



**Invitation to Bid – New or Demo Mini-Pumper
Solicitation #422-0720-06
July 13, 2021**

Sealed bids, subject to the specifications and conditions contained herein and attached hereto, will be received in the City Manager’s Office, City Hall, until, but no later than **2:00 P.M.CST , August 2, 2021**, and then publicly opened and read aloud for **New or Demo Mini-Pumper**.

If you are an individual with a disability and require a reasonable accommodation or have additional questions regarding this invitation, please notify the Purchasing Agent, Kim Dale at (931) 560-1580.

No bid may be withdrawn after the scheduled closing time for receipt of bids for sixty (60) calendar days.

Bid Instructions

To be considered, you must:

1. Have a copy of a vendor application on file with the City of Columbia prior to final bid award. You may register online using the link furnished on our web page www.columbiatn.com, Finance Department, Purchasing or a paper form, which may be downloaded from the same site.
2. A completed bid sheet as provided with this invitation together with an explanation of any exceptions taken to specifications or additional conditions of the bid.
3. Copies of warranty information, other requirements as may be included herein and any additional information pertinent to properly evaluate the bid.
4. Sign Iran Divestiture Act Statement as attached
5. All forms must be signed by a representative of the bidder with the authority to bind the bidder.
6. All required documents shall be returned to:

Purchasing Agent, City Hall, 700 North Garden St., Columbia, TN 38401.

Mark outside of envelope with **Invitation to Bid New or Demo Mini-Pumper** and opening date of bid August 2, 2021.

Time is of the essence and any bid received after the announced time and date for submittal, whether by mail or otherwise, will be rejected. The time of receipt shall be determined by the City Manager’s Office. Bidders are responsible for ensuring that their bids are stamped by City Manager’s Office personnel before the deadline indicated. Late bids received will be so noted in the bid file and the bid will be returned unopened. Faxed or E-mailed bids will not be accepted.

Nothing herein is intended to exclude any responsible vendor, his product or service or in any way restrain or restrict competition. On the contrary, all responsible vendors are encouraged to bid and their bids are solicited. The City of Columbia is compliant with Title VI of the 1964 Civil Rights Act and as a result does not discriminate on the bases of race, color, religion, sex (including pregnancy), national origin, age (40 or older), disability, sexual orientation, gender identity or expression, genetic information or any other characteristic protected by law. Nor does it exclude from participation in, or denies the benefit of any program or activity receiving federal financial assistance.

All cost associated with the preparation of this bid or its delivery shall be borne solely by the bidder.

1. SCOPE

Columbia Fire & Rescue seeks bids for a new or demo (2021 or newer) mini-pumper. The mini-pumper shall have 10,000 miles or less with a full factory warranty. The chassis shall be a 4 door 4 wheel drive with a diesel engine. The mini-pumper shall also incorporate a fire body, pump, and water tank.

2. GENERAL CONDITIONS

1. **Acceptance of Bids:** The City of Columbia reserves the right to reject any and all bids, to waive any informal technicalities or defects, the scope and nature of which it shall be the sole judge, in any bid, insofar as such technicality or defects do not legally, materially or substantially change such bid. The said City, unless otherwise specified by the bidder, reserves the right to accept any item on bid.

If the bidder fails to state the time within which a bid must be accepted, it is understood and agreed that said City shall have ninety (90) days from bid opening date in which to accept bid.

2. **Error in Bid:** In case of error in the extension prices in the bid, the unit price governs. No bid shall be altered, amended or withdraw, unless the acceptance date has expired, after the opening date of bids. Negligence on the part of the bidder in preparing the bid confers no right for withdrawal of the bid after it has been opened.
3. **Discount Period:** Time in connection with discount offered will be computed from the date of delivery, or from the date correct invoices are received, whichever date is later. Discount other than "Time Discounts" shall be shown on the face of the proposal sheet under "Terms".
4. **Sample of Materials:** Samples of items, when requested, must be furnished free of expense to the City, at the time bids are opened or later if such are called for after the bids have been opened, and if such samples are not destroyed in the process of sampling, they will be returned at the bidder's expense.
5. **Signatures on Bids:** Each bid must contain the full name and business address of the bidder. Any person signing a proposal sheet for himself or as agent, employee or officer of another must show his title and, if requested by the City shall furnish proof of his authority to make such proposal.
6. **Alternate Bids:** Alternate bids will be considered proving such items that appear on such bids meet specifications. Where equivalent items are bid upon, said City reserves the sole right in determining whether they meet specifications.
7. **Proposal Sheets:** Bidders shall use the proposal sheets furnished by the City. Failure to submit this sheet as required shall render the proposal invalid. Proposal sheets must contain prices on per unit and aggregate basis and the total amount of the bid must be stated on the proposal sheet.
8. **Federal or State Sales, Excise or Use Tax:** Every bid shall separately state and set forth, therein the amount of any and all Federal and State sales, excise or use taxes included in the bid prices. If any such taxes are included in the prices bid, the City reserves the right in making the award to

deduct any amount of such taxes thereof. Where labor is required, the bidder shall state separately the amount of labor and materials.

9. **Delivery:** The number of calendar days in which delivery will be made after contract is executed and purchase order placed shall be stated in the bid. When the bidder states no time delivery, it is understood and agreed that delivery is to be made within fifteen (15) days after receipt of order, unless otherwise stated in the specifications.
10. **Compliance:** Contractor shall abide by all federal, state and local laws and statues and obtain all permits required in number seventeen (157) of these conditions.
11. **Specifications:** It is understood that reference to attached specifications shall be sufficient to make the terms of such specifications binding on the contractor. In some instances, the name of the manufacturer, a special brand, or make of an item is used in describing the item or items desired; but this does not restrict the bidder to that manufacturer or specific article, this means being used simply to indicate the character or quality of the article or service desired; but the articles or service on which the proposal are submitted must be equal to that specified, and a statement to that effect shall be made a part of the proposal. Where conflict occurs between the requirement or the General Conditions and the specifications, the requirements of the specifications will govern.
12. **Inspection:** Final inspection and acceptance or rejection will be made at the time of delivery, but all products and workmanship shall be subject to inspection and test at all times and places. The right is reserved to reject articles that contain defective material and workmanship. Rejected materials shall be removed by and at the expense of the contractor promptly after notification of rejection. The City shall not be obligated to pay the full price for any items that do not meet specifications; however, payment may be made at a proper reduction in price.
13. **Bid Opening:** Bids may be mailed or delivered to the Purchasing Agent for the City of Columbia, Tennessee. All bids will be opened and publicly read at a time specified within the invitation to bid. Bids received after the specified time for opening, as shown on the invitation to bid, will not be accepted.
14. **Cancellation:** The City reserves the right to cancel an accepted bid or contract in whole or in part due to nonperformance or defective products.
15. **Permit Requirements:** Successful bidder will be responsible for securing any necessary permits for complying with all required inspections whether local state or federal.
16. **Multi-Year Contracts:** The City reserves the right to enter into multi –year contracts and further has the right to terminate multi-year contracts due to non-appropriation of funds.
17. **Financial Statements:** Financial statements will be submitted upon request.
18. **Term of Payment:** Payment will be made in full after the satisfactory receipt of goods, materials, supplies, and equipment. Payment will be made in full upon satisfactory completion of all contractual services, public improvements and/or construction. Executed contracts must specifically state if there is any partial payment or other deviation from this method of payment.
19. **Complaints – Vendors:** Vendors shall have the right to present a complaint, dispute or grievance concerning unfair treatment, contracts, deliveries, payments, restrictions, and other incidents. The following steps are intended to provide uniform procedures for a vendor to express a problem and obtain remedy.

- a. Step One - Vendor must file a grievance with the Purchasing Agent no later than seven (7) calendar days after the occurrence of the dispute or incident. The complaint must be in writing and include all supporting data and desired solution or remedy. The Purchasing Agent will forward a copy of the complaint with the user department who shall provide a written reply within thirty (30) days to the Purchasing Agent who will review the response and if agreement forward the decision to the vendor.
- b. Step Two – If the vendor is not satisfied with the Purchasing Agent’s response, the vendor may appeal in writing to the City Manager within 10 day from the date of the Purchasing Agents response, who shall with the advice of the Purchasing Agent and/or City Attorney, make a written determination to all parties involved. The City Manager’s decision shall be final.

3. SPECIAL CONDITIONS

3.1 All items bids shall be FOB City of Columbia, Fire and Rescue Station 1, 1000 South Garden Street, Columbia, Tennessee or other designated department location within Columbia city limits.

3.2 The recommendation for award will consider compliance with bid specifications, price, delivery date, availability of parts and services, warranty and past performance of vendor/equipment.

3.3 Successful bidder must furnish one operators manual and one parts/maintenance manual with the Mini-Pumper at time of delivery.

3.4 One set of CAD drawings that show all sides of mini-pumper with their bid.

3.5 During the delivery process, there shall be a representative on site a minimum of four (4) hours for each shift to provide initial instruction in proper operation of all components on the apparatus.

3.6 There shall be a pre-build meeting held between representatives of the apparatus builder and representatives of the department to finalize details prior to the start of fabrication. This meeting shall be held in person or through a teleconference at the discretion of the department.

4. INSURANCE

The awarded vendor shall purchase and maintain in force, at his own expense, ***if requested by the City*** such insurance as will protect him and the City from claims which may arise out of or result from the Vendor’s execution of the work, whether such execution be by himself, his employees, agents, subcontractors, or by anyone for whose acts any of them may be liable. The insurance coverage shall be such as to fully protect the Owner, the City and the general public from any and all claims for injury and damage resulting by any actions on the part of the vendor or his forces as enumerated above. The vendor shall furnish, if requested, a copy of an original Certificate of Insurance, naming City of Columbia as an additional insured. Should any of the policies be cancelled before the expiration date, the issuing company will mail 30 days written notice to the certificate holder. The vendor shall furnish insurance in satisfactory limits, and on forms and of companies that are acceptable to the City of Columbia and shall require and show

evidence of insurance coverage on behalf of any subcontractors (if applicable), before entering into any agreement to sublet any part of the work to be done as a result of awarding this bid.

The following insurance requirements are the minimum that will be acceptable (unless otherwise stated in #9 Specifications and Requirements):

1. Worker's Compensation Insurance – State statutory limits.
2. Commercial General Liability - Including products and completed operations coverage and contractual liability on the amount of \$1,000,000 CSL (combined single limit).
3. Commercial Automobile Liability including owned, non-owned and hired car in the amount of \$100,000 CSL.

5. LAWS, TAXES AND INDEMNIFICATION

The successful vendor shall comply with all applicable local, State and Federal laws. The vendor is further responsible for all taxes associated with providing services under this contract to include all employment related taxes. The vendor agrees to hold harmless and indemnify the City for any and all losses the City may sustain as a result of the actions of the vendor, his employees, or any subcontractors hired as a result of or performing work as a result of an awarded bid.

6. TIME OF THE ESSENCE

Time is of the essence in the performance of a resulting contract. Repeated delays shall be interpreted as failure to meet obligations and shall be cause for cancellation of purchase order.

7. PAYMENTS

Payment will be made after all following conditions have been met:

7.1 Delivery of the equipment as prescribed and acceptance of the equipment by the Chief of The City of Columbia Fire and Rescue or applicable department director as evidenced by their signature on the invoice or bill of sale.

7.2 Within 14 days of presentation of an accurate invoice to the applicable department director.

8. WARRANTY

The bidder shall supply with the bid package a description of all warranties pertaining to the bid.

9. SPECIFICATIONS AND REQUIREMENTS

The specifications listed below represent minimal levels of performance, quality or capacities required. Substitutions meeting the intent and functionality of the specification will be considered. If the unit fails to meet specifications, vendor needs to comment on the nature of the exception taken in writing. Additional pages for vendor comment may be used.

PRIME BIDDER

The prime bidder shall identify the location of their facility and service center.

SERVICE CENTER and CAPABILITIES

The bid requires the successful bidder to have both mobile service capability and an authorized fixed service facility within 150 miles of Columbia Fire & Rescue, 1000 S. Garden Street, Columbia, TN. This service facility shall be available within 24 hours of request at either the fixed location or with mobile service. The successful bidder shall have a 24 hour call line in order to request emergency service.

INSURANCE REQUIREMENTS

City desires manufacturer's product liability insurance coverage in the amount of ten (10) million dollars. Purchaser reserves the right to require proof of insurance from the Manufacturer prior to placing order. Certificate shall name the apparatus manufacturer, insurance company, policy number, and effective dates of the insurance policy.

The manufacturer shall maintain full insurance coverage on the purchaser's cab and chassis from time of first possession by the manufacturer until the apparatus is delivered and accepted by the purchaser (No Exceptions). Purchaser reserves the right to require proof of insurance from the manufacturer's insurance carrier prior to entering into a contract for the apparatus.

PAYMENT TERMS

Full payment for the apparatus shall be made at time of delivery of the completed vehicle. Due to insurance liability, the apparatus will not be left at the purchaser's location without full acceptance and payment or prior agreement between the Purchaser and Bidder.

Final delivery price shall not include any Local, State or Federal taxes. The manufacturer shall not be liable for any State or Federal mandated tax or program after sale or delivery of the apparatus.

ANGLE OF APPROACH

The angle of approach for the apparatus shall not be less than eight (8) degrees as specified by the current edition of NFPA 1901/ 1906.

ANGLE OF DEPARTURE

The angle of departure for the apparatus shall not be less than eight (8) degrees as specified by the current edition of NFPA 1901/ 1906.

COMPLIANCE

The fire apparatus shall be built to the purchaser's requirements in compliance to all State, Local, and Federal highway safety requirements. The vehicle is not intended to meet any or all standards of the NFPA.

CHASSIS SPECIFICATIONS

CHASSIS - Shall be equal to or better than example below:

One (1) New or Demo (2021 OR NEWER) 6.7L DIESEL FORD F-550 XL Trim Package with chrome grill and bumper, automatic transmission, exhaust brake integral, rear axle drive 4x4, dual rear wheels (DRW), four (4) door crew cab and chassis with 10,000 miles or less.

CAB AND CHASSIS PAINT COLOR

Red

TOWING HITCH RECEIVER

A trailer towing hitch receiver with safety chain anchors shall be installed at the rear of the apparatus. The receiver shall accept a 2.50" hitch. One (1) 7-prong connector with a weatherproof cover shall be supplied and mounted near the rear receiver tube.

WHEEL COVERS

Each wheel shall have one (1) stainless steel wheel cover installed.

CHASSIS TOW HOOKS

The front tow hooks shall be provided as detailed in the chassis specifications.

REAR MUD FLAPS

A pair of black rubber mud flaps shall be provided and installed behind the rear wheels.

CENTER CONSOLE

A center console shall be furnished and shall be located between the driver and officer's seats.

12- VOLT POWER POINT- (USB DUAL PORT)

One (1), USB dual port 12-Volt, 3.1 AMP, power point shall be provided. The power point shall be a dual port USB type. The power point shall be wired to the battery direct, and 5 Amp fused.

The power points shall be located on the cab center console.

ELECTRICAL SYSTEM (CHASSIS OEM)

The commercial chassis electrical system shall be furnished and installed by the chassis manufacturer and shall not be altered in any way so as to void or diminish the manufacturer's warranty responsibilities. Body builder wiring interface harnesses shall be specific to the chassis being utilized and the apparatus specifications with all such harnesses, circuits and connections being documented by the body builder and made part of the electrical schematics provided with the completed apparatus.

BATTERY SYSTEM

The battery system shall be supplied with a main disconnect switch located on or near the center console. Fuse block shall be installed inside the center console after main disconnect.

BATTERY CHARGER, BUILT-IN BATTERY SAVER

One (1) Auto Charge.

120 VOLT SHORELINE CONNECTION - AUTO EJECT

The disconnect shall be equipped with a NEMA 5-20P female receptacle, which shall automatically eject the shoreline when the vehicle starter is energized.

INVERTER

Minimum 5000 watt inverter shall be installed in the top of compartment L1 (First compartment located behind drivers side cab) wired with a plug located inside of cab (rear).

FIRE BODY & RELATED COMPONENTS

PUMP

The pump shall incorporate a minimum of a 1250 gallons per minute (GPM) Hale single stage midship type. Pump operator panel shall be located on driver's side. The pump shall be controlled by a Class 1 Total Pressure Governor (TPG) located on the pump operator's panel. It shall control the engine fuel to maintain a desired pump pressure, or engine speed setting. Additionally the TPG will display important engine information specifically battery voltage, engine coolant temperature, oil pressure and RPM.

PUMP ANODES

Two (2) pump anodes shall be installed in the pumping system, one (1) on the discharge side and one (1) on the suction side, to prevent damage from galvanic corrosion within the pump system.

STAINLESS STEEL PLUMBING

All auxiliary suction and discharge plumbing related fittings, and manifolds will be fabricated with 3.00 inch schedule 10 stainless steel pipe; brass or high pressure flexible piping with stainless steel couplings. Galvanized components and/or iron pipe will NOT be accepted to ensure long life of the plumbing system without corrosion or deterioration of the waterway system. Where waterway transitions are critical (elbows, tees, etc.), no threaded fittings will be allowed to promote the smooth transition of water flow to minimize friction loss and turbulence. All piping components and valves will be non-painted, unless otherwise specified. All piping welds will be wire brushed and cleaned for inspection and appearance.

MAIN PUMP INLET - LEFT SIDE

A 6.00 inch pump manifold inlet will be provided on the left side of the pump. The inlet will protrude up to 2.00 inches away from the side panel and maintain a low connection height.

The main pump inlet will have National Standard Threads and includes a removable screen designed to provide cathodic protection for reducing deterioration in the pump.

MAIN PUMP INLET - RIGHT SIDE

A 6.00 inch pump manifold inlet will be provided on the right side of the pump. The inlet will protrude up to 2.00 inches away from the side panel and maintain a low connection height.

The main pump inlet will have National Standard Threads and includes a removable screen designed to provide cathodic protection for reducing deterioration in the pump.

AUXILIARY LEFT SIDE INLET

There will be one (1) auxiliary gated 2.50 inch suction inlet with .75 inch bleeder installed on the left side pump panel.

LEFT SIDE DISCHARGE

There will be one (1) 2.50 inch gated discharges installed on the left side of the apparatus.

RIGHT SIDE DISCHARGE

There will be two (2) 3.00 inch gated discharges installed on the right side of the apparatus.

2.50" PRE-CONNECT

A 2.50 inch discharge will terminate on the upper rear body below the hosebed or inside the upper hosebed.

CROSSLAYS

Two (2) crosslay hosebeds shall be provided on the pump module with swivel connections inside the hosebed. Each of the two (2) crosslay areas shall have a capacity for up to 200' of 1.75" double-jacket fire hose double stacked. The crosslay floor and side walls shall be constructed of smooth aluminum plate. The floor shall be slotted to prevent the accumulation of water and allow for ventilation of wet hose. One (1) smooth aluminum plate fixed divider with a sanded finish shall be provided to separate the two (2) hose storage areas.

FOAM SYSTEM

Foam Cell

Integrated into the water tank will be a minimum 10 US gallon foam cell. It will have a fill tower matching the water tank fill tower and include foam connections on the front of the tank. Both fill towers will be clearly identified as "WATER" and "FOAM."

Foam System

The foam system will be equipped to use Class A Foam

The foam system shall be plumbed to the (2) crosslay preconnects.

WATER TANK

TANK CAPACITY

A water tank shall be installed with a minimum capacity of 300 US gallons.

FILL TOWER

The fill tower opening will be approximately 10.00 inches x 10.00 inches.

The tower will have a removable Polypropylene screen and a Polypropylene hinged type cover that will open if the tank is filled at an excess rate.

The fill tower will have a 3.00 inch overflow that will discharge underneath the tank, behind the rear axle(s), avoiding the chassis fuel tank and suspension components where applicable. The overflow will terminate above the tank water level when filled to the rated capacity.

DECK GUN MONITOR WATERWAY

One (1) 3" deck gun discharge outlet with a 3" electrical valve and Akron 9335 controller shall be provided above the pump compartment.

The valve shall be an Akron 8800HD series with a 316 stainless steel ball and dual polymer seats for ease of operation and increased abrasion resistance. The valve shall have a self-locking ball feature using an automatic friction lock design to balance the stainless-steel ball when in a throttle position with water flowing through it.

The valve shall be of the unique Akron swing-out design to allow the valve body to be removed for servicing without disassembling the plumbing.

The valve shall be equipped with a device that limits the opening and closing speeds to comply with the current edition of NFPA 1901.

The valve control shall be located at the pump operator's panel and shall visually always indicate the position of the valve.

All fabricated piping shall be a minimum of Schedule 10 stainless steel for superior corrosion resistance and decreased friction loss.

The deluge waterway will consist of 3.00-inch piping and will be drained with an auto-drain located at the lowest point of the waterway plumbing if required.

Deck gun discharge will include a 3" electric valve and Akron 9335 controller. **Note:** Does include the monitor.

FOLDING STEPS

Two (2) LED illuminated folding steps conforming to current NFPA requirements, will be provided and installed on the rear of the body.

The steps will have a minimum of 46 sq. inches of surface area capable of sustaining a 1200 lb. static load. They will have a maximum 18" inch spread between each step.

HANDRAILS

Three (3) handrails will be installed on the rear of the apparatus. Each handrail will be of an adequate length, as available usable space allows, to provide a suitable gripping area for personnel.

Two (2) vertical handrails will be installed, one on each side, just below the hose bed sides. The remaining handrail will be installed horizontally, just below the hose bed area.

HOSEBED COVER

The hosebed area will have a vinyl cover installed on the top and rear of the hosebed area.

The top cover will be held in place by an extrusion installed across the front edge of the hosebed and Velcro along the left and right edges. The top rear of the hosebed cover will be secured each side by a footman's loop and buckles allowing for the cover to be pulled tight on each side. Additional footman's loops will be provided each side at the lower corners at the floor of the hosebed to secure the cover to the apparatus.

The full cover will have a flap with Velcro closure providing access to each fill tower without necessitating removal of entire hosebed cover.

CROSSLAY COVER

The crosslay hose bed area will have a vinyl cover installed on the top and each side of the crosslay area.

The top cover will be held in place with velcro. The sides of the crosslay cover will be secured by means of two footman's loops and buckles, each side. The footman's loops will be installed at the lower corners to secure the cover to the apparatus.

The hosebed and crosslay covers will be Red color.

COMPARTMENTS

All compartments shall have rollup doors with a minimum of one (1) tray per compartment.

There will be a total of seven (7) roll-up doors for compartments L-1, L-2, L3, R-1, R-2, R-3, and B-1.

UPPER REAR BODY STORAGE COMPARTMENTS

There shall be (2) compartments at the upper rear of the body, integral of the body design. The compartments will be located one each on the upper left and right rear of the body.

The left side compartment will be for (2) lengths of hard suction storage. The compartment will include a drop down door with push button latches. (Hard suction shall be supplied with apparatus)

The right side compartment will be for ladder and pike pole storage. The compartment will hold a Duo-Safety 1000-A, 2-section extension 14 ft. ladder and (2) pike poles. The compartment will include a drop down door with push button latches. (Ladder and pike poles shall be supplied with the apparatus)

12 VOLT ELECTRICAL SYSTEM

The truck shall have a 12-Volt electrical system. All wiring will be run in convoluted high temperature plastic loom. All electrical will be accordance with modern automotive wiring standards.

HAZARD LIGHT

One (1) flashing red LED light, located in the driving compartment, the light shall be illuminated automatically whenever any compartment door is ajar.

NFPA AUDIBLE AND LIGHTING WARNING PACKAGE

The Whelen warning light package shall include all of the minimum warning light and actuation requirements for the current revision of the NFPA 1901/ 1906 and 360 degree lighting. The lighting as specified shall meet the requirements for both "Clearing Right of Way" and "Blocking Right of Way" which includes disabling all white warning lights when the apparatus is in "Blocking Right of Way" mode.

LIGHTBAR

One (1) Whelen Justice 56" LED light bar shall be supplied and mounted. The light bar shall have clear lenses and contain red and white modules.

LIGHT BAR ACTUATION

The light bar shall be controlled by a switch in the middle console.

ELECTRIC SIREN AND CONTROL

One (1) Whelen electronic siren shall be mounted in the middle console. This unit shall feature an electronic air horn, wail, yelp, hi-lo and shall have a hard wired PA microphone.

ELECTRONIC SIREN SPEAKER

Two (2) Whelen 100 watt cast aluminum speakers shall be installed on the front of the vehicle. It shall be wired to the electric siren located in the cab.

PRE-WIRED ANTENNA CABLES

There shall be three (3) RG58U coax cables pre-wired by the body builder from the chassis roof to the cab center console. Cables to be clearly labeled and secured within the console. Antenna bases to be protected by removable covers. Additional traffic control device will be supplied by buyer to be installed by the vendor.

REAR BODY CHEVRON

"Diamond Grade" Chevron reflective striping, six-inch (6") wide, shall be applied to at least 50% of the entire rear body panel. The chevron style striping shall be applied in an inverted "V" pattern at a 45-degree angle from the tailboard to the upper centerline of the rear panel. The stripes shall alternate red reflective, yellow reflective.

DECAL AND STRIPING

Location and application details to be determined.

Example:



CAB STEP BARS

There shall be a pair of polished stainless steel cab step bars provided and installed on the finished apparatus. The step bars shall be sized appropriately to fit this exact chassis and shall fill in the entire area under the cab door(s).

EXTERIOR SURFACES

All exterior surfaces designated as stepping, standing, and walking areas shall comply with the required average slip resistance of the current NFPA standards.

REAR BUMPER

The tailboard shall be constructed of 1/8" polished embossed aluminum diamond plate. The tailboard shall be a minimum of 12" deep and run the full width of the body. The exterior sides shall be flanged down for increased rigidity of tailboard structure. The height from the ground to the top of the step bumper shall not exceed 24" when fully loaded.

COMPARTMENT LIGHTING

Each body compartment shall be equipped with LED compartment lighting. The lighting shall be mounted vertically along the side of each door to extend the full height of the compartment. There shall be one full height light located in each compartment. Opening the compartment door shall automatically turn the compartment lighting on.

BACK UP ALARM

One (1) back-up alarm shall be provided and installed on the apparatus. The minimum 97db backup alarm shall automatically activate when the apparatus transmission is placed into reverse. The backup alarm shall exceed all NFPA1901 and SAE J994 Type D requirements and testing.

WINCH

There shall be a front mounted winch provided and installed on the apparatus. There shall be heavy duty electrical connections provided on the front of the apparatus to power the winch from the chassis 12 volt electrical system. There shall be a Warn (or equivalent) transformer winch mounting kit provided and installed on the apparatus. The winch shall be as follows:

- Warn Zeon 12,000 DC 12 Volt Electric Winch (or equivalent)
- Remote Control with 125' Cable
- Wire Rope with Hook
- Fairlead Roller System

REAR VIEW CAMMERA

There shall be a color rear view camera system provided and installed on the finished apparatus. The system shall feature a 7" color display with an infrared camera for night visibility. The display shall be mounted in clear view of the driver without blocking forward visibility. The system shall have an audio feature to allow the driver to hear voice commands from the rear while the system is in operation. The rear view camera system shall automatically activate when the chassis transmission is placed into reverse gear.

TELESCOPING SCENE LIGHTS

There shall be two (2) Akron (or equivalent) Revel telescoping scene lights provided and mounted on the apparatus. The LED lights shall operate from the chassis 12 volt electrical system and shall have a rated output of 14,000 lumens each. The lights and push up poles shall be located on the front of the apparatus body. The lights shall be activated from a switch located on the light head.

SCBA JUMP SEATS

3 SCBA jump seats shall be installed. Location of jump seats shall be the front passenger seat and two located in the rear. Example below:



SCBA BOTTLE STORAGE

4 SCBA storage compartments located in the corner rear fender wells of each side. Example below:



EQUIPMENT LIST FOR OPTION 2 (ALL EQUIPMENT TO BE MOUNTED BY VENDOR)

- 8 sections - Fire Hose, 1.75" x 50' Yellow, Combat Ready, 1.5" NH
- 8 sections – Fire Hose, 2.50" x 50' Yellow, DJ, ECO,800 PSI, 2.5" NH
- 8 sections – Fire Hose, ECO-10 DJ Hose, 4" x 100', Orange, 5" Stortz Coupling
- 2 – 1.50" NH automatic fog nozzle with pistol grip
- 2 – 2.50" NH automatic fog nozzle with pistol grip
- 1- 2.5" Playpipe w/shutoff & 1", 1.125", 1.25" Tips
- 1 – 10 lb dry chemical extinguisher with mounting bracket
- 1 – 10 lb CO2 extinguisher with mounting bracket
- 1 – 20 lb water extinguisher with mounting bracket
- 1 – Pickhead ax w/mounting brackets
- 1 – Flathead ax w/mounting brackets
- 1 – Iron set (Flathead / halligan) with carrying strap
- 2 – Spanner/Hydrant wrench sets with mounting bracket
- 1 – Set of stortz spanners with mounting bracket
- 2- Gate valves (2 ½")
- 2- Gated wyes (2 ½" - 1 ½" - 1 ½")
- 2- 2 ½" Double male adapters
- 2- 2 ½" Double female adapters
- 2- 1 ¾" Double male adapters
- 2- 1 ¾" Double female adapters
- 4- 2 ½" x 1 ½" adapters
- 1- 4 ½" to 5" stortz (for hydrant connection)
- 1- Low profile intake valve to 5' stortz (to match intake piping)
- 24" Bolt Cutters
- K-Tool
- Hurst E-Draulics Combo Tool
- 100+ piece socket set
- 2 – 100' 12/3 heavy duty extension cord
- Fire Department Knox box KeySecure 6
- RAM No-Drill Universal Laptop Mount complete kit
- 21 piece long reach door lockout kit
- 5 Streamlight Survivor LED flashlights with 5 bank charger
- 2 – 4' New York hooks
- 8 lbs 36" sledge hammer
- 80 volt electric Kobalt chainsaw with 2 batteries
- 20 volt dewalt cordless drill set
- 2 sections hard suction for compartment
- Battery powered PPV Fan
- Dewalt Flexvolt 60 volt MAX cut-off saw kit 9"
- 14.4 volt Rhyno windshield cutter
- 18 Volt 14-gauge double cut metal shear kit with 2 3.0ah batteries and charger
- 4 – Seek Reveal FirePRO X units with bank charger

BIDDER INFORMATION FORM

BID PROPOSAL FOR NEW OR DEMO 2021 OR NEWER MINI PUMPER SOLICITATION 422-0721-06

BIDDER NAME: _____

ADDRESS: _____

PHONE NUMBER: _____

EMAIL ADDRESS: _____

Having examined the BUYER'S specifications for a RESCUE APPARATUS, the BIDDER submits a

OPTION 1 NEW OR DEMO MINI PUMPER WITHOUT EQUIPMENT TOTAL BID PROPOSAL PRICE OF:

\$ _____ Dollars and _____ Cents

OPTION 2 NEW OR DEMO MINI PUMPER WITH EQUIPMENT TOTAL BID PROPOSAL PRICE OF:

\$ _____ Dollars and _____ Cents

Nearest factory authorized repair and parts facility _____

Warranty Information enclosed? _____ Copy of CAD drawing enclosed? _____

Proposed manufacturer's product liability insurance coverage amount? _____

Any Exceptions to the specifications? _____ If yes please attach explanation to all exceptions.

BIDDER understands that the bid proposal shall not be withdrawn following the date of the bid proposal opening unless the purchaser has extended the opening date.

BIDDER understands that the BUYER may reject any and all bids and may not negotiate with any BIDDER to reduce or alter the bid proposal price.

In compliance with this Invitation for Bid for New or Preowned (2016 or newer) Mini Pumper and subject to all conditions thereof, the undersigned offers and agrees to furnish any or all items and/or services, at the price quoted as specified.

My signature below certifies that the accompanying bid is not the result of or affected by, any act of collusion with another person or company engaged in the same line of business or commerce, or any act of fraud punishable under the Laws of the State of Tennessee or the United States. Furthermore, I understand that fraudulent and collusive bidding is a crime and can result in fines, prison sentences and civil damage awards. I hereby certify that I am authorized to sign this bid for the bidder.

Respectfully Submitted:

Signature: _____ Title: _____ Date: _____

IRAN DIVESTMENT ACT STATEMENT

A person engages in investment activities in Iran if:

(1) The person provides goods or services of twenty million dollars (\$20,000,000) or more in the energy sector of Iran, including a person that provides oil or liquefied natural gas tankers, or products used to construct or maintain pipelines used to transport oil or liquefied natural gas, for the energy sector of Iran; or

(2) The person is a financial institution that extends twenty million dollars (\$20,000,000) or more in credit to another person, for forty-five (45) days or more, if that person will use the credit to provide goods or services in the energy sector in Iran and is identified on a list, created pursuant to § 12-12-106, as a person engaging in investment activities in Iran as described in this section.

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to Tennessee Code Annotated § 12-12-106."

Vendor Name: _____

Vendor Signature: _____

Date: _____

The City of Columbia is subject to certain governmental recordkeeping and reporting requirements for the administration of state and federal funded projects, bids and proposals. In order to comply with these laws, the City invites vendors, consultants, contractors, etc. to voluntarily self-identify their race or ethnicity, if they are a disadvantaged business enterprise, or a women owned business.

Submission of this information is voluntary and refusal to provide it will not subject you to any adverse treatment. The information obtained may only be used in accordance with the provisions of applicable laws, executive orders, and regulations, including those that require the information to be summarized and reported to the state or federal government. When reported, data will not identify any specific individual.

White _____ African American _____ American Indian/Alaskan Native _____

Native Hawaiian/Other Pacific Islander _____ Asian _____ Hispanic _____ Women Owned _____

Certified DBE _____