



**Woodlake Fire
Protection District**

216 E. Naranjo Blvd.
Woodlake, CA 93286
Phone: (559) 564-2181
Email: aperez@ci.woodlake.ca.us

SUBJECT: Request for Proposal for Fire Engine

You are invited to submit a proposal to the Woodlake Fire Protection District (WFPD), Tulare County for a Type 1 Fire Engine.

Attached hereto are the general conditions, technical specifications, and submittal format.

The written requirements contained in this Request for Proposal (RFP) shall not be changed or superseded except by written addendum from The WFPD Fire Chief. Failure to comply with the written requirements for this RFP may result in disqualification of the submittal by The WFPD.

Submittals are to be sealed, marked with the vendor or contractor's name and address and labeled: **“RFP 22-001”** and delivered to:

Woodlake Fire Protection District
216 E. Naranjo Blvd.
Woodlake, CA 93286
Attn: Chief Perez

The WFPD reserves the right to reject any and all submittals, to waive any technicalities or irregularities and to award contracts based on the highest and best interest of the District.

Inquiries regarding this Request for Proposal (RFP) are encouraged to contact **Chief Anthony Perez of the Woodlake Fire Protection District at (559) 564-2181 or aperez@ci.woodlake.ca.us** to clarify any specific part of the RFP requirements.

**Proposals that are not 100% NFPA 1901-2016 Compliant will
NOT BE CONSIDERED!**

Any references to manufacturer or brand names are for reference purposes only and are not intended to exclude products from other manufacturers.

**WOODLAKE FIRE PROTECTION DISTRICT
REQUEST FOR PROPOSAL
FOR
New Fire Engine**

SECTION I - REQUEST FOR PROPOSAL OVERVIEW

1.0 PURPOSE

WFPD request bids for proposals for the complete build and furnishing of all necessary labor, equipment, and material for a custom NFPA 1901 compliant Fire Engine Pumper. The purpose of these specifications is to describe the minimum requirements of the WFPD for a **NEW FIRE ENGINE** for the WFPD. The Department is seeking to identify and select a qualified supplier that has the knowledge, technical resources, experience, reputation, and capacity to design, manufacture, deliver and provide continuous support for the Fire Apparatus.

It is the intent of these specifications to cover the general manufacture, furnishing and delivery to the Fire Department a complete, NFPA 1901-2016 compliant, apparatus equipped as specified.

1.1 INFORMATION TO VENDORS

RFP TIMETABLE

The anticipated schedule for the RFP is as follows:

RFP Available	March 9, 2022
Deadline for questions	March 23, 2022
Submittal deadline	March 30, 2022 4:00pm, Pacific Standard Time

1.2 RFP SUBMISSION:

An original and copies (See section 1.17) of the complete signed submittal must be received **by deadline listed in section 1.1**. Proposals must be submitted in a sealed envelope stating on the outside, the vendor's name, address, the RFP number, and title to:

Woodlake Fire Protection District
216 E. Naranjo Blvd.
Woodlake, CA 93286
Attn: Chief Perez

Hand delivered copies may be delivered to the above address **ONLY** between the hours of 8:30 a.m. and 4:30 p.m. PST, Monday through Friday, excluding holidays observed by the WFPD. Please call on arrival. Vendors are responsible for informing any commercial delivery service, if used, of all delivery requirements and for ensuring that the required address information appears on the outer wrapper or envelope used by such

service. The Submittal must be signed by a company officer who is legally authorized to enter into a contractual relationship in the name of the vendor.

1.3 CONTACT PERSON & INQUIRES:

Vendors are encouraged to contact the WFPD Chief Anthony Perez at (559)564-2181 or aperez@ci.woodlake.ca.us to clarify any specific part of the RFP requirements. All questions that arise must be submitted prior to five (5) business days before the submittal due date (see 1.1) and shall be directed to the contact person in writing via email. Any unauthorized contact shall not be used as a basis for responding to this RFP and also may result in the disqualification of the vendor's submittal.

Vendors may not contact any elected official or District employee to discuss the proposal process or proposal opportunities. Contact of this nature will result in immediate disqualification of the vendor.

1.4 ADDITIONAL INFORMATION/ADDENDA

The WFPD will issue responses to inquiries and any other corrections or amendments it deems necessary in written addenda issued prior to the due date. Vendors should not rely on any representations, statements or explanations other than those made in this RFP or in any addendum to this RFP. Where there appears to be a conflict between the RFP and any addenda issued, the last addendum issued will prevail.

Vendors must acknowledge any issued addenda by including the Addenda Acknowledgement Form with the submittal. Proposals which fail to acknowledge the vendor's receipt of any addendum will result in the rejection of the offer if the addendum contains information which substantively changes the owner's requirements

1.5 LATE SUBMITTAL, LATE MODIFICATIONS AND LATE WITHDRAWALS

Submittals received after the due date and time will not be considered. Modifications received after the due date will not be considered. The WFPD assumes no responsibility for the premature opening of a proposal not properly addressed and identified, and/or delivered to the proper designation.

1.6 REJECTION OF PROPOSALS

The WFPD may reject any and all submittals and reserves the right to waive any irregularities or informalities in any submittal or in the submittal procedure.

Submittals received after said time or at any place other than the time and place as stated in the notice will not be considered.

1.7 MINIMUM RFP ACCEPTANCE PERIOD

Valid submittals shall not be withdrawn without written permission from the WFPD and shall remain valid for a period of 60 days from the date specified for receipt of submittals.

1.8 NON-COLLUSION AFFIDAVIT

By submitting a response to this RFP, the vendor represents and warrants that such proposal is genuine and not a sham or collusive or made in the interest or in behalf of any person not therein named and that the vendor has

not directly or indirectly induced or solicited any other vendor to put in a sham proposal, or any other person, firm or company to refrain from submitting and that the vendor has not in any manner sought by collusion to secure to that vendor any advantage over any other vendor.

By submitting a proposal, the vendor represents and warrants that no official or employee of the WFPD has, in any manner, an interest, directly or indirectly in the proposal or in the contract which may be made under it, or in any expected profits to arise there from.

1.9 COST INCURRED BY VENDORS

All expenses involved with the preparation and submission of the RFP to the WFPD, or any work performed in connection therewith is the responsibility of the vendor(s).

1.10 RFP OPENING

RFP submittal packages will be opened and reviewed by a selected committee. A list of names of companies responding to the RFP may be obtained from Chief Perez, after the RFP due date and time stated herein. There will not be a public opening; however, a Talley Sheet will be available on the District website.

1.11 TAXES.

Selected vendor will be provided with The WFPD Sales and Use Tax Certificate of Exemption number upon request.

1.12 VENDOR INFORMATION

All submissions shall include a current W-9. Vendors whose place of business is other than the State of California may be required to provide the Purchasing Agent with copies of your state's regulations and/or laws concerning the application of certain vendor preference requirements to vendors whose place of business is in the applicable state. Failure to provide this information will result in the disqualification of the vendor from submitting a proposal.

1.13 INSURANCE

Selected vendor will be required to provide proof of liability and workman's compensation insurance before work can begin on the Districts project. Workman's Compensation Insurance should be as required by the State of California. General Liability should cover \$1,000,000 per incident. The vendor, if awarded a contract, shall maintain insurance coverage reflecting the minimum amounts and conditions specified by the District. In the event the vendor is a government entity or a self-insured organization, different insurance requirements may apply.

The vendor shall procure and maintain for the life of the Contract/Agreement Worker's Compensation Insurance covering all employees with limits meeting all applicable state and federal laws. This coverage shall include Employer's Liability with limits meeting all applicable state and federal laws. This coverage shall extend to any subcontractor that does not have their own Worker's Compensation and Employer's Liability Insurance. Thirty (30) days notice of cancellation is required and must be provided to the WFPD via Certified Mail.

1.14 TERMINATION

Federal, State, and other Local government agencies, including the WFPD, may terminate this Agreement in the event funds are not appropriated for it in future periods; provided, however, that funds are also not appropriated for equipment or services that replace those contracted for under this Agreement.

Accordingly, the WFPD reserves the right to terminate this contract by giving Offeror thirty (30) days written notice, without liability to the District, in the event that funding for this contract is discontinued or is no longer available.

1.15 ANTI-DISCRIMINATION

By submitting a response to this RFP, all perspective contractors certify to The WFPD they will conform to the provisions of the Federal Civil Rights Act of 1964, as amended. In every contract of over \$10,000 the provisions in 1.15.1 below apply:

1.15.1 During the performance of this contract, the contractor agrees as follows.

1.15.1.1 The contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex or national origin, except where religion, sex or national origin is a bona fide occupational qualification reasonably necessary to the normal operation of the contractor. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.

1.15.1.2 The contractor, in all solicitations or advertisements for employees placed by or on behalf of the contractor, will state that such contractor is an equal opportunity employer.

1.15.1.3 Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.

1.15.1.4 The contractor will include the provisions of 1.15.1. in every subcontract or purchase order of over \$10,000 so that the provisions will be binding upon each subcontractor or vendor.

1.16 SUBMISSION REQUIREMENTS

1.16.1 To facilitate evaluation of Proposals please submit the following:

- 1.16.1.1 One (1) fully executable (signatures included) electronic copy of the response PDF format.
 - 1.16.1.2 Two (2) versions of the proposal. **The original shall be clearly marked “original”.**
 - 1.16.1.3 The Proposal shall be prepared with a straightforward, concise delineation of the vendor’s capabilities to satisfy the requirements of this RFP.
- 1.16.2 Each Contractor must provide at the time of the bid opening:
- 1.16.2.1 Detailed outline of the necessary work to complete project.
 - 1.16.2.2 Complete set of specifications **with drawings** for the apparatus proposed in the submitted bid.
 - 1.16.2.3 One (1) electrical wiring diagrams, prepared for the body as it interfaces with the chassis, will be provided.
 - 1.16.2.4 A proposed Work Schedule to complete the project (start-up, pre-construction meetings, and date of delivery)
- 1.16.3 Bidder will furnish, upon request, technical information, graphs, charts, photographs, engineering diagrams, steering geometry, drive train certifications, instruction guides, or other documentation as requested to show that the equipment fully complies with these specifications.
- 1.16.4 The use of proprietary parts may not be acceptable to Purchaser.
- 1.16.5 Proposals taking total exception to bid specifications will not be accepted.
- 1.16.6 No bid will be considered which requires the Purchaser to deposit with the Contractor a down payment, prepayment of chassis, or any other such consideration as a condition of the bid. Such a requirement will be grounds for rejection of the bid.

1.17 ACCEPTANCE

Submission of any proposal indicates acceptance of the conditions contained in the RFP unless clearly and specifically noted otherwise in the proposal.

1.18 SILENCE OF SPECIFICATIONS

The apparent silence of specifications as to any detail, or the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best commercial practice is to prevail and that only material and workmanship of the finest quality shall be used. All interpretations of specifications shall be made on the basis of this statement.

1.19 CITY GOVERNMENT

The WFPD operates under a board of commissioner-manager form of government. This system of local government utilizes the strong political leadership of elected officials in the form of the Board of Commissioners. It is anticipated that the vendor may be required to make one or more appearances at District board meetings to answer questions and present results. The documentation provided in this request for Proposal is intended to provide a common methodology of development and basic technical skills for Proposal purposes.

SECTION II – GENERAL CONDITIONS

2.0 APPLICATION TO NFPA STANDARDS

The National Fire Protection Association Standard “NFPA 1901 - Standard for Automotive Fire Apparatus – Most Current Edition” (hereinafter referred to as NFPA 1901) in effect at the time of the purchase shall be used as a reference and its requirements shall be met by the apparatus manufacturer. The apparatus shall be constructed in accordance with federal and state laws at the time of bid. Any federal, state or NFPA amended changes that shall affect the cost of producing said apparatus shall be charged to the purchaser. Mandatory minor apparatus equipment as stated in the applicable paragraphs of the NFPA standard shall not be provided unless specifically stated and listed in purchaser’s written specifications. Any and all references to “NFPA 1901” within this document shall refer to the current edition of NFPA 1901 in effect at the time of the purchase. Proposals that are not 100% Compliant with the latest edition of NFPA 1901 will NOT BE CONSIDERED.

- 2.1 The apparatus will meet all requirements of **NFPA 1901-2016** with the exception of the section dealing with "Equipment Recommended for Various Types of Apparatus". Contractor will provide the equipment requested herein and the Purchaser will supply any loose equipment not specified before the apparatus is put into service.
- 2.2 Full vehicle specifications including drawings (with electrical schematic and amp draw) will be provided in detail to document reference to these standards.
- 2.3 Photographs of similar constructed apparatus will be included in the bid package to detail the proposed specifications.
- 2.4 Failure by the District to list the detailed specification does not preclude the contractor from compliance with the NFPA 1901 standard.
- 2.5 It is the Contractor’s responsibility to ensure compliance with the NFPA standard.
- 2.6 Subsequent to delivery if the apparatus is found to be non-NFPA compliant due to a manufacturing issue, the Contractor will be responsible for bringing the apparatus into compliance.
- 2.7 **The contractor will supply a letter signed by a company official that states that the truck meets ALL requirements of the current edition of NFPA 1901, as defined in NFPA 1901 4.21. Because of the source of funding for this apparatus, exceptions to NFPA 1901-2016 WILL NOT BE ALLOWED. FAILURE TO COMPLY WITH THIS REQUIREMENT IS AUTOMATIC GROUNDS FOR BID REJECTION.**
- 2.8 The Contractor will have full time Emergency Vehicle Technician (EVT) certified maintenance technicians in compliance with NFPA 1071 classifications F-2 through F-6 on staff to provide service. On-site service will be the primary mode of maintenance and warranty repair to eliminate the requirement of transporting the vehicle outside the fire department jurisdiction.

3.0 SCOPE OF WORK

3.1 GENERAL DESCRIPTION

Chassis: Custom, tilt type, 4 door crew cab, minimum 10” raised roof

Pump: 1,500 gpm Waterous CSU, single stage, midship pump, Tank: 750 gallon 3.2

CHASSIS

3.2.1 General

1. **All equipment, construction, features, and labels as required by NFPA 1901-2016.**
2. Designed and engineered specifically for fire service and manufactured by the apparatus builder.

3. Cab
 - a. Crew cab
 - b. Full tilt with hydraulic lift system
 - c. Interlocked to parking brake
4. Axle
 - a. Front- 18,000 pound
 - b. Rear- 24,000 pound
5. Alternator – 320 amp or greater, heavy duty
6. Back up Alarm (97 DB) installed rear of the unit
7. Batteries: Four (4) 12 Volt maintenance free
8. Battery Charger & Compressor with shoreline receptacle and auto eject battery charger (Kussmaul Pump Plus 1200, with Super Auto Eject, 110 V connection)
9. Brake System- Full air exhaust brakes
 - a. Air inlet to allow station air to be supplied to brake system through a shoreline hose
 - b. Located driver side, lower step well of cab
10. Bumper, front
 - a. Extended to provide hose tray, sirens, and horns.
 - b. Painted truck color
 - c. Center hose tray with restraint straps
 - d. Capable of holding 150 feet of 1.75” DJ hose
 - e. Preconnect: 1.5”
 - f. Gravel pan between bumper and cab face
11. Engine: Cummins L9, Diesel, 450 hp
12. Engine compartment light
13. Exhaust system: EPA compliant (California Emissions)
14. Fender Crowns
 - a. Stainless steel at cab wheel openings
15. Fuel tank: 65 gallon with 4.5 gallon DEF tank
16. GVW: 42,000 pounds
17. High Idle switch in cab
18. Horn: Dual Chrome Grover Stutter Air Horns, control in cab. recessed in front bumper
19. Jake brake on instrument panel
20. Mirrors: Remote Control & Heated, West Coast Style, chrome finish
21. Mud Flaps, heavy duty; Front and Rear, behind tires (black)
22. Radio Antenna Mount
23. Siren
 - a. Electronic with PA function, with (2) 100 watt speakers recessed in front bumper
 - b. Federal electric Q2B Siren
24. Steering
 - a. Heavy Duty Power steering
 - b. Telescopic and Tilt steering wheel

25. Steps
 - a. Full size, two (2) step design
 - b. LED step lights
26. Tires
 - a. Front: Two (2) Goodyear® 315/80R22.50 radials
 - b. Rear: Four (4) Goodyear® 12R22.50 radials, 16 ply all season
 - c. Tire Pressure Management
27. Tow eye/hooks: Front-Two (2) mounted to chassis frame
28. Tow bar: Installed under tailboard at center of truck.
29. Transmission
 - a. Allison, 5th generation, Model EVS 3000P
 - b. Transmission shifter – 5 speed push button shift module
 - c. Transmission cooler
 - d. Downshift mode
30. Angle of approach and departure shall be a minimum of 18 degrees
31. Wheelbase: 180-190”
32. Vehicle Data Recorder
33. Windshield - Panoramic
34. Wheels, Aluminum
 - a. Front: Alcoa, 22.50" x 9.00", Aluminum
 - b. Rear: Alcoa-Accuride, 22.50" x 8.25", Aluminum

3.2.2 Cab Interior

1. Standard cab lighting, instruments, gauges, alarms, controls, diagnostic panel, cab LCD unless otherwise specified.
2. Air Conditioner/Heater/Defroster
3. Chargers/Ports: (2) 12V receptacles, (2) USB ports, (2) 110 V electrical outlet
4. Door Locks, manual
5. Flooring – Acoustical floor mat
6. Grab handles – Black rubber mounted on driver and officer’s side cab door
9. Lighting: Cab dome lights
 - Lighting, Compartment – one (1) white LED light strip.
10. Master Battery Switch within easy reach of driver
11. Rear Vision Camera system, LED/LCD, color with audio, dash mounted.
12. Rocker switch panel mounted within easy reach of the operator
13. Seating
 - a. Black vinyl upholstery
 - b. Capacity – Six (6)
 - c. Driver: Air Ride, high back style
 - d. Passenger: Standard seat with integrated SCBA restraint
 - i. Radio compartment under officer’s seat
 - e. Crew – Integrated SCBA restraint (all)

- i. Driver side, rear facing outboard seat
 - ii. Passenger side, rear facing
 - iii. Center, forward facing, two (2)
- 14. Surfaces painted grey, vinyl texture
- 15. Trim: Deluxe Cab
- 16. Visors – Two (2) smoked Lexan™ mounted above windshield
- 17. Windows
 - a. Manual
 - b. Tinted

3.3 **PUMP, PLUMBING, & TANK**

- A. Pump module independently mounted
- B. All plumbing stainless steel
- C. Waterous CSU, 1,500 gpm, Single stage, midship pump
- D. Left side mount pump controls
- E. Pump Module features
 - 1. Standard pump valves
 - 2. Grip activated T-handles
 - 3. All Akron Quarter Turn Valves
 - 4. Master Drain Valve
 - 5. Pump gauges
 - a. Two (2) Master Gauges (Suction & Pressure)
 - b. Color coded to match control handle labels
 - 6. Pump Cooler Line
 - 7. Auxiliary Engine Cooler Control
 - 8. Fire Research Pump Boss
 - 9. Priming pump: Trident Emergency Products
 - 10. Pump house light – LED, with light shield
 - 11. Tank to Pump Valve – 3”
 - 12. Tank Refill – 1.5 inch combination tank refill and pump recirculation line
 - 13. U. L Test Points (2)
 - 14. Air horn control button at Pump Operator’s Panel
 - 15. Inlets – Controls at Pump Operator’s Panel
 - a. National Standard Threads
 - b. Left side: 6” pump manifold, long handle bright finish cap
 - c. Right side: 6” pump manifold, long handle bright finish cap
 - d. Left side: One (1) 2.5” gated, pump operator’s panel with strainer, chrome swivel, and plug; 0.75 inch bleeder valve
 - e. Right side: One (1) 2.5” gated, pump panel, with strainer, chrome swivel, and plug, 0.75 inch bleeder valve
 - 16. Discharges – Controls at Pump Operator’s Panel

- a. Left side: Two (2) 2.5 inch, chrome plated, 45 degree elbow, rocker lug, cap with chain
- b. Right side: One (1) 2.5 inch, chrome plated, 45 degree elbow, rocker lug, cap with chain
- c. Right side: One (1) 4 inch, with 4 inch Akron valve. Actuated with a handwheel control. 4 inch x 5 inch Storz elbow adapter with Storz cap
- d. Front Bumper- Discharge shall be located on top of bumper with a 2” brass swivel with 1.5” connection.
- e. Hosebed, right side – 2.5 inch, front of hose bed
- f. Booster Hose Reel – 1.5 inch
- g. Deluge Riser
 - i. 3” water way
 - ii. Capped with removable deck gun flange
 - iii. Installed above pump

F. Hose Bed

- 1. Width will accommodate 1,000’ 5 inch, 800’ 3” and 200’ 2.5”.
- 2. As low as practical
- 3. Perforated removable flooring, aluminum
- 4. Two (2) adjustable hose bed dividers

G. Crosslays

- 1. 8 inches lower than standard
- 2. Located between cab and pump housing
- 3. Two (2) 1.75” horizontal crosslay hose bed
- 4. Each bed - 200 feet hose capacity
- 5. Perforated floor, removable
- 6. Preconnect with 2” brass swivel with 1.5” hose connection
- 7. Black vinyl end flap
- 8. Crosslay cover – hinged aluminum treadplate cover

H. Booster Reel

- 1. Electric with rewind switch
- 2. Installed over pump in recessed open compartment on left side
- 3. Stainless steel roller and guide assembly
- 4. Booster hose-200 feet, 1 inch, with booster hose nozzle

I. Tank

- 1. Mounting design defined in proposal
- 2. 750 gallon
- 3. Non-corrosive, stress relieved thermoplastic, UV stabilized
- 4. Fill tower and overflow pipe

J. Water Tank Level Gauges

- 1. One (1) Pressure transducer type with 180 degree readout LED gauge, visible from upper portion of the left hand side pump operator’s panel
- 2. One (1) Whelen “PSTANK” LED strip light type: Rearward of crew cab doors, each side

3.4 **BODY**

- A. Custom body
 - 1. Structure will be engineered to totally support the full length and width of the welded body.
 - 2. Metal used in fabrication will be defined in bid
 - 3. CNC machining with CAD drawings
 - 4. ALL exterior fasteners utilized for holding panels or tread plate will be stainless steel.
 - 5. Body mounted to allow for easy removal for major repair or disassembly.
 - 6. Proposal should include defined manufacturing and fastening method to frame for substructure and sub-frame.
- B. Fenderettes: Polished extruded aluminum over rear wheel openings
- C. Wheel wells: Lined to protect body from road debris damage.
- D. Rear tailboard
 - 1. 16” deep,
 - 2. Covered with a fitted aluminum diamond plate
 - 3. Aluminum “Grip Strut” insert
 - 4. Supported by structural steel sub frame
 - 5. Minimum ground clearance of 24” when fully loaded
- E. Rub Rails
 - 1. Bright aluminum
 - 2. Mounted lower edge of body, below compartment doors.
 - 3. Reflective inserts
- F. Running Board Steps
 - 1. Driver and passenger side
 - 2. Full length of pump enclosure
 - 3. Aluminum grating, with serrated top edge
 - 4. Recessed hose bed in each side
 - 5. Capacity to hold 20 feet of 5 inch soft suction hose
 - 6. Black rubber matting
- G. Handrails
 - 1. 1.25” diameter, anodized aluminum tube with integral ribbed surface. LED lights.
 - 2. Two (2) vertical mounted on rear edge of tailboard, one (1) each side.
 - 3. One (1) Driver side to access hose bed.
 - 4. One (1) horizontal mounted above the rear hose bed opening
- H. Steps
 - 1. LED lighted, folding steps
 - 2. Front, each fender compartment, Two (2) each side
 - 3. Rear, two (2)
 - 4. Below hosebed, one (1)

- I. Ladder Storage
 - 1. Electric/hydraulic ladder rack, right side of hose body.
 - 2. Capacity to hold: 1-24 ft. aluminum extension ladder, 1-14 ft aluminum roof ladder, and 1-10 ft folding ladder DuoSafety brand preferred.
- II. Pike Pole Storage-Manufacturer will propose location based upon configuration

3.5 COMPARTMENTS

- A. Compartment locations and dimensions are approximate. Bidder will submit a design that will be constructed to the largest practical dimensions to provide maximum storage.
- B. Solid hinged doors
- C. Drip protection above doors
- D. Sweep out design and drain holes for easy cleaning.
- E. Compartments will be lined with gray industrial, automotive coating. (for example, “Rhino-Liner” industrial coating)
- F. Double LED compartment light strips
 - 1. One (1) inside of each door track
 - 2. Centered vertically along the door framing
 - 3. Two (2) lights per compartment that activate automatically when door is opened.
- G. Unistrut shelf mounting tracks vertically installed inside of each compartment and will be full height of the compartment.
- H. Compartment shelves will be provided for all compartments. Department will determine location before placing order.
- I. Aluminum vents on the top rear wall of the compartment.
- J. Individual louvers to prevent water from entering
- K. Compartments – Manufacturer should maximize space in proposed truck design
 - 1. L1: Driver Side, ahead of Rear Wheels
 - 2. L2: Driver Side, over rear wheel
 - 3. L3: Driver Side, behind rear wheels
 - 4. R1: Passenger Side, ahead of Rear wheels
 - 5. R2: Passenger Side, over rear wheel
 - 6. R3: Passenger Side, behind rear wheels
 - 7. Wheel well Compartment
 - a. SCBA air cylinder – Two (2), triple passenger side.
 - b. Extinguisher storage: Two (2), double passenger side
 - c. Hinged door
 - d. Black rubber matting
 - 8. Rear of Truck Opening – Between side compartments
 - a. Depth and height will be dependent upon tank size.
 - b. Rear compartment will be separate.
 - c. 2nd compartment housing Akron cord reel

- L. Swing out Tool Board
 - 1. Location to be defined at pre-build conference
- M. Roll Out Trays
 - 1. Two (2) 500 # roll-out tray installed
 - 2. Location to be determined at pre-build
 - 3. 2" lip on all sides
 - 4. Mounted on ball bearing slides with positive lock to hold tray in the in or out position.
 - 5. Maximize compartment space.
 - 6. Fully extendable

3.6 ELECTRICAL & LIGHTING

A. Electrical

- 1. A complete electrical wiring diagram will be supplied with the apparatus.
- 2. All wiring and electrical equipment will meet NFPA 1901 (2016 edition) and SAE standards.
- 3. Heavy duty loom will be used for the entire length
- 4. Electrical panel will be easily accessible
- 5. Battery charger and air compressor system (Kussmaul Pump Plus 1200 Model #091)
- 6. Auto Eject Batter Charger Receptacle (Kussmaul 20 Super Auto Eject or EQUIVALENT)
- 7. Auto transfer switch
- 8. Siren
 - a. Electronic with PA function, with (2) 100 watt speakers recessed in front bumper
 - b. Federal electric Q2B siren pedestal mounted on top of front bumper
- 9. Electrical Power Control System
- 10. Solid state control system
- 11. On-board electrical system diagnostics
- 12. Voltage Monitor System
- 13. Pre-wired for radio installation
- 14. Electronic load manager
- 15. Honda Model EM5000 series gas powered portable generator with electric start from chassis battery with controls at pump panel

B. Lighting

- 1. All lighting and reflectors will meet Federal Motor Vehicle Standards.
- 2. Emergency Lighting package
 - a. NFPA Zone lighting
 - b. ALL Emergency lighting will be Whelen LED lighting
- 3. Light Bar
 - a. 72 inch Whelen Freedom IV, LED
- 4. Headlights
 - a. Four (4) rectangular LED
- 5. Directional lights

- a. Two (2) amber LED populated arrow directional lights on front of cab above headlights
- 6. Intermediate Light
 - a. Two (2) amber LED turn signal marker lights
 - b. One (1) each side, rear fender panel
 - c. Double as a turn signal and marker light
- 7. Cab Clearance/Marker/ID Lights
 - a. Three (3) amber LED identification lights, above windshield, center of cab
 - b. Two (2) amber LED clearance lights, above windshield, one (1) on each outboard side of cab
- 8. Front cab side directional/marker lights
 - a. Two (2), amber LED lights, front of cab door, one (1) each side
 - b. Will activate as marker lights
- 9. Rear clearance/marker/id lights
 - a. Three (3) red LED light bar used as identification lights, rear of apparatus
 - b. Two (2) red LED lights, rear of apparatus
 - c. Two (2) red LED lights, one each side of apparatus
 - d. Two (2) red reflectors on rear of truck, one each side, as far to outside as practical
 - e. Two (2) red reflectors on side of truck, one each side as far to rear as practical
- 10. Tail/brake/directional lights-Two (2) Whelen 600 series Tri-Cluster lights
- 11. License Plate light, LED
- 12. Pump house light with shield, LED
- 13. Ground illumination lights. 4" LED, clear. With outward facing angle brackets.
 - a. One under each cab door
 - b. Two under sides of body
 - c. Two installed to illuminate the rear tailboard area
 - d. Two under extended front bumper
 - e. Lights will activate with parking brake
- 14. Scene Lights – 12 V LED
 - a. Front of visor, centered, one (1)
- 15. Telescopic Scene Lights
 - a. Two (2), 12 volt, LED
 - b. Mounted one (1) each side front of the body.
 - c. Remote switch installed on the cab console and on the pump panel.
- 16. Walking surface light – 12V LED floodlight top of body
- 17. Crosslay light – LED
- 18. Deck lights –LED – Two (2) installed at rear of truck
- 19. Step Lights-LED, Two (2) each side

3.7 PAINT, STRIPING, & LETTERING

- A. NFPA 1901-2016, SECTION 15.9.3.2.1 Compliant **NO EXCEPTIONS**
- B. Reflective striping, lettering, and final paint color scheme will be defined during pre-build conference.
- C. Reflective Chevron Striping on rear
- D. Reflective gold leaf lettering

3.8 EQUIPMENT

- A. Equipment required by the NFPA 1901 Annex that is not specified in this document will be supplied by the fire department.
- B. All equipment will be mounted by the truck manufacturer/builder. The fire department will provide instructions for installation.
- C. Contractor will provide the following equipment:
 - 1. One bag of miscellaneous hardware will be supplied with the finished apparatus. This hardware will consist of nuts, bolts, screws, washers, etc. used in the manufacture of the apparatus.
 - 2. DOT highway safety kit (includes 3 collapsible reflective safety triangles)
 - 3. Wheel chocks and bracket.
 - 4. One (1) 10 ft folding aluminum attic ladder
 - 5. One (1) 14 ft aluminum roof ladder
 - 6. One (1) 24 ft 2 section extension ladder
 - 7. One (1) 6 ft Pike pole
 - 8. One (1) 8 ft Pike pole
 - 9. One (1) Honda Model EM5000 series gas powered portable generator with electric start
 - 10. One (1) Akron cord reel with 12V electric rewind switch located in compartment to be determined during pre-build.
 - 11. Four (4) Streamlight, Fire Vulcan180 handlights with 12VDC direct wire charging rack. Compartment location determined during pre-build.

4.0 WARRANTIES

- 4.1 Written warranty details and certificates (where available) will be submitted with bid package.
- 4.2 **Contractor will provide proof of a warranty service center with mobile apparatus repair capability that can respond to service needs.**

5.0 ADMINISTRATION

- 5.1 The project will be administered by Fire Chief Perez being the main point of contact for any questions pertaining to the RFP procedures during the bid period. The Fire Chief will be the main point of contact once the bid is awarded.

6.0 PROCEDURES & MISC. ITEMS

- 6.1 The project will be administered by the Fire Chief.
- 6.2 All materials submitted in connection with this RFP will be public documents and subject to the Open Records Act and all other laws of the State of California, the United States of America and the open records policies of the WFPD. All such materials shall remain the property of the WFPD and will not be returned to the respondent.

- 6.3 All respondents to this RFP shall hold harmless the WFPD and any of their officers and employees from all suits and claims alleged to be a result of this RFP. The issuance of this RFP constitutes only an invitation to present a proposal. The WFPD reserves the right to determine, at its sole discretion, whether any aspect of a respondent's submittal meets the criteria in this RFP. The WFPD also reserves the right to seek clarifications, to negotiate with

any vendor submitting a response, to reject any or all responses with or without cause, and to modify the procurement process and schedule. In the event that this RFP is withdrawn or the project canceled for any reason, the WFPD shall have no liability to any respondent for any costs or expenses incurred in connection with this RFP or otherwise.

- 6.4 Failure to submit all the mandatory forms from this RFP package shall be just cause for the rejection of the qualification package. However, the WFPD reserves the right to decide, on a case by case basis, in its sole discretion, whether or not to reject such a bid as non-responsive.
- 6.5 Any payment terms requiring payment in less than 30 days will be regarded as requiring payment 30 days after invoice or delivery, whichever occurs last.
- 6.6 In case of failure to deliver goods in accordance with the contact terms and conditions, The WFPD after due oral or written notice, may procure substitute goods or services from other sources and hold the contractor responsible for any resulting additional purchasing and administrative costs. This remedy shall be in addition to any other remedies which the WFPD may have.
- 6.7 By submitting a qualification package, the vendor is certifying that they are not currently debarred from bidding on contracts by any agency of the State of California, nor are they an agent of any person or entity that is currently debarred from submitting bids on contracts by any agency of the State of California.

6.8 It is understood and agreed between the parties herein that the WFPD shall be bound hereunder only to the extent of the funds available or which may hereafter become available for purpose of this agreement.

- 6.9 It is anticipated that the vendor may be required to make one or more appearances at a WFPD board meeting. meeting to answer questions and present results. The documentation provided in this request for proposal is intended to provide a common methodology of development and basic technical skills for proposal purposes.

7.0 FINAL SELECTION

7.0 Following review of all qualified Proposals, selection of a suitable vendor, and preliminary contract negotiations, a recommendation will be made to the WFPD by the project representative. Following approval, the District will complete contract negotiations.

7.1 The WFPD reserves the right to accept the response that is determined to be in the best interest of the District. The District reserves the right to reject any or all bids, to waive technicalities, and to make an award deemed in its best interest.

7.2 Evaluation Method

7.2.1 The District will evaluate all proposals deemed responsive to this request by a committee selected by the WFPD. The initial evaluation will consider only the qualifications and demonstrated experience of each respondent. Discussions and negotiations may take place with the short-list vendors to ensure clarification and to obtain a best and final offer. The award will be based upon the proposal that is determined to be the most advantageous to the District with pricing only being part of the decision.

8.0 EVALUATION

- 8.1 The District will evaluate proposals based on a predetermined criteria to determine the features and benefits that are most beneficial to the department's operations.
- 8.2 The only bid proposals considered must be from companies that have an established reputation in the field of fire apparatus construction.
- 8.3 The District reserves the right to contact Bidder for clarifications during bid evaluations and to reject any and all bids with or without cause.
- 8.4 The District will determine which, if any, exceptions are acceptable and this determination will be final.
- 8.5 Contractor will include a list of any and all exceptions, detailed on a separate page. It will readily available for use in the bid evaluation.
- 8.6 Each exception will be considered by the degree of impact and total effect on the bid.
 - 8.6.1 **Failure to explain bid exceptions will result in disqualification of the bid.**
- 8.7 Contractor will supply five (5) references of Purchasers in the state and within driving distance (where possible) that have similar type apparatus. Provide Name, Address, Date of Delivery, Email, and Telephone on a separate page.

SECTION III – SET TERMS

9.0 DELIVERY TERMS

- 9.1 Terms for delivery of apparatus must be clearly stated on the bid proposal form.
- 9.2 **The Final Contract MUST include a specific date of delivery.**
- 9.3 The Purchaser may elect to award the contract based on delivery as well as price and conformance with the specifications.
- 9.4 Should the Contractor be unable to comply with the proposed delivery date, the purchasing director will be notified immediately with the reasons for non-compliance.
- 9.5 Proposals submitted will include prepaid delivery. The vehicle will be delivered under its own power. Rail or freight shipment will not be acceptable. A factory trained representative will deliver the unit (NO EXCEPTION).
- 9.6 Payment will not be made until Purchaser inspects the apparatus and is determined to be "Operational and Functional" as defined by NFPA and a transfer of title is provided to the Purchaser.

10.0 GENERAL CONSTRUCTION AND WORKMANSHIP

- 4.3 The complete apparatus, assemblies, subassemblies, component parts, etc. will be designed and constructed, and the equipment so mounted, to the general character of the service to which the apparatus is to be subjected when placed in service and with due consideration to distribution of the load between the front and rear axles, that all specified equipment, including a full complement of specified ground ladders, full water tank, loose equipment, and firefighters; will be carried without overloading or injuring the apparatus as per requirements defined in NFPA 1901-2016.
- 4.4 All parts of the apparatus will be strong enough to withstand the general service under full load. The apparatus will be designed so that the various parts are readily accessible for maintenance, inspection, adjustment and repair.
- 4.5 The design of the apparatus will embody the latest approved automotive engineering practices, experimental designs and methods will not be acceptable.
- 4.6 The workmanship will be of the highest quality in its respective field.
- 4.7 Special consideration is given to the following points: accessibility of the various units that require periodic maintenance and ease of operation (including both pumping and driving).
- 4.8 Construction will be rugged and engineered to safely carry loads as specified.

11.0 PRE-CONSTRUCTION CONFERENCE

- 11.1 A pre-construction conference will be held prior to signing of a contract and the actual construction of the apparatus.
- 11.2 The conference will be held with representatives of the Fire Department and appropriate representatives of the Contractor.
- 11.3 The conference will be held at the location most convenient for the fire department.
- 11.4 At the pre-construction conference, the Contractor will review in detail with the Fire Department the specifications of the unit as it is to be built.
- 11.5 Specific component locations will be determined and all pertinent information will be noted for future reference.
- 11.6 Details gathered at the pre-construction conference will be utilized in formulating construction drawings.
- 11.7 The formal contract will be signed upon final approval of drawings and detailed specifications.
- 11.8 Bidder will be responsible for any travel expenses if Fire Department representatives are required to travel to manufacturing facility.

12.0 TRAINING

- 12.1 The successful Contractor will provide a minimum four (4) hour structured training course to operate the apparatus, covering nomenclature of components, proper operation of the apparatus, daily operational maintenance checks, and other information necessary for a firefighter/driver/engineer to properly operate and maintain the apparatus.
- 12.2 The firefighter/operator training will be conducted within one week after the vehicle is fully accepted and readied for service by the District or at a time mutually agreed upon by the District and the Contractor.

BID PROPOSAL FORM
WOODALKE FIRE PROTECTION DISTRICT

Bidder Company Name			
Address			
City, State, ZIP Code			
Phone Number		Fax Number	

Having examined the specifications for the Fire Engine, the Contractor submits a TOTAL BID of _____ Dollars and _____ CENTS (\$_____).

For the following apparatus:

Chassis Make/Model/Year	
Truck Body Manufacturer	
Pump size (manufacturer)	
Tank Capacity (manufacturer)	
GVW (at ground)	

Contractor certifies that this bid will be good and may not be withdrawn for a period of sixty (60) calendar days following the date of the bid opening.

Total Price and terms of delivery of apparatus must be clearly stated on the bid form.

The apparatus must be delivered within _____ days. A late penalty of \$100 per day will be assessed for each calendar day beyond the contracted delivery date.

Contractor understands that the Purchaser may reject any and all bids.

Submitted by: _____
 Company Official Print Name

Title

Signature



Required Forms for Submission

NON-COLLUSION AFFIDAVIT

The following affidavit is to accompany the proposal:

STATE OF _____

COUNTY OF _____

Owner, Partner or Officer of Firm

Company Name, Address, City and State

being of lawful age, being first duly sworn, on oath says that he/she is the agent authorized by the bidder to submit the attached proposal. Affiant further states as bidder, that they have not been a party to any collusion among bidders in restraint of competition by agreement to proposal at a fixed price or to refrain from bidding. Affiant also states as bidder, that they have not been a party to any collusion with any officer of the WFPD or any of their employees as to quantity, quality or price in the prospective contract; and that discussions have not taken place between bidders and any office of the WFPD or any of their employees concerning exchange of money or other things of value for special consideration in submitting a sealed proposal for:

Firm Name

Signature

Title

Subscribed and sworn to before me this _____ day of _____, 20____.

Notary Public



EXECUTION OF PROPOSAL

DATE: _____

The potential contractor certifies the following by placing an "X" in all blank spaces:

- ___ That this proposal was signed by an authorized representative of the company.
- ___ That the potential Contractor has determined the cost and availability of all materials and supplies associated with performing the services outlined herein.
- ___ That all labor costs associated with this project have been determined, including all direct and indirect costs.
- ___ That the potential Contractor agrees to the conditions as set forth in this Request for Proposal with no exceptions.

Therefore, in compliance with the foregoing **Request for Qualifications**, and subject to all terms and conditions thereof, the undersigned offers and agrees, if this proposal is accepted within sixty (60) days from the date of the opening, to furnish the services for the prices quoted within the timeframe required.

Business Contact Representative

Operational Contact Representative

Vendor's Name Federal ID #

Address

Phone Fax

Email

Authorized Signature Date

Typed Name & Title



ADDENDA ACKNOWLEDGEMENT

The vendor has examined and carefully studied the Request for Proposals and the following Addenda, receipt of all of which is hereby acknowledged:

Addendum No. _____

Addendum No _____

Addendum No. _____

Addendum No. _____

Authorized Representative/Title
(Print or Type)

Authorized Representative
(Signature)

(Date)

Vendors must acknowledge any issued addenda. Proposals which fail to acknowledge the vendor's receipt of any addendum will result in the rejection of the offer if the addendum contained information which substantively changes the Owner's requirements.