

Roaring Fork Fire Rescue Authority
2023-2024 Super Single Type 3 Truck Design, Build, & Purchase



Super Single Type 3 Truck Design & Build

ROARING FORK FIRE RESCUE

Request for Proposals

Issued: September 29, 2023

You are cordially invited to submit a proposal for a design & build of a Brush Truck. The Roaring Fork Fire Rescue Authority will include minimum specifications in this Request for Proposals. We have attempted to eliminate proprietary specifications that would exclude a company from submitting a proposal. However, if there is something noticed in the specification list that is proprietary, please submit a version that your company deems would meet the performance standard and explain your justification. Our committee will have the final determination if it meets the standards, we have set forth. The total price, including delivery, shall not exceed \$350,000. Over a three-year period, starting in 2024, three (3) brush trucks with the same specifications are planned to be ordered.

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ALL PROPOSALS MUST BE RECEIVED
BY: November 27, 2023 by 5:00 p.m.

Instructions to Proposers

Proposers are requested to read the complete request for proposals carefully and submit their proposals in strict accordance with the requirements set forth.

Sealed proposals are to be delivered to:

Roaring Fork Fire Rescue Authority
1089 JW Drive
Carbondale, CO 81623

These instructions are part of your proposal, and your signature on the completed proposal schedule serves as a warranty that your proposal is genuine and that you have read, understood, and agreed with all contract provisions.

These specifications in total, or a copy of them, shall be attached to, and remain a part of the qualified proposer's proposal and contract form. For questions, please contact Deputy Fire Chief Richard Cornelius at (970) 340-7037.

Evaluation of Proposals-Award

All proposals in response to this Request for Proposals will be evaluated in a manner consistent with the Authority's Purchasing Policy. The Authority reserves the right to reject any or all submittals or to waive any formality or technicality in any submittal, in the best interests of the Authority. The Roaring Fork Fire Rescue Authority will evaluate each proposal using the objective criteria, which shall include:

- a. Experience 5%
- b. Performance ratings 10%
- c. Inspection 5%
- d. Quality & Workmanship 40%
- e. Time and manner of delivery 5%
- f. References 5%
- g. Cost (Not to exceed \$350,000; must be submitted in a separate, sealed envelope) 10%
- h. Suitability for a particular purpose 20%

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Grading

A committee will be assembled consisting of five personnel; one Wildland Coordinator, one Lieutenant, one Fleet Manager, one Driver/Operator, and one Firefighter. They will meet together to grade the proposals submitted in accordance with the metrics set here forth. This will be set up after the final proposal submissions has closed. The final grade will be reported to the Roaring Fork Fire Rescue Authority Deputy Fire Chief and Fire Chief for their approval. The final decision will then be approved by the Roaring Fork Fire Rescue Authority Board of Directors at their meeting on December 5, 2023, at 9:00 a.m.

Each category except for Cost will be scored by the evaluation committee on a scale of 1-10, where 1 indicates that the proposal fails to address some or all of the requirements described in the RFP or fails to demonstrate that the offeror can perform the scope of work, and 10 indicates that the proposal addresses and exceeds all of the requirements or criteria described in the RFP. The category will then be given a corresponding percentage point. For instance, if a category is worth 25% of the overall score, a score of 10 will receive all 25 available points for that category. A score of 9 will receive 90% (9/10, in other words) of the available percentage points for that category, which, in this example, equals 22.5 points, and so on.

The cost proposal will be reviewed separately by an individual not part of the evaluation committee using a scale of 0-10, and the cost score will be added-in after the scoring of the proposal is complete. The offeror with the lowest proposed price will receive 100% of the pricing points (10 points). All other Proposers will receive a portion of the total pricing points based on the lowest price divided by the Proposer's price multiplied by the total possible points. Points will be rounded to the nearest whole number.

- L - Lowest Price
- P - Proposer Price
- T - Total Possible Points for Pricing (10)

$$\text{Cost Score} = L/(P \times T)$$

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RFP NO 01-2023

DUE DATE: November 27, 2023

TIME: By 5:00 p.m.

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Sealed proposals are to be delivered to:
Roaring Fork Fire Rescue Authority
ATTN: Deputy Fire Chief Richard Cornelius
1089 JW Drive
Carbondale, Colorado 81623

I/We propose to furnish to Roaring Fork Fire Rescue Authority meeting specifications and under the conditions set forth in accordance with RFP NO 01-2023 at the prices bid herein.

Apparatus and Equipment Bid,

FOB Carbondale, Colorado \$

Delivery time required after receipt of order: _____, or _____ calendar days.

I, do solemnly swear that neither I, nor to the best of my knowledge, any member of my firm or company, have either directly or indirectly restrained free and competitive bidding on this project by entering into any agreement, participating in any collusion, or otherwise taking an action unauthorized by Roaring Fork Fire Rescue Authority.

Signature

Title

Firm Name

Address

Date

City/ State/ Zip

Roaring Fork Fire Rescue Authority

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Minimum Specifications

Must meet NWCG Type 3 Specification

- 500-gallon tank
- 150 gpm pump @ 250PSI
- Carry 1000 feet of 1 ½” hose (single jacket polyester hose)
- Carry 500 feet of 1” hose (single jacket polyester hose)
- Hold three personnel minimum
- Foam Proportioner System
- Ability to prime and pump water from a 10-foot lift

Paint

- Base color to match Axalta Red (L466EW)
- Chassis shall be painted to match Axalta Red (L4664EW)
- Axalta Gray Metallic (B1813F) on chassis roof and hood, down to below window
- Door jambs shall be painted to match the chassis

Graphics

- Oralite 6” diagonal stripes, Red (V98-12) and Yellow (V98-18), alternating between the two colors, 45-degree angle, installed rear of body
- Stripe # 1: Engine Turn Silver with 0.25” Black outline, 1”, Vinyl, located at paint break line on chassis
- Stripe #2: Slate Metallic 180MC-201, 1”, Vinyl, lower side of chassis 1” above 6” Black stripe
- Stripe #3: Black #680CR-85, 6”, Scotchlite, lower side of chassis
- Stripe #4: Slate Metallic 180MC-201, 1”, Vinyl, lower side of chassis, 1” below 6” Black stripe
- In 6” Black stripe on body incorporate “SOLVING ♦ SERVING ♦ SAVING” in Hectiva Bold, color shall be Engine Turn Silver with Black drop shadow left, with two Red diamonds, Scotchlite material
- Authority decal supplied by buyer located on chassis door above striping

Chassis Specifications

Ford F-550 – 4x4 – Diesel – 4 Door

- OEM options for cold weather, increased weight capacities, and ground clearance (i.e Snow Plow Prep Package, Trailer Tow Package, etc.)
- Cab to Axle 60”
- GVWR 19,500 pounds
- Power Package (Electric Windows, Locks, Mirrors)
- Cruise Control
- Chassis Fleet/Government Incentive Discount
- Ember separator device for use in the engine air intake system

Chassis Modifications

- Aluminum Front Bumper and Brush Guard, Rear Bumper
- Winch (16,500+)
- Rear Receiver
- Super Single Kit
- Upgraded Suspension
- Upgraded Steering Stabilization
- Tires and Wheels, Super Single 365/80 R20 (4)
- Spare Tire and Wheel Super Single 365/80 R20 (1)
- Mud Flaps Rear Wheels
- Front Bumper Skid Protection Panel
- Transfer Case Skid Protection Panel
- Cab Console, Poly, Custom
 - Cup Holders
 - USB Port
 - Padded Arm Rest
 - 12V Power

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Chassis Modifications (continued)

- Radio Installs
 - Two radios supplied by buyer with wiring harness and interconnect cables
- Electronic Siren
 - 200-watt
 - Radio Rebroadcast, Public Address, Manual, Wail, Yelp, Piercer (or equivalent), Airhorn
 - Hands-free function shall operate through the OEM horn
- Speakers
 - Two installed in the OEM bumper
- Monitor
- Rear View Camera System with rear-view mirror monitor
- Battery Tender (Kussmaul Auto Eject)
- Running Boards

Body

- Lightweight Construction
- 6 Side Compartments, 2 Shelves each
- Slam doors with key locks
- Rear Door (Pump Compartment) Rollup
- Rear Compartment with Dividers for 2 ½" Hard Suction
- Full Coverage Roof with storage
- Spare Tire Compartment, Top of Tank
- Paint chassis match
- Compartment Ventilation
- Compartment Lights, LED Strip Light
- Compartment Light Door Switches
- Compartments fitted with Dri-Dek interlocking tile
- Automatic Door Ajar Light, Red Flashing LED
- SAE J994-compliant self-adjusting back-up alarm

Tank

- Water tank 500 Gallon Capacity, Poly
- Foam Tank Capacity, 10 Gallons, Class A, Poly Foam Tank, Fill and Vent
- Foam Proportioner System
- Digital and Remote Water Level Indicator
- Flow Water Tank Drain Plug, 1.5"
- Foam Tank to Foam System, 3/4" Foam Tank Drain and Valve,
- Foam Tank Gauge, Class 1, Class A, Rear & Cab
- Direct Tank Fill, 2 ½" with screen and valve

Fire Pump

- Diesel Powered Pump producing 150 gpm @ 250psi
- Fuel supply from Chassis
- Thermal Relief Valve
- Standard Stainless-Steel Manifold Valves, Quarter Turn
- Hose Threads
- Exhaust System, Vertical, Rain Cap, Aux Pump Primer, Muffler & Exhaust, Aux Pump
- Primer, Electric
- Primer, Manual
- Pump Enclosure - Diesel Pump & Pump Control Panel
- Dual Pump Controls (Electronic),
- Battery Supply, 12V, Chassis, Master Switch
- Pump Engine Oil Drain
- Pump Drain, Master Drain-Low Point

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Plumbing

- 2 ½ Discharge Located at Pump Panel (NH)
- 1 ½ Discharge Located at Pump Panel (NH)
- 1 ½ Discharge Located at Front Bumper (NH)
- 1" Discharge Hose Reel (NPSH)
- Tank-To-Pump, Water Tank, 2.5"
- Hose Reel, Hannay, D/S & P/S Mount, Elec Rewind, Alum 200-Foot Reel Capacity
- Hose Reel Hose (non-collapsible single jacket polyester hose), 1" x 150', rated at 300psi
- 1 ½" for 200' pre-connect (single jacket polyester hose)
- Forestry Bumper Turret
 - Remote controlled in cab

Lighting

- Grille LED Flashers – Red
- Headlights Flasher
 - Shutoff when vehicle in park
- Bumper - Off Road Light Bar
- Low-profile, dual color linear LED Lightbar – Red/White
 - Red front flood, rear flood and alley lights
 - White takedowns
 - All white flashing lights shutoff when vehicle is in park
- Opticom traffic preemption emitter mounted in lightbar
 - Shutoff when vehicle in park
- Side LED Flashers - Red
- Side Flood and Working Lights
- Rear LED Flashers – Red/Amber (not at eye level)
- Rear Flood and Working Lights (not at eye level)
- Under body LED lighting
 - Sides and rear