lay 3 - 1000 ft. of 5.00 LDH Lay 4 - 200 ft. of 1.75 DJ		
5	Equipment allowance on the apparatus shall be 2000 lbs. This allowance is in addition to the weight of the hoses and ground ladders listed in the shop order as applicable.		
BUMPERS		YES	NO
6	16" Front Bumper Gravel Shield Extension.		
7	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.		
8	3/16" Front Bumper Gravel Shield. Extend shield to flush with heavy duty bumper edge.		
BUMPER TRAYS		YES	NO
9	Hinged diamond plate lid for center bumper tray. Includes: seal, D-Ring latch and gas shock hold open device.		
10	Bumper tray center of bumper with slats 14 inches deep (approx 13 inches to slats).		
FRAME ASSEMBLY		YES	NO
11	Rear underbody support frame. Zinc plated (galvanized).		
12	Frame assembly with minimum 10.25 x 3.5 x .375 galvanized rails.		
13	Front chassis frame extensions, crossmembers and battery brackets shall be zinc plated (galvanized) IPOS. Includes rear subframe if applicable (urban interface, straight frame 4x4, etc.).		
14	GEOMET coated frame assembly fasteners.		
AXLE OPTIONS		YES	NO
15	Meritor single rear axle 27,000 lb. capacity (Minimum)		
16	Koni shock absorbers for front axle - adjustable.		
17	Meritor front axle 18,700 lb. Includes maintenance free bushings (Minimum)		
SUSPENSION		YES	NO
18	Rear suspension springs rated equal to the capacity of the axle.		
WHEEL OPTIONS		YES	NO
19	Steel wheels for front axle - Quantity 2.		
20	Steel wheels for rear axle - Quantity 4.		
21	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.		
22	Rear axle (single) wheel trim kit. Includes stainless steel lug nut covers (chrome plated plastic if applicable) and center cap.		

23	Each inside wheel of the single rear axle shall have valve stem extensions.		
TIRE OPTIONS		YES	NO
24	Four Michelin 12R rear tires with XDN2 all-weather tread.		
25	RWC AirGuard LED tire pressure monitoring valve stem caps (6) for single rear axle applications.		
26	Two Michelin 385 tires model X MULTIWAY HD XZE for front axle.		
BRAKE SYSTEMS		YES	NO
27	Meritor EX225H 17" disc brakes for front axle.		
28	ArvinMeritor 16-1/2" x 7" S-cam brakes with cast brake drums for a single rear axle.		
29	Brake system air 4X2/4X4.		
30	Parking brake release mounted on the driver's side lower dash.		
AIR SYSTEM OPTIONS		YES	NO
31	Inlet for air system. Location: driver door jamb.		
32	Air dryer Bendix AD-9.		
33	Air lines nylon.		
34	Air horns Grover stuttertone recessed in bumper (PR).		
35	Three (3) Stainless steel mounting straps for air tank		
ENGINES & TRANSMISSIONS		YES	NO
36	Eng/Trans Cummins L9 450HP/EVS3000 2021 EPA compliant engine.		
37	Push-button transmission shift selector.		
38	TranSynd, Shell Spirax S6ATF A295, or equivalent synthetic transmission fluid for EVS3000.		
39	Electronic limiting of speed to 68 MPH maximum. Note: Axle gear ratio will be as low as possible while allowing for 68 MPH top speed to improve acceleration. Note: Max speed may be set at 65 MPH due to tire rating.		
SECONDARY BRAKING		YES	NO
40	Jacobs engine compression brake.		
41	Transmission to seek second gear when Jacobs engine brake or Telma retarder is engaged.		
EXHAUST OPTIONS		YES	NO
42	Exhaust end with fresh air vent for Plymovent exhaust extraction system.		
COOLING PACKAGE		YES	NO
43	Cooling system for use with chassis. For use with 2010 - 2021 EPA engines. Includes coolant recovery system.		
FUEL SYSTEMS		YES	NO
44	Fuel line hose braided. Includes fuel pick-up (if applicable).		
45	Fuel shut-off valve. Location: one (1) at fuel tank.		
46	Fuel system w/50 gallon stainless steel tank with Stainless Steel Straps		

ALTERNATOR		YES	NO
47	Alternator Leece Neville 350 amp. 350 amp SAE/318 amp NFPA.		
BATTERIES		YES	NO
48	Battery four group 31 1000 CCA.		
CHASSIS OPTIONS		YES	NO
49	Thermatic fan clutch.		
50	Drivelines 1710.		
51	Tow eyes front painted below bumper/cab (PR).		
52	Tow eyes rear below body, painted.		
53	Trailer hitch Class III mounted rear. Trailer hitch to be Galvanized		
54	Diesel Exhaust Fluid (DEF) 5 gallon tank. Location: left side below rear of cab.		
55	Radiator mounted power steering cooler.		
CAB MODEL		YES	NO
56	Custom Cab Minimum CA - 54" (CA not to exceed 60") - to be 3/16 Extruded Aluminum - Roll Cage Design		
CAB ROOF TYPE		YES	NO
57	Cab Roof to be flat.		
CAB DOOR OPTIONS		YES	NO
58	Rear crew cab doors in the medium position.		
59	All cab exterior access doors to have 1250 keyed locks.		
60	Interior cab door locks - manual. Will be individually actuated from each respective door. Includes key lock on each exterior cab door handle.		
61	Red/Fluorescent Yellow Green Reflexite V98 chevron "A" stripe on lower cab door panel approx 12" high. Stainless steel/painted door panels only.		
62	Cab door panels stainless steel. Includes upper and lower panels with seam below handrail.		
63	Anodize aluminum trim on bottom edge of the exterior cab compartment openings. Includes wheel well and rear compartments (as applicable).		
64	Driver and officer cab door windows with manual regulators.		
65	Rear crew cab door window(s) with manual regulator(s).		
66	Cab doors to be barrier style.		
CAB STEP OPTIONS		YES	NO
67	Lower steps to extend 3.5" past cab.		
MIRRORS		YES	NO
68	Retrac Aerodynamic dual vision chrome west coast style mirrors mounted on cab doors.		
MISC EXTERIOR CAB OPTIONS		YES	NO
69	No window on the driver side of the cab over wheel well.		
70	No window on the officer side of the cab over wheel well.		

71	Pair of 18" handrails located just behind driver and officer front door one each side.		
72	Pair of 18" handrails located just behind driver and officer rear door one each side.		
73	Mud flaps, front, black.		
74	Rear cab wall to be smooth 3/16" aluminum plate with a diamond plate overlay.		
75	Large radius cab wheel well. Includes bolt-on adjustable wheel well trim.		
76	Mounting plate for battery charger receptacle, indicator, air inlet, etc (if applicable). Plate to be removable brushed stainless steel.		
77	Rubber fenderettes in place of standard fender.		
HVAC		YES	NO
78	Controls for heating and air conditioning shall be located in the center dash area.		
79	Additional fan control for rear facing air conditioner. Locate adjacent to rear AC vents/filter on driver side.		
80	Air conditioning with radiator mounted condenser for use with Cummins L9 and X12 engine. Includes reduced profile evaporator w/powder coated cover and electronic controls.		
81	Heaters cab rear with covers (PR), and front heater with heat to the feet for the driver and officer.		
SEATS		YES	NO
82	Seats, Bostrom brand.		
83	Seat cover material vinyl - color gray		
84	Driver seat to be Bostrom air ride.		
85	Officer seat to be Bostrom fixed SCBA.		
86	Bostrom SecureAll mechanical air pack bottle bracket (EA). Location: officer's seat.		
87	Fold down seat with Bostrom SCBA back located driver's side inboard		
88	Fold down seat with Bostrom SCBA back located officer's side inboard		
89	Bostrom SecureAll mechanical air pack bottle bracket (EA) for bench / fold-down seat. Location: inboard driver's side rear wall.		
90	Bostrom SecureAll mechanical air pack bottle bracket (EA) for bench / fold-down seat. Location: inboard officer's side rear wall.		
91	ReadyReach seat belt extender. Location: driver's seat.		
92	ReadyReach seat belt extender. Location: officer's seat.		
93	ReadyReach seat belt extender. Location: inboard driver's side rear wall.		
94	ReadyReach seat belt extender. Location: inboard officer's side rear wall.		
95	Seating capacity tag of four occupants.		

MEDICAL CABINETS		YES	NO
96	Cab medical/storage cabinet(s) finish to be Zolatone gray. Includes interior/exterior of cabinet and shelves/trays if equipped.		
97	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		
98	Driver's 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
99	Cab interior gray. Does not include engine cover or seat color.		
100	Padded sun visors, driver and officer's side overhead.		
101	Severe duty engine cover, molded polyurethane.		
102	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.		
103	Reduced profile rear engine cover for increased legroom.		
104	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.		
105	Cab insulation package. Includes insulation for ceiling, front wall, rear wall, side walls, below seat risers and in doors.		
106	Cup holder / tray enlarged for engine cover painted to match cab interior. Approx 19" wide x 12" long with tapered front corners and cup holders at each rear corner.		
CAB ELECTRICAL OPTIONS		YES	NO
107	Auto-Eject receptacle inlet 20 amp located outside driver's door next to handrail with a Red cover.		
108	Clamshell controller mounted on officer's side of engine cover for the air horns.		
109	Switch horn button two position DOT/air horn.		
110	Cab Headlights. Position: lower.		
111	12 VDC (or 24VDC) electrical outlet wired battery hot. Location: driver side dash.		
112	12 VDC (or 24VDC) electrical outlet wired battery hot. Location: officer side dash.		
113	12 VDC (or 24VDC) electrical outlet wired battery hot. Location: rear wall of driver side medical compartment up high.		
114	12 VDC (or 24VDC) electrical outlet wired battery hot. Location: rear wall of officer side medical compartment up high.		

115	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.		
116	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.		
117	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.		
118	English dominant main cab gauge cluster.		
119	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.		
120	Battery charger to be located in Driver's Side Medical Compartment - back wall up high		
121	Battery charger 120 volt inlet, 20 amp output. Includes status indicator panel.		
122	Dual USB charging ports in the cab wired battery hot. Location: driver side dash.		
123	Dual USB charging ports in the cab wired battery hot. Location: officer side dash.		
124	Dual USB charging ports in the cab wired battery hot. Location: rear wall of driver side medical compartment up high.		
125	Dual USB charging ports in the cab wired battery hot. Location: rear wall of officer side medical compartment up high.		
126	Momentary DPF regeneration override switch.		
127	Control push-button switch on officer's switch panel for Q2B siren brake.		
128	FireTech LED cab headlights		
129	TecNiq D07 LED cab door step area lighting. Includes (2) lights at each door area. Lights to be switched with door ajar.		
130	Turn signal TecNiq LED strip (PR) with clear lense and polished alum housing located between quad headlight bezels.		
BODY CONSTRUCTION		YES	NO
131	Body to be Minimum 3/16" Extruded Aluminum body or Stainless Steel Body		
BODY COMPT LEFT SIDE		YES	NO
132	Driver side body with full height 36" wide forward and 42" wide rearward compartmentation. Includes (1) 56" wide compartment over the wheel well.		
BODY COMPT RIGHT SIDE		YES	NO
133	Officer side body with full height 36" wide forward and 42" wide rearward compartmentation. Includes (1) 56" wide compartment over the wheel well.		

BODY COMPT REAR		YES	NO
134	Single low rear compartment. For use with low hosebed. Includes smooth plate panels. NON-TRANSVERSE.		
135	Bolt-on diamond plate 12" tailboard (full width of body). Includes handrails- (2) mounted vertical on trailing edge of body and horizontal mounted handrail(s) below hosebed.		
DOORS		YES	NO
136	Door roll up short (up to 45") with satin finish Amdor. Location(s): B1 (Body Compartment Rear)		
137	All other body Compartment Doors to be painted pan style. Location(s):L1, L2, L3, R1, R2, R3.		
SHELVES		YES	NO
138	Adjustable shelf for body compartments (at break). Location: L1, L3, R1, R3		
139	Tracks for adjustable shelf and/or adjustable tray in a compartment. Location: L1, L3, R1, R3		
COVERS		YES	NO
140	Cargo Net XLAY - Heavy Duty with airline style quick release buckles at the top - either side		
141	Cargo Net Hosebed - Heavy Duty with airline style quick release buckles		
PUMP MODULE		YES	NO
142	Pump module to be 76" wide (side to side). Includes upper, lower, crosswalk, speedlay and transverse module(s) if applicable.		
143	Side mount pump module. Extruded aluminum with running boards.		
144	Pump panel opening is 51" wide.		
145	Pump module height is 80".		
PUMP PANELS		YES	NO
146	Stainless steel driver and officer side pump panels.		
147	Officer side upper pump access panel to be horizontally hinged with stainless steel door. Includes (2) push button latches and (2) hold open devices.		
MISC PUMP PANEL OPTIONS		YES	NO
148	Pump panel tags color coded per NFPA compliance.		
149	Pump panel tags, special color. (To be specified)		
PUMP MODULE OPTIONS		YES	NO
150	Air horn switch at pump panel. Switch to be labeled "Evacuation Alert". Location: driver side pump panel.		
151	P-Rubber in flex joint(s) between pump module and/or body modules.		
152	Pump module storage pan.		

153	Crosslay triple - (2) single stack to hold up to 200' of 2.0" DJ (each) in front lays and (1) 150' to 200' of 2.5" DJ hose in rear lay.		
154	Crosslays to be lowered as much as possible.		
WATER TANK		YES	NO
155	Fill tower(s) to be located offset to Driver's side of water tank.		
156	Minimum 750 Gallon Water Tank. UPF Poly III color fill towers. Includes lowered rear section for lower hose bed height.		
TANK PLUMBING		YES	NO
157	2" tank fill Akron manual valve.		
158	3" tank to pump Akron manual valve w/4" tank connection to include backflow clapper valve		
LADDER STORAGE / RACKS		YES	NO
159	Hard Suction Storage Rack. Driver side compartment top. Includes spring hold downs and scuff plates behind spring mounts (as applicable).		
160	Hard Suction Storage Rack. Officer side compartment top. Includes spring hold downs and scuff plates behind spring mounts (as applicable).		
161	Brand of ladders capable of being carried on unit to be Alco-Lite.		
162	Officer side vertical storage tunnel. For use with low hose bed. Tunnel to hold: 2-section 24', 14' roof, 10' attic and (2) pike poles. Includes vertical hinged rear smooth plate door(s) with push-button latch.		
HANDRAILS / STEPS		YES	NO
163	Innovative Controls dual lighted LED folding steps rear NFPA. Includes folding steps on driver side rear of the body. (staggered stepped as applicable with tailboard depth) for NFPA hose bed access and handrail mounted on driver side upper hose bed side (as applicable).		
164	Innovative Controls dual lighted LED folding step. Location: driver side front compartment face. Each location requires a minimum of (1) handrail per NFPA. Quantity - 4		
MISC BODY OPTIONS		YES	NO
165	Hose bed above the booster tank. Includes forward hose bed and tower(s) cover plate work (as applicable). Hose bed adjustable divider extrusion in the forward area and rearward area of the hose bed to run full width of the hose bed (as is practical with other hose bed mounted equipment).		
166	Divider Long. To run full length of hose bed (front to rear). Quantity - 3		
167	Hose bed storage pan. Locate in forward area of hose bed.		
168	Recessed fuel fill driver side wheel well.		

169	Body mainframe and hose bed side assemblies for a 85" high body.		
170	Locate Tank Fill Tower(s) in the hose bed storage pan as applicable.		
MISC BODY OPTIONS		YES	NO
171	Mud flaps, rear, black.		
172	The rear of each hose bed divider to have a hand hold cut-out(s).		
173	Rub rail for the body and pump area module(s).		
174	Divider Support to run full width of hosebed (side to side) at the front of the hosebed and towards the rear of the hosebed at top of the divider(s). Attach to each hosebed divider to provide additional support.		
175	Body mainframe layout line to be 24". Includes body and all applicable modules.		
176	Diamond plate single axle wheel well. Includes bolt-on composite wheel well liners and bolt-on rubber trim fenderettes.		
177	Anodized aluminum trim on bottom edge of all body compartment openings including pump enclosure if applicable with painted edges.		
SCBA BOTTLE STORAGE		YES	NO
178	Strap, loop style to retain SCBA bottle(s). Locate one per bottle in each exterior body storage compartment.		
179	Minimum (1) SCBA bottle storage driver side rear wheel well offset rearward with hinged door and push button latch. Door material to match wheel well material. Holds standard size SCBA bottle, 20lbs ABC Extinguisher (10.25"x7"x24") or 2.5 gal Water Extinguisher (9"x7"x24.5"). Door shall cover the recessed fuel fill if located in the wheel well adjacent to the SCBA storage.		
180	Minimum (2) SCBA bottle storage officer side rear wheel well offset rearward with hinged door and push button latch. Door material to match wheel well material. Holds standard size SCBA bottle, 20lbs ABC Extinguisher (10.25"x7"x24") or 2.5 gal Water Extinguisher (9"x7"x24.5").		
181	Minimum (2) SCBA bottle storage driver side rear wheel well offset forward with hinged door and push button latch. Door material to match wheel well material. Holds standard size SCBA bottles. Upper storage troughs hold standard size 20lbs ABC Extinguisher (10.25"x7"x24") or 2.5 gal Water Extinguisher (9"x7"x24.5") in each trough.		
182	Minimum (2) SCBA bottle storage officer side rear wheel well offset forward with hinged door and push button latch. Door material to match wheel well material. Holds standard size SCBA bottles. Upper storage troughs hold standard size 20lbs ABC Extinguisher (10.25"x7"x24") or 2.5 gal Water Extinguisher (9"x7"x24.5") in each trough.		

PUMPS		YES	NO
183	Rating 1500 GPM.		
184	Hale QMAX 1000-2250 GPM single stage pump. Requires primer option.		
185	Pump certification 750-2250 GPM		
PUMP OPTIONS		YES	NO
186	Zinc anodes for Hale pump, (1) discharge side and (1) intake side.		
187	Mechanical pump seal - Hale.		
188	Steamers to be Flush + 1". Location: driver's side.		
189	Steamers to be Flush + 1". Location: officer's side.		
190	Manual operated master pump drain. The master drain shall be clearly marked and placed in accessible location on pump panel.		
191	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.		
INTAKES		YES	NO
192	2.5" Left Intake Akron Manual Valve.		
INTAKE OPTIONS		YES	NO
193	Intake pressure relief valve, Task Force Tips.		
DISCHARGES AND PRECONNECTS		YES	NO
194	1.5" Front bumper discharge Akron manual valve.		
195	1.5" Crosslay with Akron manual valve. Location: crosslay 1 & 2.		
196	2.5" Left Pump Panel Discharge Akron Manual Valve. Location: left side discharge 1.		
197	2.5" Right Pump Panel Discharge Akron Manual Valve. Location: right side discharge 2.		
198	2.5" Left Rear Discharge Akron Manual Valve. Location: left rear discharge.		
199	2.5" Right Rear Discharge Akron Manual Valve. Location: right rear discharge 2 (inboard or below).		
200	3" Deck Gun Discharge, Akron manual valve. (outlet shall terminate with MNPT)		
201	2.5" Crosslay Akron Manual Valve. Location: crosslay 3.		
202	Polished Stainless Steel Swivel Located on Top of Bumper driver's side of center tray for Front Bumper Discharge.		
203	4" Panel discharge w/ Akron Manual valve and cap. Requires valve controller		
204	Deck gun piping to be positioned centered in deck gun channel.		
DISCHARGE OPTIONS		YES	NO
205	Innovative Controls push/pull valve controls with locking T handles.		
206	Innovative Controls 3/4" bleeder/drain valve include lift lever with ergonomic grip - Quantity 10		

207	Innovative Controls discharge and intake bezels with integral color code and verbiage for side mount pump panel.		
208	Trident Handwheel Controller. Locate on pump operator panel to control right side discharge 1.		
PRESSURE GOVERNORS		YES	NO
209	FRC PumpBoss pressure governor PBA400 series. Includes engine monitor gauges.		
GAUGES		YES	NO
210	Innovative Controls 10 LED SL series water tank level gauge. On pump panel.		
211	2.5" Innovative Controls stainless steel case pressure gauge (0-400) with color code bezel - Quantity 10		
212	4" Innovative Controls stainless steel case master pressure gauges with bezel. Intake 30-0-400, and discharge 0-400.		
ELECTRICAL SYSTEMS		YES	NO
213	V-MUX Electrical system.		
214	Vehicle data recorder - 2009 / 2016 NFPA compliant. Includes occupant detection shown in multiplex display.		
215	Vista IV display or Equal for V-MUX electrical system. Location: driver's side engine cover.		
216	Nanoprotech corrosion inhibiting spray coating to be applied on all exposed electrical connections.		
LIGHT BARS		YES	NO
217	2" Standard mount for Federal Navigator light bar		
218	Front light bar LED color: Red/White with clear lenses (If applicable, includes side facing when colors are the same.)		
219	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		YES	NO
220	Federal Signal Quadraflare LED lower level warning light package. Includes (8) red QL64C red LED light heads with clear lens and (2) red IMPAXX LED light heads with clear lens. Locate side facing lights: at forward most position, centered in rear wheel well, and side facing at rear of body in rubrail if equipped.		
WARNING LIGHTS		YES	NO
221	Hazard (door ajar) light 2" LED. Location: center overhead.		
222	Warning light Federal Signal Quadraflare QL64 LED (PR) red with clear lens. Location: (1) each side in front quad inboard of NFPA warning light.		
223	Federal NVG10 Navigator LED warning light, Red with clear lenses. Location: (1) each side, rear upper body on aerial style brackets.		
SIRENS		YES	NO
224	Federal PA300 electronic siren recessed mounted.		

225	Federal Q2B siren - flush mounted in bumper. Location: driver side front bumper. Requires activation switch.		
226	The primary electronic siren control is to be located center overhead.		
SPEAKERS		YES	NO
227	Speaker, Federal Signal Dynamax ES100 with grille through bumper. Location: officer side front bumper.		
DOT LIGHTING		YES	NO
228	License plate light LED with chrome housing located at the rear of the body.		
229	Marker light Truck-Lite LED body/cab package. E-One custom cab and pumper or tanker body only.		
230	Bracket license plate at rear of body. Tread plate bracket.		
231	Federal Signal Quadraflare LED vertical mount taillights. Includes LED stop/tail, arrow turn and back-up lights with vertical 4 light housing and weatherproof connectors.		
LIGHTS - COMPARTMENT, STEP & GROUND		YES	NO
232	Ground light package TecNiq T440 4" LED - large. to properly illuminate the ground areas around the apparatus. One (1) ground light shall be supplied under each side of the front bumper extension.		
233	Compartment light package Hansen LED for medium bodies. Includes one light		
234	Compartment light Hansen white LED for each medical compartment.		
LIGHTS - DECK AND SCENE		YES	NO
235	Cab scene lights are to be switched with cab doors in addition to standard.		
236	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.		
237	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.		
238	Hose bed light Federal Signal 64LEDSCENE. Locate at the front area of hose bed. Switched with work light switch in cab. Quantity - 2		
239	FireTech 35" 12V mini brow light with black 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, Quantity - 2		
LIGHTS - NON-WARNING		YES	NO
240	LED pump compartment light.		
241	Engine compartment light Optronics LED Series ILL22.		

242	TecNiq model E10 pump panel LED light package with (3) lights per side pump panel. Pump panels over 45" may require additional lights. Side mount only.		
CONTROLS / SWITCHES		YES	NO
243	Foot switch to control Q2B located officer's side on 45 degree angle bracket		
244	(4) Switches above officer to control Left Scene, Right Scene, Front Scene, and Rear Scene Lights		
245	Audible door ajar alarm wired through door ajar light. For use with multiplex display(s) only.		
CAMERAS / INTERCOM		YES	NO
246	Voyager back-up camera. Video displays automatically when transmission is in reverse. Camera only - does not include monitor.		
MISC ELECTRICAL		YES	NO
247	Back-up alarm 97 dB.		
248	Trailer wiring and connector for 2009 NFPA 1901 Type I, Type II or Type III trailer. Includes model 12-907 9 pin connector on body. Stop/turn/tail circuits shall be connected, remaining wires to be coiled up for future use. Trailer end 12-906 shipped loose.		
249	Trailer brake controller wired to connector. Control 1 located in cab accessible to driver. Requires 9-pin connector.		
250	Blue Sea 12V power distribution module model 5032. Location: behind driver's seat.		
LIGHTS - AREA		YES	NO
251	FireTech 50" 12V brow light with (3) integrated marker lights and black housing. Includes switch accessible to driver. Replaces center front brow marker light.		
RECEPTACLES		YES	NO
252	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.		
253	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.		
GROUND LADDERS		YES	NO
254	Alco-Lite PRL-14' roof ladder		
255	Alco-Lite PEL-24' 2-section extension ladder.		
256	Alco-Lite FL-10, 10' folding ladder w/safety shoes.		
MISC LOOSE EQUIPMENT		YES	NO
257	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.		
EXTERIOR PAINT		YES	NO

258	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.		
259	Paint chassis cab and body - Sikkens paint. Color: FLNA3051 Red.		
260	Paint exterior surface of outer steel wheels. Sikkens paint. Color: Job Color.		
261	Undercoating by Manufacturer at completion. To be applied after customer final inspection.		
INTERIOR PAINT		YES	NO
262	The interior of the cab to be painted Zolatone gray.		
STRIPING		YES	NO
263	NFPA required reflective striping to be dealer/customer applied.		
264	Black rubrail scotchlite insert.		
265	Chevron "A" style 6" Reflexite V98 striping full width on rear of body. Includes B1 compartment door		
266	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.		
GRAPHICS/LETTERING		YES	NO
267	Graphics and Lettering to match Department fleet		
SUPPORT, DELIVERY, INSPECTIONS AND MANUALS		YES	NO
268	Manuals, Operator and Service in digital format.		
269	Pump panel approval drawings. Will be provided on purchased units prior to construction.		
270	Engineered Apparatus Drawings Specific to these Specifications - No Stock or "Similar" Drawings Accepted		
271	Approval Drawings-Standard.		
272	Dash/Console panel layout approval drawings. Will be provided on purchased units prior to construction.		
273	Fire Apparatus Safety Guide published by FAMA, latest edition.		
WARRANTY / STANDARD & EXTENDED		YES	NO
274	Standard 1 Year Warranty.		
275	Lifetime Frame Structural Warranty.		
276	10 Year Cummins Extended Engine Warranty		
277	10 Year/100,000 Mile Structural Warranty for Alum Cab / Body - Statement of Warranty.		
278	10 Year Stainless Steel Plumbing Warranty - Statement of Warranty.		
279	10 Year Limited Paint and Perforation Warranty - For Sikkens Paint.		
280	25 Year frame rail corrosion warranty. Includes liners (if equipped).		

281	20 Year frame component corrosion warranty. Includes front frame extensions, crossmembers, battery tray brackets and rear underbody support (if applicable).		
282	Meritor 5 year / unlimited miles parts and labor warranty for front non-drive axle. Exceptions: MFS rated at 22,800 includes a 2 year / 200K miles parts and labor warranty and a front drive axle includes a 2 year / unlimited miles parts and labor warranty.		
283	Meritor 5 year unlimited miles, parts and labor rear drive single or rear drive tandem axle warranty.		

CITY OF WARWICK

BID AND CONTRACT FORM

TITLE OF SPECIFICATION: Bid2022-062 Fire Apparatus – 1500 GPM Pumper

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

Continued next page

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

PRICING SHEET MAY NOT BE CONFIDENTIAL

VENDOR NAME: _____

FIRE APPARATUS – 1500 GPM Pumper

Description	Bid
Make	
Model	
Warranty	
Total Bid for one (1) Fire Apparatus- 1500 GPM Pumper, per bid specifications:	\$
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