

Town of Mansfield, Connecticut

Request for Proposal

Triple Combination Pumper

Owner:

Town of Mansfield
4 South Eagleville Road
Mansfield, CT 06268

Contact:

David J. Dagon, Fire Chief
(860) 429-3323

Date: July 12, 2013

**Request for Proposal
Triple Combination Pumper**

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I. **REQUEST FOR PROPOSAL**

Triple Combination Pumper
for
Mansfield Fire Department
4 South Eagleville Road
Mansfield Storrs, CT 06268

Sealed proposals for a Triple Combination Pumper will be received by the Fire Chief no later than:

Wednesday, August 28, 2013 at 2:00 p.m.

The Town reserves the right to reject any and all proposals or to waive any defect, irregularities or informalities in the proposals, or to negotiate any changes that the Town believes to be in its best interests.

II. GENERAL REQUIREMENTS

1. SCOPE OF WORK

- A. In general, the scope of work covered by this “Request for Proposal” (RFP) is outlined in Section III, “Technical Requirements”.
- B. This RFP is a competitive procurement instrument used to obtain goods and services, which best serves, the interest of the Owner. Whereas price is generally the determining factor in the award of a contract using the competitive bidding format, price may or may not be the determining factor for the award of the contract using this format.

The award of a contract will be made to the respondent whose proposal is determined to be the most advantageous to the Owner based on the specific criteria outlined in Article 3 of this Section.

The respondent shall not assume an opportunity will exist to add and/or negotiate such matters or changes to its proposal after a proposal has been submitted, unless requested to do so by the Town.

2. FORMAT OF PROPOSAL

- A. All responses to this RFP must conform to the specific instructions in this RFP. Failure to conform may be considered appropriate cause for rejection of responses.
- B. Proposals submitted in response to this RFP must be in sealed envelopes upon which a clear indication has been made of the RFP reference title, as well as the date and time the proposal is due. The name and address of respondent must appear on the envelopes. Submit two copies to the Owner at the location and by the date and time indicated in Section I “Request for Proposal”.
- C. To allow the Owner to evaluate the respondent’s proposal the respondent shall submit the following documentation:
 - 1. Specifications of proposed Fire Apparatus
 - 2. Schematic drawings depicting proposed Fire Apparatus
 - 3. Written description of the proposed Fire Apparatus
 - 4. Warranties included in proposal
 - 5. Sales brochures or other material that may help the Owner evaluate the proposal
- D. To allow the Owner to evaluate the respondent’s background and professional expertise and to determine if the respondent’s proposed approach will satisfy the Owner’s needs, the respondents shall submit the following:
 - 1. Description of any exceptions taken to this RFP.

2. Respondent may be asked to provide latest Dunn and Bradstreet Report.
 3. A "Price Summary Form" which breaks down the various cost elements (Attachment I).
 4. All requirements, terms or conditions the respondent may have and is expecting to be included in the contract.
 5. Certification that the Fire Apparatus manufacturer has been in business five (5) years, and delivered at least three (3) Triple Combination Pumpers within 150 miles of the Town within the last five (5) years, one (1) of which must have been delivered in Connecticut.
 6. List of all Fire Apparatus built and delivered by the respondent in Connecticut within the last five (5) years. Include Department or Agency accepting delivery for each Fire Apparatus.
 7. Certification that the proposal shall remain valid and not be withdrawn for a period of 90 days after the due date.
 8. Any collateral sales, marketing or technical information that would allow the Owner to evaluate the respondent's ability to satisfy the Owner's needs.
 9. The respondent's proposal should include a cover letter identifying the individual(s) having authority to negotiate and contractually bind the respondent. The cover letter shall also include the name of the person to be contacted both during the period of evaluation of proposals and for prompt contract administration upon award of the contract. This information is to include name, title, address, email address (if available), fax and telephone numbers.
- E. Respondents may be provided an opportunity to present and explain the benefits of their proposal to Fire Department Personnel.
- F. Questions regarding this RFP shall be submitted no later than ten (10) days before proposals are due. Please send all questions in written form via fax or email to:
- To ensure that all potential respondents have the same information, all questions submitted in writing will be answered via fax or email no later than five (5) days before the proposals are due. All potential respondents who have obtained copies of this RFP and forwarded their email address and/or fax number will receive answers to questions submitted in writing. Verbal responses by the Owner to verbal or written inquiries will not be binding.
- G. To ensure that all potential respondents receive the same information, in a timely manner, please send an email to DagonDJ@mansfieldct.org and in the body of the email include your contact information.

3. CRITERIA FOR EVALUATING PROPOSALS

Award of Proposal. The Director of Finance shall award the contract to the vendor who offers the best value to the Town. Best value shall be determined by consideration of some or all of the following factors as deemed appropriate by the Director of Finance.

- A. The quality, availability, adaptability, and efficiency of the use of the product to the particular use required;
- B. The degree to which the product meets the specified needs of the Town, including consideration, when appropriate, of the compatibility with and ease of integration with existing products, services, or systems;
- C. The number, scope, and significance of conditions or exceptions attached or contained in the proposal and the terms of warranties, guarantees, return policies, and insurance provisions;
- D. Whether the vendor can supply the product promptly, without delay or additional conditions;
- E. The total competitiveness and reasonableness of the total cost or price, including consideration of the anticipated operational costs that are incurred if accepted;
- F. Whether or not the vendor can supply the product at the price offered;
- G. The ability, capacity, experience, skill, and judgment of the vendor to perform the contract;
- H. The reputation, character and integrity of the vendor;
- I. The quality of performance on previous contracts or services to the Town, other Towns, or other entities.
- J. The previous and existing compliance by the vendor with laws and ordinances or previous performance relating to the contract or service, or on other contracts with the Town or other entities;
- K. The sufficiency, stability, and future solvency of the financial resources of the vendor;
- L. The ability of the vendor to provide future maintenance and service for the use of product or service subject to the proposal.

4. GENERAL PROVISIONS

- A. Compliance with Federal and State Laws - The respondent(s) shall be required to comply with all applicable Federal and State laws, rules, and regulations, and will not discriminate or permit discrimination against any person or group of persons on the grounds of sex, race, color, age, or national origin in any manner prohibited by law.

- B. Disqualification of Proposals - Any or all proposals in which such respondent is interested will be rejected if there is reason for believing that collusion exists among the respondents; and all participants in such collusion will not be considered in future proposals for the same work. Proposals in which the prices are obviously unbalanced may be rejected. No contract will be awarded except to competent respondent capable of performing the class of work contemplated.
- C. Inclusion of Taxes in Prices - The Owner is exempt from payment of excise, transportation, and sales taxes imposed by the Federal Government and/or the State. Such taxes must not be included in prices. If requested, the Owner will furnish the successful Bidder with sales tax exemption authorization.
- D. Signatures - The proposal must be signed by an authorized official of the respondent.
- E. Authority to Obligate the Owner - No cost chargeable to the proposed contract(s) may be incurred before receipt of either a fully executed contract or specific written authorization from the Owner.
- F. Approval Drawings: Engineering drawings of the fire apparatus must be submitted within 60 days of the award of contract. The Town will make every reasonable effort to correct the drawings before authorizing construction. Where conflicts occur, the RFP and the respondent's written proposal shall prevail over the engineering drawings.
- G. Change Orders: After the contract is executed, changes to the RFP, respondents proposal, or approved engineering drawings shall be made with a written change order, which identifies the scope of the change, the cost of the change, and is authorized by the Town.
- H. Delivery - Inasmuch as this work includes a needed public service, the provisions of this RFP relating to the time of delivery, performance and completion of the work are of the essence. Accordingly, the successful respondent shall commence work upon receipt of the signed Notice to Proceed unless the Owner shall authorize or direct a further delay.

5. PROJECT SCHEDULE

- A. Submission of proposals: **Wednesday, August 28, 2013 at 2:00p.m.**
- B. Selection of firm and "Notice of Award": **Friday, October 18, 2013**

6. PRICE SUMMARY, ALTERNATIVES, AND WARRANTTEE FORMS

Respondent shall complete a separate Price Summary Form (Attachment I), Alternatives (Attachment II), and Warranty Form (Attachment III) for each proposal.

III. TECHNICAL REQUIREMENTS

1. GENERAL

1.1. It is the intent of this proposal to provide the Town with a class “A” 1500 GPM single stage Triple Combination Pumper, mounted on a “custom” tilt cab chassis with a water carrying capacity of 1000 gallons, utilizing modern design to ensure ease of operation and provide for firefighter safety.

1.2. The completed apparatus, including the cab, body and chassis shall be constructed/assembled by the respondent and warranted by the respondent. Individual components such as: engine; transmission; pump; axles; lighting; or tanks may be provided by other manufactures, however, the respondent shall be responsible for the coordination of warranties and resolving any conflicts.

1.3. The apparatus shall be designed and constructed using accepted engineering, design, and construction methods, with due consideration of the loads to be sustained, and the distribution of the loads. Frame, suspension, drive line, and all other parts of the vehicle shall be strong enough to withstand the road speed, and general service under full load. The vehicle shall be designed so that parts or components requiring service or maintenance are readily accessible for inspection, adjustment, or repair.

1.4. The manufacturer shall use aluminum where ever it is possible in construction of the cab and body of the vehicle (3/16” is desired). The manufacturer should select the manufacturing methods that will provide for a 25-year service life, taking into consideration the lowest anticipated operational and maintenance costs (e.g. may use formed or extruded components). Manufactures may submit alternative proposals utilizing stainless steel keeping in mind that the Town is looking for a 25-year service life with minimal operational and maintenance costs. All areas of the vehicle shall be protected by barriers, backers, “nutserts”, butyl, etc, in order to protect against dissimilar metals/finishes and the like. When submitting alternative proposals, please complete separate price summary, alternatives and warranty forms for each alternative proposal.

1.5. The manufacturer shall be ISO 9001 certified, and shall be solely responsible for the design, construction and performance of the apparatus and all supplied equipment. Manufacturer shall provide written documentation that the completed vehicle meets or exceeds the requirements contained in the National Fire Protection Association 1901 Standard for Automotive Fire Apparatus 2009 edition and any current NFPA Standard that may apply to apparatus components or equipment. Written documentation shall be provided that the completed vehicle complies with all federal, state, ICC, and DOT regulations for commercial vehicles as well as fire apparatus.

1.5.1. It is the Town’s intention to comply with all applicable NFPA Standards and governmental regulations. If there are any conflicts between this proposal and the applicable NFPA Standards or governmental regulations, the respondent should notify the Town of the conflict.

1.6. This RFP does not attempt to repeat requirements contained in applicable NFPA standards. Items are called out to establish the Town’s intent, provide clarification,

and provide guidance to respondents. Where this RFP is silent the respondent should use their best design judgment and comply with the applicable NFPA standards.

1.7. If the respondent believes that an inspection trip or trips by representatives of the Town is in their best interests, the respondent should include the costs for these trips in their proposal.

1.7.1. If inspection trips are included in the proposal they shall be made by three fire department staff members and include: transportation, lodging, meals, and be conducted Monday through Friday during business hours.

1.8. Specifications and schematic drawings of the proposed vehicle shall be submitted with this proposal. (Please note dimensions and propose as requested)

1.9. Vehicle Size

1.9.1. Maximum vehicle length 33 feet (measured at the front and rearmost projection). Shorter is highly desired.

1.9.2. Maximum vehicle width 9.3 feet (measured at the outside of the mirrors)

1.9.3. Maximum vehicle height 9.5 feet (measured at the highest projection)

1.9.4. Minimum front axle GVW rating of 22,500lbs.

1.9.5. Minimum rear axle GVW rating of 30,000lbs.

1.10. Vehicle Roadability

1.10.1. Maximum Turning Radius 35 feet measured at the body (a tighter turning radius is preferred)

1.10.2. Maximum attainable Road Speed 58 mph

1.10.3. The vehicle is to operate in the following ambient air temperatures: Minimum of -20 degrees F. and Maximum of 110 degrees F.

1.11. Hose Thread Size Information:

1.11.1. All hose thread shall be National Hose Thread (NH) as defined in NFPA 1963 with the following exception.

1.11.1.1. Four inch pump outlet connections shall be provided with a 5-inch Storz type adapter.

1.12. Suction Hose

1.12.1. Hard Suction Hose. Two (2) lengths of six inch clear PVC hard suction shall be provided with NH thread (long handle female, rocker lug male, and light weight fittings). Lengths shall be determined upon maximum storage allowed in compartment designed for the storage of the Hard Suction Hose.

1.12.2. A compartment shall be constructed above the drivers' side rescue compartments with a hinged door to the rear for storage of the hard suction. See compartment section.

1.13. Ladders/Tools

1.13.1. Ground ladder, closet ladder, and roof ladder are to be mounted on the curbside of the apparatus, on a single arm type movable ladder rack.

1.13.2. The following ladders shall be provided.

1.13.2.1. One 35 foot, Duo-Safety 1225-A or equivalent, aluminum three section ladder

1.13.2.2. One 16 foot, Duo-Safety 875-A or equivalent, aluminum roof ladder

1.13.2.3. One 10 foot, Duo-Safety 585-A or equivalent, aluminum folding attic ladder

1.13.3. The following “Truck mans” hook shall be provided.

1.13.3.1. Two (2) 5 foot New York roof hooks (steel shaft)

2. CHASSIS

2.1. The cab and chassis shall be designed and manufactured specifically for the fire service.

2.1.1. Closed recovery hooks shall be provided at the front and rear of vehicle. The “tow” hooks shall be accessible without opening access panels or compartments and have the ability to be used for rescue tie off.

2.2. Drive line

2.2.1. Engine: 500hp Diesel (Option for 450hp may be provided)

2.2.1.1. Electric fuel priming system shall be provided.

2.2.1.2. Dual fuel filters with check valves and fuel water separator.

2.2.1.3. Exhaust to exit from curbside of vehicle in front of rear wheels.

2.2.1.4. Jacobs or equivalent engine brake shall be provided.

2.2.1.5. Locking rear differential operated by a secure momentary switch near the driver only.

2.2.2. Transmission: Allison Automatic 5 speed (best matched model to weight and power plant). “T” handle operation desired.

2.2.3. Automatic Traction Control (ATC) to be provided.

2.2.4. Automatic tire chains to be provided.

2.2.5. Front tires: Michelin tires XZY3 385/5/R22.5 or equivalent.

2.2.6. Rear tires: Michelin Mud and Snow aggressive tread (all season) to work in conjunction with tire chains and best match to front tires.

2.2.7. Body shall be built so that fender clearance from rear tires will allow for manual application of quick fit roller type tire chains if necessary.

2.2.8. Mud flaps, with an 8 inch ground clearance are to be provided for the front and rear wheels.

2.2.9. Air Brake System with Anti lock (ABS) shall be provided: The braking system shall be designed to provide as short of a stopping distance as possible.

2.2.9.1. One air inlet to be located below the drivers seat (male “M” style connector to be supplied), near the latch side of the door. This inlet is to be used to maintain system pressure, and is supplied from the station compressor.

2.2.10. A hydraulic PTO generator shall be supplied and installed in the dunnage area and will be supplying both of the electrical reels and HURST SIMO pump. Controls & circuit breakers shall be in the front street side compartment. It is the responsibility of the respondent to engineer the proper sized system for finished truck.

2.2.11. One (1) electric HURST SIMO pump shall be supplied and installed in the dunnage area and be connected to the front bumper reel and the rear compartment reel. It is the departments desire that it be operated by a remote switch and control unit to be located in the front street side compartment.

2.3. CHASSIS CAB

2.3.1. Extended Front Bumper

2.3.1.1 Bumper constructed of heavy duty steel not to exceed 24” beyond the fascia (shorter is desired) which shall contain a drainable trough (box) for storing a minimum of 100’ of 1 ¾” pre-connected hose (foam/trash line) will be supplied. A raised, full width, latching aluminum cover with rugged hold open device(s), as well as heavy duty latching device(s) shall be installed. One (1) 1-½” male NH chrome swivel goose neck connected to 2” SS plumbing back to the pump w/ drain shall be utilized. One (1) polished low profile electric reel to contain 100’ of green colored Hurst pre-connected hydraulic hose with single twist quick connector shall be supplied and sheltered within the covered trough (box). There shall also be a 2” receiver in bumper for a (customer supplied) Ramsey 9000lb electric winch with quick connect electrical junction installed. Storage of the winch within bumper is desired. Bumper should be designed to allow for the highest possible approach angle. Forward top edge shall be protected with black Line-X type product.

2.3.2. A vented radio compartment shall be provided under the officer’s seat to house customer supplied equipment.

2.3.3. Seating Capacity

2.3.3.1. Seating for five (5) firefighters shall be provided. Driver and Officer in front seats, three firefighters (forward facing) in crew area of cab. (See customer concept drawing)

2.3.4 Rear outside wall of cab shall be coated with Black Line-X type product.

2.3.5 Fascia should be of a “Classic” styling with American Flag scheme grille if available from manufacturer.

2.3.6 Two tone paint scheme shall be white over red (customer supplied paint codes).

2.4. Low Voltage Electrical

2.4.1. A battery conditioner shall be provided, with the receptacle located below the driver's seat near the latch side of the door (20amp) for shoreline connection.

2.4.1.1. The conditioner shall have sufficient capacity to provide current for charging and maintaining the batteries, and the following portable equipment: portable radios (6); four gas meter (1); thermal imaging camera (1); and portable hand lights (6) as well as plans for future additional items. On board 12V refrigerator shall also be considered for shoreline if applicable.

2.4.2. Exterior lights, warning lights and sirens.

2.4.2.1. General. All exterior automotive lighting and warning lighting should be manufactured by Whelen where feasible and all lighting shall be LED style. Chrome cluster bezels shall be used where appropriate.

2.4.2.2. Work lighting shall comply with NFPA 1901. Additional work lighting shall be provided around the entire perimeter of the vehicle as noted and be LED

2.4.2.3. Two (2) sirens shall be provided. Federal Q2 (with brake), or equivalent recessed in the front grill and Whelen Electronic w/ dual function and Howler option. Include min one (1) 200-watt speaker mounted in the grill.

2.4.2.4. Two (2) Grover "stutter tone" chrome air horns shall be provided and mounted (recessed) in the front bumper (one each side).

2.4.2.5. Cab doors shall be "barrier" style (short) for clearing guard rails when opened.

2.4.2.6. Front Brow Lights

2.4.2.6.1. There shall be two (2) Whelen Pioneer Plus Super LED model PFP2 dual flood brow light 12v installed in the brow. A switch should be installed in the cab both in the drivers console and the Officers console as well as at the pump operator's panel.

2.4.2.7. Cab Side Scene Lights

2.4.2.7.1. There shall be one (1) on each side of the cab located between the front and crew doors mounted near the roof. Whelen Pioneer Plus Super LED model PFP2 dual flood 12v. A switch should be installed in the cab both in the drivers console and the Officers console as well as at the pump panel. These lights should also operate when either side door is opened.

2.4.2.8. Back Up Lights

2.4.2.8.1. There shall be one (1) on each side of the rear associated with the DOT lighting. Whelen 600 series LED 4"x6". These shall operate when the vehicle is in reverse only.

2.4.2.9. Cab and Chassis Ground Lights

2.4.2.9.1. One (1) ground light shall be installed under each door of the

cab. LED clear with polycarbonate lens. These should operate when associated door is opened.

2.4.2.9.2. One (1) ground light shall be installed under each side of the pump panel and under each cabinet along the side of the body, two (2) under the front bumper at corners, and two (2) under the rear bumper in line with steps. All LED clear with polycarbonate lens. These should also automatically operate when parking brake is applied. There shall be an on/off switch for maintenance purposes.

2.4.2.10. Rear Facing Scene Lights

2.4.2.10.1. Two (2) Rear scene lights shall be installed as high on the rear of the body as possible (one each side). Whelen Pioneer Plus Super LED model PFP2 dual flood 12v. Switches should be installed in the cab area at both the drivers console and the Officers console. An additional switch shall be located at the pump panel. These lights shall also operate when the truck is placed in reverse.

2.4.2.11. Street Side and Curb Side Scene Lights

2.4.2.11.1. One (1) Side scene light shall be located on each side and shall be installed in the center of the body as high as possible. Whelen Pioneer Plus Super LED model PFP2 dual flood 12v. Switch should be installed in the cab area at both the drivers console and the Officers console. An additional switch shall be located at the pump panel. These lights shall also operate when the truck is placed in reverse.

2.4.2.12. Emergency Lighting

2.4.2.12.1. One (1) Whelen Edge Ultra Freedom full cab width light bar, model FN72QLED shall be installed on top of the apparatus cab towards the front above the windshield. The light bar shall feature two (2) front corner RED LINEAR LED light heads, four (4) front LINEAR LED light heads two (2) red and two (2) white, two (2) end LINEAR LED RED light heads with square ends.

2.4.2.12.2. There shall be two (2) Whelen intersection LED lights on the front bumper both RED/WHITE in color, one (1) on each side of the bumper

2.4.2.12.3. Flashing head light controller (wig wag) shall be installed.

2.4.2.12.4. There shall be one (1) LED light above each headlight, one red and one white. There shall be a chrome bezel around the warning lights and headlights.

2.4.2.12.5. There shall be one (1) on each side of the cab in the forward section of the raised roof, Whelen model 600 SPLIT RED/WHITE SUPER LED 4"x6" in size and have a chrome bezel around each one.

2.4.2.12.6. There shall be one (1) on each side above the rear wheel wells Whelen LED RED/WHITE. A chrome bezel shall be utilized.

2.4.2.12.7. There shall be two (2) on each side of the body, one white towards the cab and one red towards the rear Whelen 600 SUPER LED SPLIT mounted towards the top of the body. There shall be a chrome bezel around each one.

2.4.2.12.8. There shall be a total of four (4) Whelen model 900 SUPER LED SPLIT installed on the rear of the apparatus. These shall be installed in such a manner that two (2) of them are on each side of the rear of apparatus below the scene lighting. Each shall be RED/AMBER. Two shall split top/bottom flash pattern and two shall split side/side flash pattern. There shall be a chrome bezel around each one.

NOTE: ALL emergency lighting shall have clear lens and colored LED element.

3. DRIVING AND CREW AREAS

3.1. Seating Area Details

3.1.1. Driver and Officer seating in the front of the cab. Drivers' seat shall be a Bostrom SecureALL air-ride high-back SCBA seat, or equivalent. Officers' seat shall be a Bostrom SecureALL SCBA seat, or equivalent

3.1.2. Three (3) forward facing Firefighter seats shall be at the rear of the interior of cab, with a 10" or 12" raised roof over the crew area. Each seat shall be a Bostrom SecureALL fold-up bottom style SCBA seat, or equivalent. A full width (transverse) storage compartment shall be constructed under these seats as a base. Seats should be set as far apart as possible for most usable shoulder room.

3.1.2.1. Traffic view windows shall be located in the rear wall of the cab, one (1) each side, to provide the crew with visibility of roadway when exiting cab into traffic.

3.1.2.2. There shall be cup holders provided for each riding position.

3.2. Driver compartment and controls

3.2.1. A tilt and telescoping steering wheel shall be provided with horn button wired to the electronic siren when emergency master is on.

3.2.2. Heated remote control west coast style mirrors shall be provided with lower convex mirrors as one single unit within the housing.

3.2.3. A compartment designed to contain the following shall be provided on the officer's side: run book; map book; keys; and clip board, two (2) boxes of EMS gloves and shall be mounted to top of dog house above the raised platform *REF 3.5.4*

3.2.4. The entire interior of the cab shall be constructed as "extreme duty" design with rugged materials, black color scheme.

3.2.5. Vehicle shall have power windows, all operable from the driver's position.

3.2.6. Interior Cab Lighting

3.2.6.1. There shall be one (1) LED light fixture installed over the driver's seat and one (1) over the Officers seat. Each shall be split red/white and operated by either door opening or manual operation via an integrated switch.

3.2.6.2. Three (3) LED light fixtures shall be installed in the rear of cab in crew area, one (1) above each step well and one (1) in the center above the crew seats. Each shall be split red/white and operated by either door opening or manual operation via an integrated switch operable from seated position.

3.3. Heating, Ventilation, and Air Conditioning

3.3.1. A HVAC system shall be provided that is capable of heating the cab to 75 degrees F with an ambient temperature of 0 degrees F with 50 % relative humidity, and cooling the cab to 70 degrees F with an ambient temperature of 100 F with 80% relative humidity. Adequate powerful defrost vents shall be provided.

3.4. Portable Equipment in Cab

3.4.1. Five (5) Vulcan LED Litebox hand lights shall be provided and mounted in chargers within cab at each riding position.

3.5. In/Out Cab Compartments

3.5.1. Two compartments will be constructed to have access from both the interior and exterior of the cab behind the driver and officer. Each compartment shall be approx. 30 cubic feet. Painted, "slam" style hard door on exterior, approximately 18" wide. Interior access shall be via a roll up door w/ raised grab bar (facing the rear riders). Each compartment will have adjustable shelving. The Driver's side compartment shall have a roll out, tilt down tray SLIDE MASTER Brand push/pull knob and a single action spring lock as its lowest shelf extending to the outside. Multiple shore line charging ports (110v AC) to store portable equipment such as a T.I.C., a four gas meter, and portable radios within. Interior roll up doors shall be full height, from cab floor to ceiling. Passenger side lower section (accessible from inside only) shall contain a RV style 12v refrigerator (which runs both while plugged into shore power and when on the road) within the confines of the cabinet doors or similar configuration. Cabinets shall be lit by LED rope lighting (of highest quality) or by any other means necessary for compartment viewing (using LED lighting). [see customer concept drawings (not to scale)]

3.5.2. An interior compartment shall be constructed high above the rear of the engine "dog house" between each interior/exterior compartment for storage of spare SCBA masks and traffic vests etc. This compartment shall be mounted tight to the ceiling and accessible by a single top hinged door with one (1) hydraulic assist strut on each side. Minimum opening shall be 10" however should not block forward view of seated Firefighters. [see customer concept drawings (not to scale)]

3.5.3. An interior storage unit shall be constructed as an extension of the rear of the engine "dog house" filling in between the outer cabinets. This shall consist of an area divided in half with adjustable shelving on one side and open storage area on the other with a light netting type containment system. This unit shall not be any taller than the engine dog house. [see customer concept drawings (not to scale)]

scale)]

3.5.4. A raised aluminum “mounting shelf” unit with multiple 110v AC and 12v DC termination points shall be provided. This shall be located on top of the engine “dog house” towards the rear (raised max. 1 ½” for wiring) and will be used for mounting charging units for hand lights, cell phones, and various other equipment as necessary. [see customer concept drawings (not to scale)]

3.5.4.1. Under the three (3) forward facing SCBA jump seats shall be a storage compartment within the base that extends from the drivers side to the passengers side. Access to the transverse area below shall be via (2) bottom hinged doors (split 50/50 of over all length) with maximum allowable height being used for access. [See customer concept drawings (not to scale)]

3.5.5. There shall be two (2) custom loose (removable) storage bin tray units installed (one each side) in the rear lower outside extended section of the crew cab in a compartment. These shall be for the storage of three (3) or four (4) Scott 4.5, 30 min. SCBA bottles and one (1) PW Extinguisher on each side of the truck. Access shall be via a single weather tight hinged slam door on each side. There shall be a transverse area above them, over the frame rails but below the seat base. Rope lighting shall illuminate this compartment. [See customer concept drawings (not to scale)]

3.6. Body Compartments

3.6.1. The design of the compartments shall be sweep out design and maximize usable storage space and provide for the efficient storage of equipment. Openings shall utilize the maximum possible clearance with the fewest obstructions. Compartments shall be supplied with LED rope lighting each side of compartment door and be of the highest quality and rugged design available. These shall be controlled by a magnetic on/off switch associated with each door and shall be individually illuminated on a schematic in the cab console for easy identification of open door (ladder down or lid up, etc) status. Each compartment shall be weather tight and vented (w/ filters). Compartments shall be coated with spatter finish or light gray Line-X type material (desired).

3.6.1.1. Compartment shelving, trays, and floors (unless a sliding tray is mounted directly above) shall be provided with removable black vinyl grating installed with yellow tapered edges. Sliding trays to be filled with same material (non-tapered).

3.6.1.2. Street side compartments shall be full height “rescue style” compartments, with roll up style doors. The lower section of compartments immediately in front of and behind the rear wheels shall be approximately 24” min. deep. Upper area shall be approximately 12” min deep. Two (2) additional adjustable 125 pound capacity 12” shelving shall be provided for uppers (one front of wheels one rear).

3.6.1.2.1. All roll up doors shall be of highest quality with 3” raised gloved hand graspable grab bars. Doors shall be un-painted. Each

compartment shall have a drip pan or shield directly below the rolled up door, supplied with a drain to shed water to the outside which will protect the contents of the compartment and the door face.

3.6.1.3. Curbside compartments shall be full height rescue style compartments, with roll up style doors. The lower section of compartments immediately in front of and behind the rear wheels shall be approximately 24” min. deep. Upper area shall be approximately 12” min. deep. Two (2) Additional adjustable 125 pound 12” capacity shelving shall be provided for uppers (one front of wheels one rear).

3.6.1.3.1. The curbside compartment located above the rear wheels shall fill the entire area(s) adjacent to the strong arm ladder rack (no shelves).

3.6.1.4. Rear compartment shall be sized so as to provide storage for a low profile, polished finish, mounted electric rewind hose reel for (100’) of hydraulic hose (blue) within rollers and locking extensions to front of opening. One (1) low profile mounted air hose reel (100’) plumbed to separate reserve air tank. There shall be a roll out tray in the bottom of the compartment (500lb capacity) SLIDE MASTER brand with single action spring lock which shall have proper mounting fixture for customer supplied Hurst tools (cutters and spreaders). Door for this compartment shall be a roll up door like the others.

3.6.2. All exterior walking surfaces to be open aluminum Grip Strut with an aggressive surface, or equivalent.

3.6.3. Street Side Front Compartment Detail

3.6.4.1. This compartment shall include a heavy duty pull out peg board style tool board full height for mounting of adaptors and appliances. This shall be adjustable front to rear. [See customer concept drawing (not to scale)]

3.6.5. Street Side Middle Upper Compartment Detail

3.6.5.1 The upper rear wall shall have PAC TRAC mounting board. [See customer concept drawing]

3.6.6. Street Side Middle Pull-Out Drawer

3.6.6.1. There shall be a pull-out drawer approx 3” to 4” high located above the wheel well but below the upper compartment. This shall be the full 24” deep and 60” wide. A foam insert shall be provided so customer can customize tool layout after delivery. Include a mechanism to hold the drawer in open position.

3.6.7. Street Side Forward Wheel Well Compartment

3.6.7.1. There shall be a compartment located ahead of the wheel well with a natural SS finish hinged door that shall contain one (1) SCBA spare bottle (30 min., 4.5), two (2) ABC 20 lb. extinguishers.

3.6.7.2. There shall be a weather tight compartment located to the rear of the wheel well with a natural SS finish hinged door that shall store approx. three

(3) 50lb bags of floor dry with a chute type dispenser near rear of mud flap.

3.6.8. Street Side Rear Compartment Detail

3.6.8.1. The upper rear wall shall have PAC TRAC mounting board.

3.6.8.2. There shall be a low profile electric cord reel with a polished finish mounted in this compartment behind or below the roll up door. 200' of 10/3 yellow coated wire with a 20amp female twist lock type receptacle end installed. There shall be a separate multi twist outlet junction block with 20amp male twist pig tail supplied.

3.6.9. Curb Side Front Compartment Detail

3.6.9.1. The upper rear wall shall have PAC TRAC mounting board.

3.6.9.2. There shall be a low profile polished finish electric cord reel mounted to the ceiling of this compartment behind the roll up door with 200' of 10/3 yellow coated wire with a 20amp female twist lock type plug end installed.

3.6.10. Curb Side Middle Upper Compartment(s) Detail

3.6.10.1. There shall be an upper compartment (or two) located next to the strong arm single arm ladder rack. Compartment space should maximize the room in this area of the body as to not have any void space. Rear wall(s) shall have PAC TRAC mounting board.

3.6.11. Curb Side Wheel Well Compartment(s)

3.6.11.1 There shall be a compartment located forward of the wheel well with a natural SS finish hinged door that shall store customer supplied high pressure air bags. Dividers should be installed.

3.6.11.2. There shall be a compartment located to the rear of the wheel well with a natural SS finish hinged door that shall store customer supplied cribbing. No dividers.

3.6.12. Curb Side Rear Compartment Detail

3.6.12.1. The upper rear wall shall have PAC TRAC mounting board.

3.6.13. Rear Center Compartment Detail

3.6.13.1. The compartment shall be completely separate from any other compartment and be as large as possible. There shall be one (1) low profile hydraulic reel to contain 100' of red colored Hurst twist connect compatible hose. There shall be one low profile reel which shall contain 100' of high quality rubber air hose (plumbed to separate aux. tank) with a ¼ turn ball valve shut off near reel. There shall be one (1) roll out tray SLIDE MASTER Brand with push/pull single action spring lock with 500lb. capacity mounted to the floor of the compartment. There shall be an additional 250lb capacity pull out tilt down tray mounted mid height of the compartment. This compartment shall be designed to store customer supplied HURST equipment.

3.6.14. Rear of Body and Rear Bumper

3.6.14.1. The rear of the apparatus body shall be a stepped back design with smooth finish. The rear bumper shall have an integral section that easily extends out to create a working step/platform in the center. Below the rear bumper shall contain a 2” receiver for a customer supplied Ramsey 9000lb winch and a quick connect electrical plug. There shall be adequate graspable hand rails of sufficient length in logical locations which have integral LED lighting. Steps shall be extra large, individually lit, and integrated into the rear of body as a fixed component. An intermediate step shall be installed below the hose bed w/ a horizontal hand rail installed. (Note: back up camera can be installed under this step for protection)

3.6.15. Ladder Storage

3.6.15.1. There shall be a single power arm that when stowed away all ladders rest over the hose bed/upper compartments (the ladders should be removable from this position in case of a power rack failure). Actuator shall be electric, hydraulic or air driven. When the power arm is in “full down” position the ladders shall be located at a reasonable working height for the average adult. This ladder rack/arm shall store a 35’ three section extension ladder, 16’ roof ladder, and 10’ folding closet ladder.

3.6.16. Hard Suction Storage

3.6.16.1. There shall be a compartment above the street side high side compartments designed to store two (2) 6” dia. light weight clear hard suction lengths. The length of the compartment shall be of maximum allowable length of the body. This shall allow for the suction hose to be removed from the rear of the apparatus through a single hinged door with a simple latch that can be operated with a gloved hand/finger. There shall be storage for at least three (3) vendor supplied, beam style pike poles in this compartment utilizing all dead space possible. Suction hose shall be supplied by the vendor and cut to length to fit the full depth compartment.

3.6.17. Additional Storage

3.6.17.1. The respondent will also take into consideration the department’s desire for the storage of a Stokes litter and a Little Giant collapsible ladder somewhere within the truck within its own space.

3.7. Communications Equipment

3.7.1. Antennas, antenna cable, power supply cable, and conduit for control cable, shall be provided for the following communications equipment (location of antenna mounting shall be provided by the Town of Mansfield):

3.7.1.1. Low band mobile radio and repeater, with remote control head, speaker and microphone mounted in the crew cab. Note: Radio, repeater, and speaker will be supplied and installed by the Town of Mansfield after delivery.

3.7.1.2. MDT – power and antenna cable shall be run to the front dash area in

front of the Officers' seat. Mounting equipment and MDT shall be provided by customer and installed after delivery.

3.7.1.3. UHF mobile radio – Note: UHF radio will be supplied and installed by the Town of Mansfield after delivery.

3.7.1.4. All radio and repeater antenna cables shall be run to the underside of the Officers' seat in the vendor supplied vented radio box. There shall be one set of hot and ground studs (switched) to be provided under the Officers' seat. Mansfield shall provide antenna mounts for roof of cab (5). There shall also be one set of (constant hot) studs.

3.7.1.5. There shall be an AM/FM radio with weather band installed in the cab within reach of the driver while sitting. This shall be supplied and installed by vendor/manufacturer.

3.7.1.6. There shall be a color back up camera installed high on the rear of the body, and shall be protected from the elements and rough duty. The monitor shall be installed in plain view of the driver and operate automatically when vehicle is place into reverse gear. The unit should also be manually operable when desired.

3.8. Hose

3.8.1. Hose to be carried for pre-connected lines (Note: Hose is not to be supplied by respondent.) A heavy duty BLACK cargo net shall secure the hose and be supplied with large weather proof clips or buckles that can easily function with a gloved hand.

Length	Size	Location
250 ft	1 ¾"	Cross lay above pump
250 ft	1 ¾"	Cross lay above pump
200ft	2 ½"	Cross lay above pump
100ft	1 ¾"	Trash line in front bumper

3.8.2. Hose to be carried in Hose Bed (Note: Hose is not to be supplied by respondent.)

Length	Size	Location
1600 ft	5" (Storz)	Hose bed above water tank
600 ft	2 ½"	Hose bed above water tank
200 ft	3"	Hose bed above water tank

3.8.3. Hose bed shall be provided with a rigid fixed center divider and two (2) adjustable hose bed dividers with hand grabs cut out.

3.8.4. Hose bed cover shall be a two-section, center hinged aluminum tread plate type with an aggressive surface, with a manual lifting system (gas stay), and latching and locking system. The cover shall be designed as a walking surface.

When covers are open the bed shall be lit with LED rope lighting installed under the covers. High quality rope lighting shall be used and be protected as best as possible.

3.8.5. A weighted vinyl hose bed flap shall be provided with keeper clips for easy removal by a gloved hand (black in color).

3.8.6. A one piece solid hinged cover, of aluminum tread plate with an aggressive surface, latching and locking system shall cover the three cross lays above the pump panel. When cover is open the cross lays shall be lit with LED rope lighting installed under the cover. High quality rope lighting shall be used and protected as best as possible. Cover shall be hinged on cab side so as not to hinder re-packing of hose bed.

4. FIRE PUMP & HOUSING

4.1. A Waterous, 1500 gpm minimum single stage centrifugal midship pump shall be provided. Additionally, please provide pricing on a Hale QMAX 1500 gpm minimum single stage midship pump (see alternate 11.3). Pump shall include heavy-duty pump transmission, electric oil-less priming pump and be engineered as a complete system. The pump and its plumbing shall include sacrificial anodes where ever commonly possible. All related plumbing shall be of high quality stainless steel.

4.1.1. Pump shall be capable of drafting from a 15-foot lift through 24-feet of suction hose at 1500 GPM minimum.

4.1.2. Pump and associated plumbing shall be engineered in such a manner that allows for the maximum possible flows and performance from the system. It is desirable for this apparatus to flow at higher capacity than 1500 GPM if capable.

4.1.3. Pump shall be provided with an engine/pressure pump governor with provisions for a preset feature for pressure, and return to idle on loss of water. Unit shall work and be selectable in RPM and Pressure modes and function cohesively with all systems.

4.1.4. Class A/B Foam system shall operate in conjunction with the pump on an as desired basis and have the ability to inject foam into the line(s) on demand.

4.2. Pump operators panel shall be located midship, left side of vehicle. Due care shall be given to the layout of the panel so that valves and gauges have an obvious association and ergonomically comfortable. A customer sign off on a detailed engineer's layout shall be done prior to construction. Upper portion shall be hinged so as to access/view interior of lighted pump housing (both sides) with latching mechanism(s). Lower panels shall also be removable to facilitate service work. Front of pump housing shall have a removable panel of similar Line X type finish and latches.

4.2.1. Pump panel shall be labeled and color-coded to identify the various intake and discharge controls and gauges. Labels shall stand out and be integrated into the controls. Pump panel surfaces shall be coated with black Line X type product. There shall be LED rope lighting provided which shall illuminate the panel,

controls, fittings and running boards each side. A separate indicator light will advise when pump is engaged.

4.2.2. 2-1/2” and smaller discharge controls shall be push/pull rod with ¼ turn locking function.

4.2.3. 3” or larger shall be swing arm lever style or electric.

4.2.4. There shall be large folding NFPA compliant steps with individual LED lights mounted to the front of the body on both side of apparatus to facilitate access to the dunnage/deck gun areas with large graspable integrally lit grab rails mounted to logical locations. Front of apparatus body to be coated with black Line-X type material.

4.2.5. Gauges

4.2.5.1. Gauges shall be protected against freezing.

4.2.5.2. Gauges shall all be LED back lit with white faces and black needles and large digits.

4.2.5.3. Master gauges to be a minimum of 4 inches, liquid filled. They shall indicate the pump pressures.

4.2.5.4. Individual line gauges shall be provided.

4.2.5.4.1. Line gauges for 2.5 inch or smaller discharge outlets shall indicate line pressure.

4.2.5.4.2. Line gauges for large diameter discharge outlets (3” or larger) shall indicate line pressure and volume.

4.2.6. Tank Gauges shall be provided to indicate the approximate level of water in the water storage tank and amount of foam in the foam concentrate storage tank. Four (4) gauge locations shall be provided; one (1) At the pump panel, one (1) on each side near the rear of the cab towards the roof line (these shall be visible from a distance of 50’) and one (1) located on the rear of the body.

4.2.7. Pump Intakes and Fills

Size	Type of Adapter	Location	Valve type
6 inch	Male threaded	Curb side Rear	Air (MIV)
6 inch	Male threaded	Curb side, midship	Air (MIV)
6 inch	Male threaded	Street side, midship	(Cap)
2 ½”	Female threaded	Curb side, midship	Lever ball
2 ½”	Female threaded	Street side, midship	Lever

			ball
3"	3" NST female 30° sweep w/ 5" Storz	Curb side, midship Direct tank fill	Fireman's Friend 3"

4.2.7.1 Two (2) 6" LH with 5-inch Storz gated pressure relief valves w/ 30° bend (TFT SWIVEL) shall be provided. Part No: **AB1ST-NX-PS**

4.2.7.1.1. All pump inlets shall be provided with light weight plugs and caps.

4.2.7.2. Coated cables shall be provided on all caps and plugs except for 6-inch connections.

4.2.8. Discharge Outlets

Quantity	Size	Type of Adapter	Location	Flow
2	2 1/2"	Male w/sweep & reducer 1-1/2" cap	Street side, midship	250 gpm
1	2 1/2"	Male w/sweep & reducer 1-1/2" cap	Curb side, midship	250 gpm
1	3"	male	Head of hose bed curb side	750 gpm
1	3"	male	Deluge Riser	1000 gpm
1	4"	5" inch Storz 30° bend	Curb side, midship	1500 gpm
1	4"	5" inch Storz 30° bend	Street side Rear	1500 gpm

4.2.9. All pump outlets shall be provided with light weight caps. All 2-1/2" pump panel outlets shall be supplied with reducer caps to 1-1/2".

4.2.9.1. Coated cables shall be provided on all caps.

4.2.10. Discharge Outlets for Pre-connected Hose Lines

Quantity	Size	Type of Adapter	Location	Flow
2	2"	male, 1 1/2", swivel	Above pump panel	200 gpm
1	2 1/2"	male, 2 1/2" swivel	Above pump panel	250gpm
1	2"	Male 1-1/2" on gooseneck swivel	Front bumper trough	200 gpm

4.2.11. A deck gun shall be mounted on the deluge riser, base of deck gun to be stored in compartment. Deck gun to be supplied by customer. Quick connection from deck gun to riser to be supplied by vendor.

4.2.12. Pump must contain an internal relief valve.

5. WATER TANK

5.1. A 1000-gallon poly “T” style water tank with an integrated 30-gallon foam tank shall be provided. Tank shall be UPF and have a “Lifetime warranty”. Tank shall be protected against chaffing on frame components. Tank shall be removable for warranty replacement if need be. Tanks shall be engineered for peak performance.

5.1.1. The minimum tank to pump flow rate shall be 750 gpm via 3-1/2” valve.

5.1.2. The minimum pump to tank fill rate shall be 150 gpm via 2” re-fill.

5.1.3. The water tank shall be provided with an open direct fill riser, accessible from the top of the truck without opening the hose bed cover.

5.1.4. The foam tank shall be piped to 1 ¾” Cross Lay #1, and the Front bumper trash line as a minimum. The foam tank shall be drainable and also a means of draining/flushing the plumbing. Foam on/off control shall be a single switch/button operation. Also a quick connect pick-up port shall be installed at the pump panel for direct bucket use and refilling the foam tank.

5.1.5. The foam concentrate tank shall be provided with a direct fill riser, accessible from the top of the truck without opening the hose bed cover.

6. EXTERIOR PAINT, LETTERING, AND DECALS

6.1. Paint, lettering, and decal scheme shall closely match existing department equipment. Chevron Reflective material shall only be Reflexite Fluorescent Lime L2 and Red 12. This shall be installed on the smooth surface rear of the apparatus, on edges of all pull out trays or tool boards, and the front bumper. Top of front bumper leading edge shall be LINE-X black in color. (See mansfieldfirect.org for pictures).

7. DELIVERY

7.1. Completed vehicle shall be delivered to: Mansfield Fire Department, Inc., 999 Storrs Road, Mansfield, CT 06268

7.2. A qualified and responsible representative of the respondent shall be available to the fire department for a minimum of 24 hours over a three (3) day period, with evening hours, to instruct fire department personnel in the field operation, care, and maintenance of the vehicle.

7.3. Two complete sets of operating, maintenance (including a schematic of the electrical system) and parts manuals for all components shall be provided on delivery.

8. ACCEPTANCE

8.1. Vehicle will be accepted after inspection by the Town of Mansfield to determine compliance with this RFP, respondent's proposal, and engineering drawings and specifications within the contract. The Town of Mansfield will notify the respondent of the results of the inspection within three (3) business days from the date of delivery.

9. PAYMENT

9.1. Payment will be made within two (2) business days of acceptance of the vehicle.

9.2. The Town of Mansfield will consider alternative payment proposals, which may include a partial payment, and be in the Town's best interests.

10. WARRANTY

10.1. Completed vehicle and all equipment shall be warrantied for a minimum of one (1) year (bumper to bumper). Longer warranties on the entire vehicle or major components are preferable as the Town is planning on using the vehicle for twenty (20) years or longer as front line apparatus. The respondent shall be responsible for all warranty claims. Please complete the attached warranty summary form.

11. ALTERNATES The Town of Mansfield is soliciting price quotes for the following optional designs and equipment. The Town will select items which it believes are in the Town's best interests.

11.1. Body: Constructed of stainless steel.

11.2. Option for 450hp diesel engine

11.3. Pump: Hale QMAX 1500 gpm single stage midship pump substituted for a Waterous, 1500 gpm single stage centrifugal midship pump.

11.4. Extended Warranties. Please provide pricing on warranties for the following time periods if available: 5 years; 10 years; and, 20 years on attached warranty summary sheet.

11.5. Manufacturers may propose any other alternatives (design, equipment, or method) that they believe may be in the Town's best interests (safety devices, restraints, roll protection etc.)

11.6. EQUIPMENT:

11.6.1. Two (2) TFT pistol grip 1-1/2" nozzle with shut off and 15/16" tip

11.6.2. Five (5) Scott 4.5 SCOTT 75 SCBAs, with 45 minute cylinders with amplified masks

11.6.3. Five (5) Scott Carbon fiber SCBA 45 minute cylinders

11.6.4. Two (2) sets of lightweight hose spanners (1-1/2" to 5" Storz)

11.6.5. One (1) set of vehicle stabilization struts/jacks

11.6.6. FIRECOM wireless headset system for all five (5) riding positions (Front set for High & Low band radio ops)

11.6.7. Four (4) 5ft New York roof hooks (steele)

11.6.8. Two (2) sets of carry strapped 30" Haligan bar nested w/ flat head axe with fiberglass handle

11.6.9. One (1) 8lb sledge hammer with fiber glass handle

11.6.10. Three (3) fiberglass handle pike poles; one (1) 6ft, one (1) 8ft, one (1) 10ft (I beam style)

11.6.11. One (1) thermal imaging camera to match current MFD model (Basic Scott Eagle w/ truck charger & spare)

11.6.12. One (1) 4 gas meter with charger to match current MFD model (GfG Instruments G450)

11.6.13. One (1) BLITZ FIRE XXC 52-HE with protective cover and mounts

11.6.14. Six (6) Vulcan LED hand lights with 12v chargers & carry straps.

11.6.15. Twenty (20) lengths 100' x 5" LDH double jacket (yellow) supply hose 300 psi service pressure w/ 5" Storz light weight couplings

11.7 Compressed Air Foam System:

11.7.1. CAFS class “A/B” “One Touch” on demand foam system plumbed to supply all pre-connected lines in lieu of basic A/B foam system. System should activate/introduce foam to an already charged flowing water hand line by simply throwing a switch or pushing a button. Each line should operate separately and independently. System should be capable of setting ratios from ¼ percent to 6 percent. System should have an automatic tank refill (foam pick up) capability in order to refill the on board tank. System should have the ability to flush out and or drain all components after each use. Price should include all pick up tubes and components.

Attachment I
PRICE SUMMARY FORM

Price Summary Form,
For Triple Combination Pumper

Respondent:

Name of Firm: _____

Address: _____

Contact Person: _____

Fax Number: _____ Phone Number: _____

Email Address: _____

Included information:

- _____ Specifications depicting proposed Triple Combination Pumper
- _____ Schematic drawings depicting proposed Triple Combination Pumper
- _____ Written description of proposed Triple Combination Pumper
- _____ Warranties included in proposal
- _____ Sales brochures or other material that may help Owner evaluate proposal
- _____ Description of any exceptions taken of this RFP, if any
- _____ List of pumpers delivered in Connecticut within the last five (5) years
- _____ Certification that Manufacturer has been in business five (5) years

Cost of new Triple Combination Pumper, delivered to 999 Storrs Road	\$ _____
Number of days to complete and deliver	_____

Attachment II

ALTERNATES PRICE SUMMARY FORM

Alternates (Accepted at owner's option)

Item	Description	Price Change
11.1	Body: Constructed of:	Stainless steel
11.2	Option for 450hp diesel engine	
11.3	Pump: Hale QMAX 1500 gpm single stage midship pump substituted for a Waterous, 1500 gpm single stage centrifugal midship pump.	
11.4	Extended Warranties. Please use attached Warranty summary sheet. May use attachments to provide details.	
11.5	Manufacturers proposed alternatives. Please include sufficient details to allow the Town to evaluate. (May use attachments to provide details)	
11.6	Equipment	
11.6.1	Two (2) TFT pistol grip 1-1/2" nozzle with 15/16" tip	
11.6.2	Five (5) Scott 4.5 SCOTT 75 SCBAs, with 45 minute cylinders with amplified masks	
11.6.3	Five (5) Scott Carbon SCBA 45 minute cylinders	
11.6.4	Two (2) sets of lightweight hose spanners	
11.6.5	One (1) set of vehicle stabilization struts (RESQ Jack or equal)	
11.6.6	FIRECOM wireless headset system for all five (5) riding positions	
11.6.7	Two (2) 5' New York roof hooks with PAC TRAC mounting hardware	
11.6.8	Two (2) sets of 30" haligan and flat head axe with fiberglass handle	
11.6.9	One (1) 8lb sledge hammer	
11.6.10	One (1) each fiberglass handle pike poles 6ft, 8ft, & 10ft	
11.6.11	One (1) thermal imaging camera to match current MFD model	

11.6.12	One (1) four gas meter with charger to match current MFD model	
11.6.13	One (1) BLITZ FIRE XXC 52 with cover	
11.6.14	Six (6) Vulcan LED hand lights with 12v chargers	
11.7	“One Touch” Class A compressed air foam system (CAFS) in lieu of requested basic unit	

Attachment III

WARRANTEE SUMMARY FORM

	Base Warrantee (Number of Years)	5 Year Warrantee (Price)	10 Year Warrantee (Price)	20 Year Warrantee (Price)
Complete Vehicle				
Frame				
Engine				
Transmission				
Axles & Suspension				
Pump & Controls				
Pump Transmission				
Paint				
Cab, Structural				
Cab, Corrosion				
Body, Structural				
Compartment Doors				
Ladder Rack				
Body, Corrosion				
Tank				
Warning Equipment				
Electrical System				

Attachment IV

EXTERIOR PAINT, LETTERING, AND DECAL SCHEME

Exterior Color: Cab – Two tone, upper section white, lower section red, Body – red

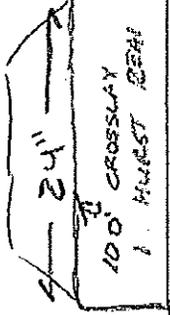
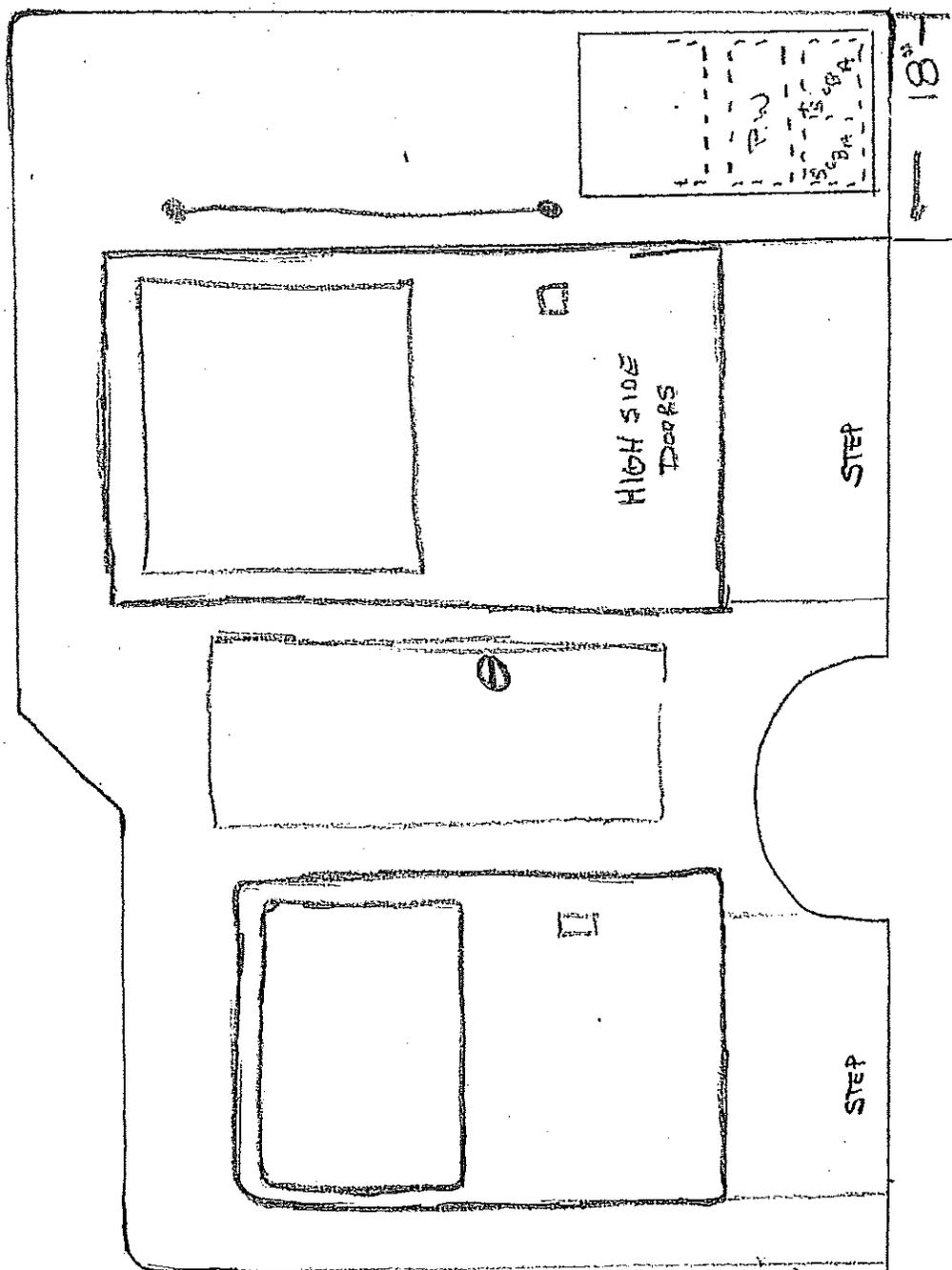
Striping: Three reflective stripes across the front and sides of the vehicle. The stripe pattern consist of a 1 inch white stripe, 1 inch gap, 6 inch white stripe, 1 inch gap, 1 inch white stripe, and chevron striping pattern at the rear of the apparatus. A gold leaf stripe shall be provided on each side of the body and gold leaf striping at the front cab corners.

Lettering: 100 three inch gold leaf letters with outlining and shading shall be provided. Ten 3 inch and three 5 inch black reflective letters shall be provided.

Emblems: Four 16 inch Gold Star, or equivalent gold leaf shall be supplied. Two to be applied between the doors of cab (two are to be shipped).

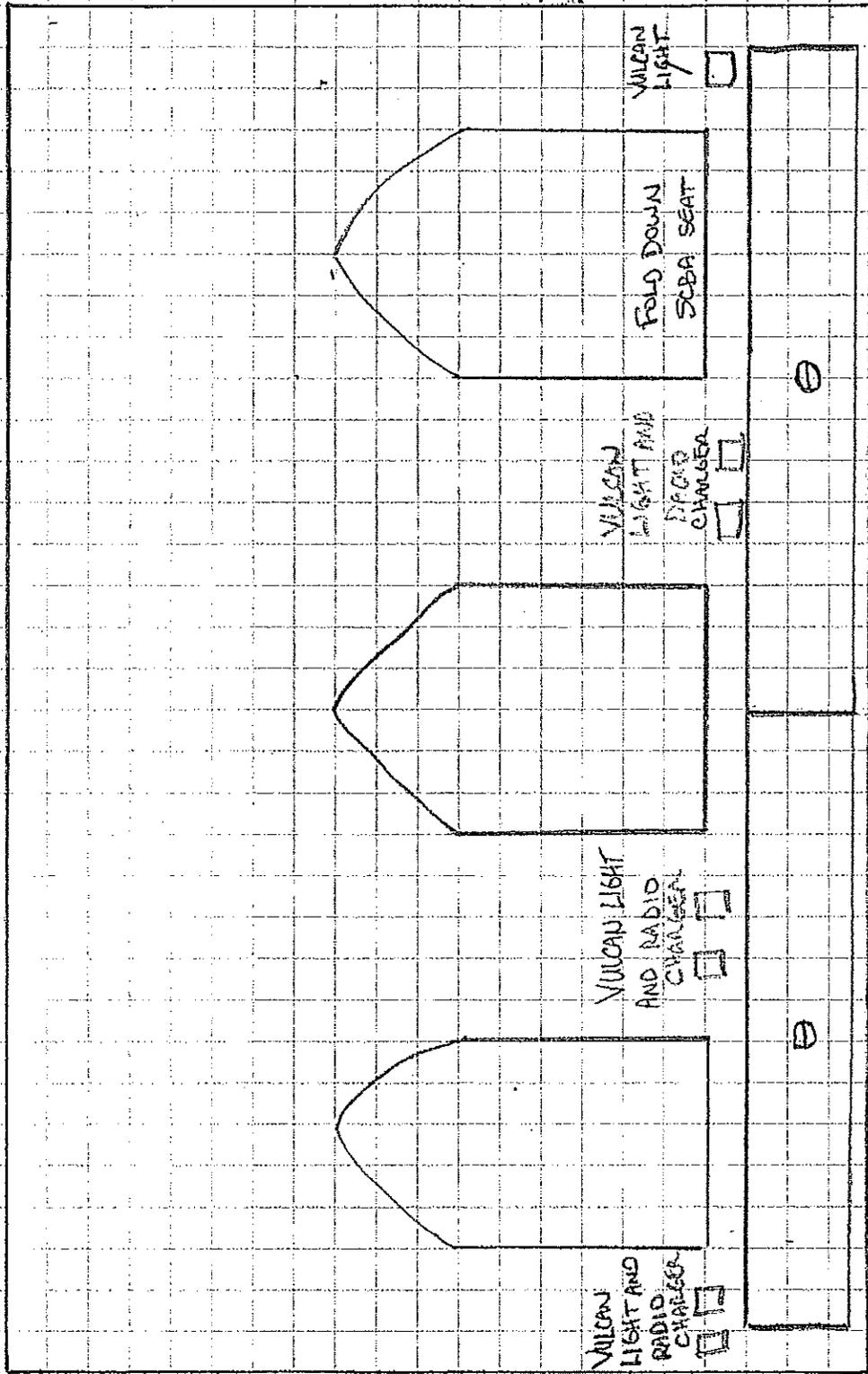
Color of upholstery: Black vinyl

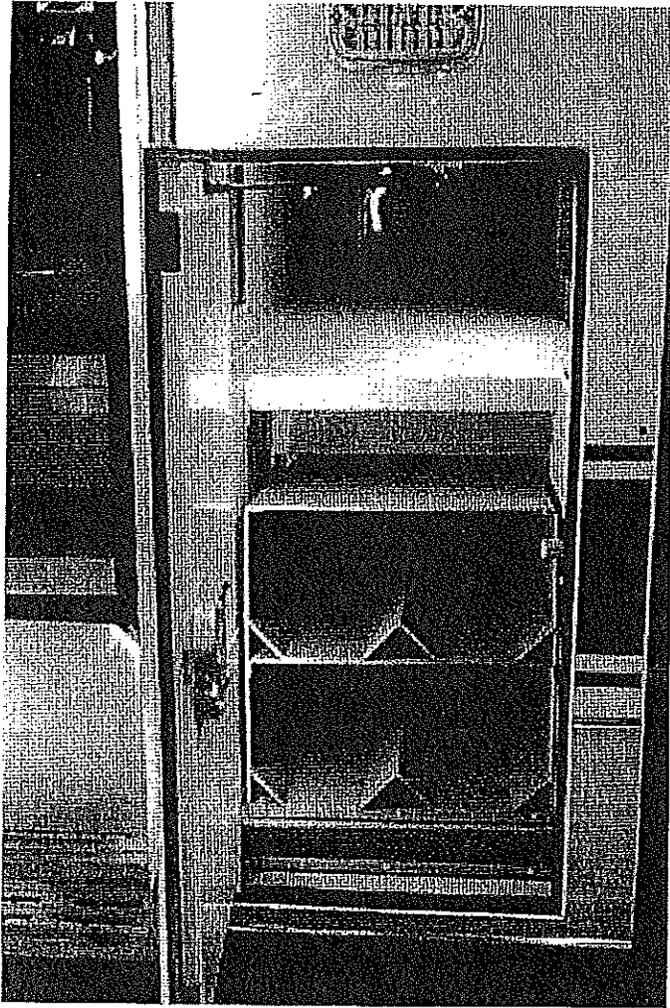
Color of interior of cab: Black

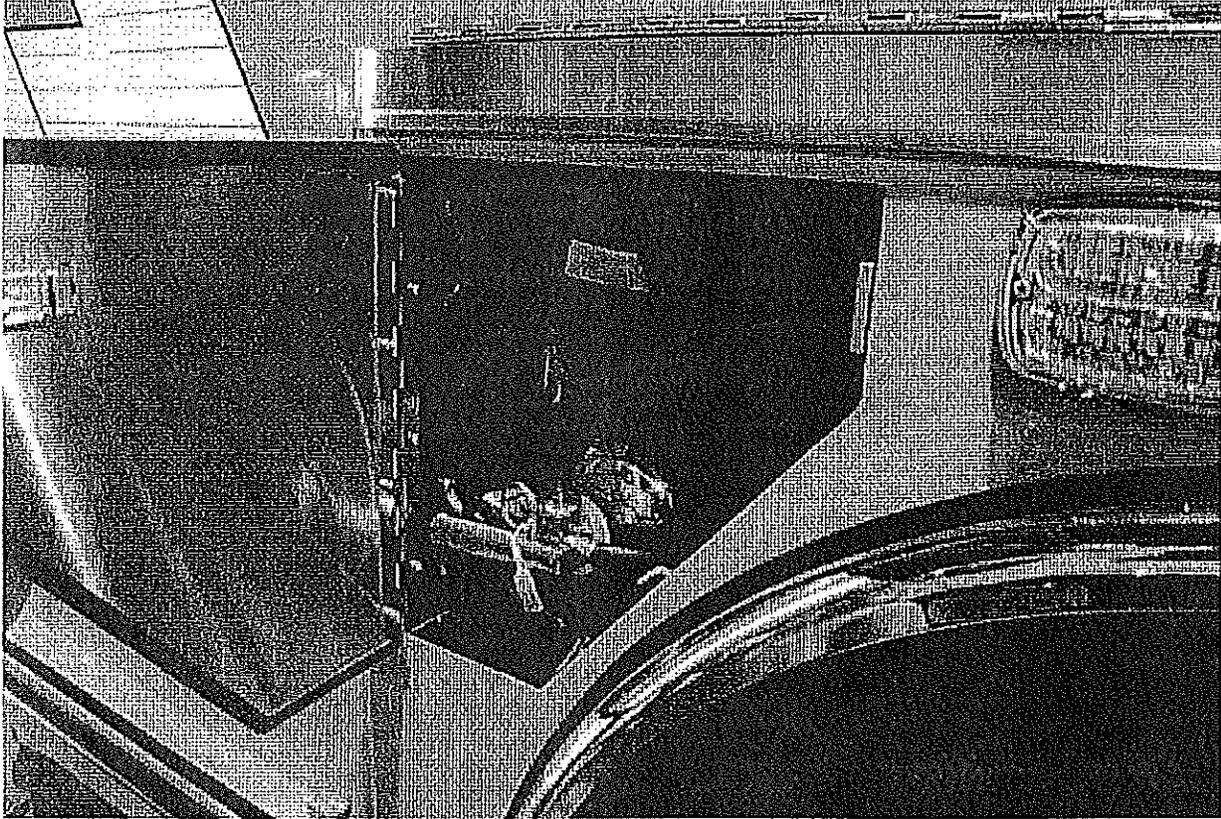


Hand-drawn
which
wood
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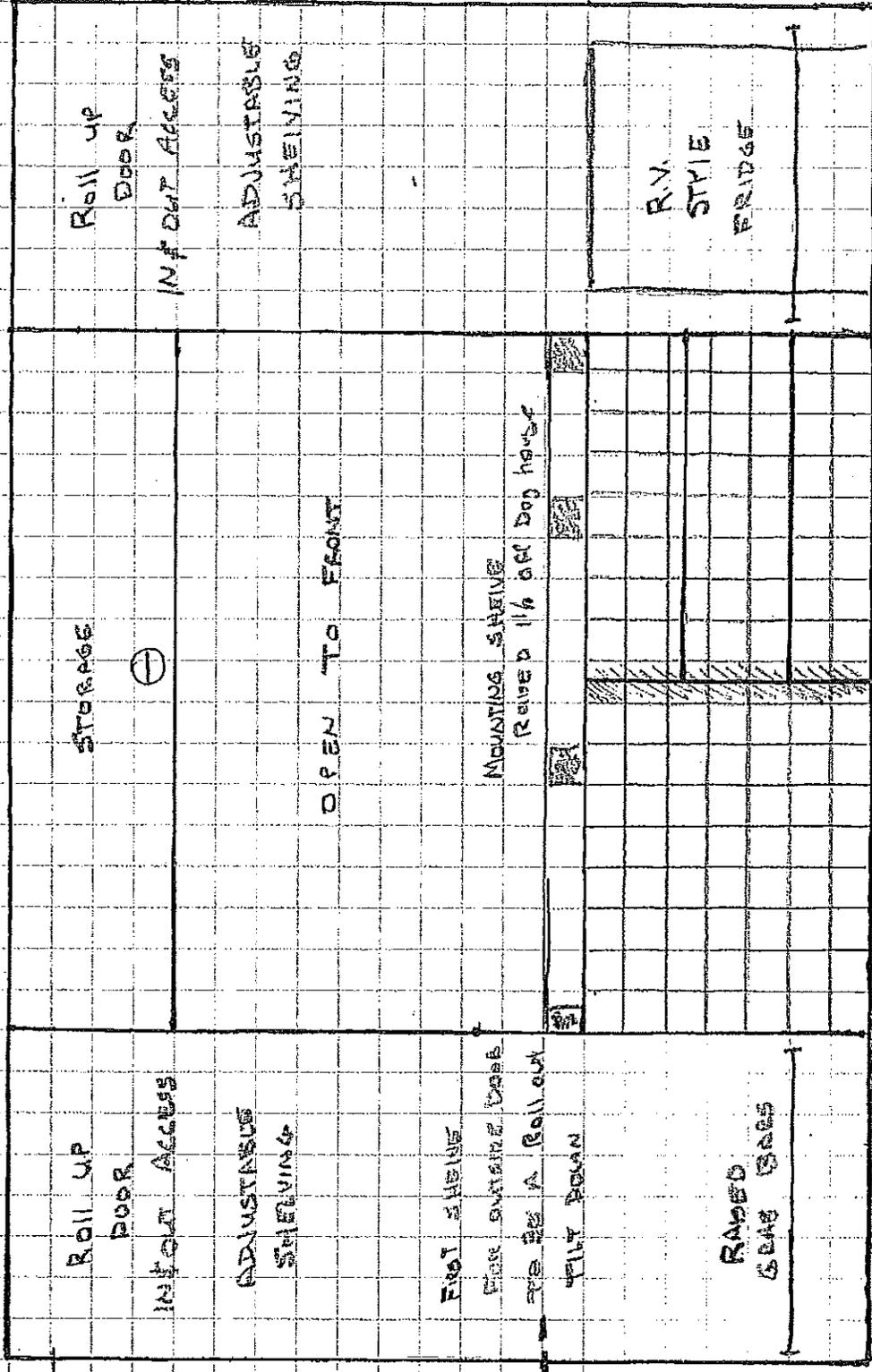
REAR WALL







REAR CAB LOOKING FORWARD



ROLL UP DOOR
IN/OUT ACCESS

STORAGE
⊖

ADJUSTABLE SHELVING

ADJUSTABLE SHELVING

OPEN TO FRONT

FRONT SEATING
FRONT SEATING DOORS
AS BE A Roll out
TILT DOWN

MOUNTING SHELVE
Raised 1 1/2 off dog house

RAMPED SEAT BASES

R.V. STYLE FRIDGE

↑
OPEN STORAGE

↑
NOTHING CONTAINMENT

↪
ADJUSTABLE SHELVING