

**REQUEST FOR PROPOSALS FOR THE PURCHASE OF  
A SPECIAL SERVICE FIRE APPARATUS FOR  
EVANS FIRE PROTECTION DISTRICT**



Issued by:

Evans Fire Protection District  
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Date of Issue: May 4<sup>th</sup>, 2015

**Due Date/Time: June 8<sup>th</sup>, 2015, 5:00pm  
DEADLINE FOR RECEIVING PROPOSALS**

## **CALENDAR OF EVENTS/RFP TIMELINE**

Listed below are the important dates and times by which the actions noted must be completed. All dates are subject to change by the Evans Fire Protection District. If the Evans Fire Protection District finds it necessary to change any of these dates or times prior to the RFP due date, the change will be accomplished by addendum.

### **ACTION**

### **COMPLETION DATE**

**Issue RFP**

May 4<sup>th</sup>, 2015

**Last Day for Questions**

June 3<sup>rd</sup>, 2015 @ 4:00 pm

**Proposals Due**

June 8<sup>th</sup>, 2015 @ 5:00 pm

**Proposal opening**

June 9<sup>th</sup>, 2015 @ 9:00 am

**Final Purchase Decision**

July 27<sup>th</sup>, 2015 @ 7:00pm

## TABLE OF CONTENTS

<b>PROPOSAL CHECKLIST .....</b>	<b>1</b>
<b>PART 1 - INTENT AND GENERAL INFORMATION .....</b>	<b>2</b>
REQUEST FOR PROPOSALS.....	2
FORMS AND SPECIFICATIONS .....	2
EXCEPTIONS AND DEVIATIONS.....	2
HOW TO SUBMIT A PROPOSAL .....	2
VENDOR RESPONSIBILITY .....	3
PROPOSAL DOCUMENTS REQUIRED.....	3
EXAMINATION OF PROPOSAL DOCUMENTS.....	3
INTERPRETATIONS AND CLARIFICATIONS .....	3
<b>PART 2 - EVALUATION PROCESS.....</b>	<b>4</b>
PROPOSAL EVALUATION .....	4
<b>PART 3 - PROPOSAL SUBMITTAL .....</b>	<b>5</b>
<b>PART 4 - PROPOSAL DOCUMENTS .....</b>	<b>6</b>
PROPOSAL COVER PAGE .....	6
PROPOSAL FORM.....	7
EXCEPTIONS OR DEVIATIONS TO SPECIFICATIONS .....	8
DISCLOSURE OF SUBCONTRACTORS, SUBCONSULTANTS AND SUPPLIERS .....	9
VENDOR QUESTIONNAIRE AND REFERENCES.....	10
VENDOR'S AFFIDAVIT .....	12
W-9 .....	13
NO-PROPOSAL RESPONSE .....	14
<b>PART 5 - SCOPE OF SERVICES .....</b>	<b>15</b>
INTRODUCTION .....	15
SPECIFICATIONS.....	15
GENERAL SCOPE.....	15
QUALITY AND WORKMANSHIP .....	15
PERFORMANCE TESTS AND REQUIREMENTS.....	15
FAILURE TO MEET TESTS .....	16
GENERAL CONSTRUCTION .....	16
FAMA COMPLIANCE .....	16
CAB AND CHASSIS.....	16
WATER TANK AND PUMP .....	17
BODY .....	18
LIGHTING .....	19
EMERGENCY LIGHTING AND SIREN .....	19
DESIRED FEATURES (NOT REQUIRED) .....	19
OPERATION AND SERVICE MANUALS.....	19

## PROPOSAL CHECKLIST

This standardized check list has been provided to assist the Proposer with the submission of their Proposal package. This check list cannot be construed as identifying all required submittal documents for this project. Proposers remain responsible for reading the entire Proposal document to insure that they are in compliance. Proposals may be considered subject to rejection if, in the sole opinion of the District, there is a serious omission, unauthorized alteration of form, and unauthorized alternate Proposal, incomplete or unbalanced unit price, or irregularities of any kind.

- Proposal Cover Page
- Proposal Form(s)
- Exceptions/Deviations Page
- Disclosure of Subcontractors, Sub-consultants and Suppliers
- Vendor Questionnaire and References
- W-9
- Copy of Required/Applicable Licenses or Certifications
- Specifications
- All Warranty Information
- Required Number of Proposal Copies (1 Original and 5 Copies = 6 Total)

## **PART 1 - INTENT AND GENERAL INFORMATION**

### **REQUEST FOR PROPOSALS**

Sealed proposals will be received by the Evans Fire Protection District located at 1100 37<sup>th</sup> Street, Evans, CO 80620, until 5:00 pm, June 8<sup>th</sup>, 2015 for: RFP Special Service Fire Apparatus. Proposers shall take careful notice of the following conditions of this Request for Proposals:

- Submissions by FAX or other electronic media will not be accepted under any circumstances. Late submissions will not be accepted under any circumstances.
- Submitters may withdraw and/or replace proposals at any time until the deadline for submission of proposals.
- All questions received by 4:00 pm, June 3<sup>rd</sup>, 2015 will be considered. Questions will not be answered over the phone. Questions must be in writing via e-mail to Ryan Fuller at [rfuller@evansfiredistrict.org](mailto:rfuller@evansfiredistrict.org).

### **FORMS AND SPECIFICATIONS**

Details, proposal forms, and specifications are available from the Evans Fire Protection District's web-site, [www.evansfiredistrict.org](http://www.evansfiredistrict.org). Submitters are required to use the official "PROPOSAL FORMS", and all attachments itemized herein are to be submitted as a single document.

### **EXCEPTIONS AND DEVIATIONS**

Any variation from the minimum specifications must be clearly stated and explained in detail on the EXCEPTION/DEVIATION FORM. These specifications are based upon design and performance criteria. Subsequently these specifications reflect the only type of fire apparatus that is acceptable. Therefore, major exceptions to these base specifications will not be accepted. The Proposer will make accurate statements as to the apparatus weight and dimensions. All proposals will include a complete set of detailed manufacturer's specifications. Omissions and unacceptable variations will result in immediate rejection of the proposal. Proposals that are found to have deviations without listing them will be rejected. No exceptions.

No prototype apparatus will be considered. All design, operational and material features must fully comply with the State and Federal Motor Vehicle Safety Standards.

### **HOW TO SUBMIT A PROPOSAL**

One complete proposal form set (1 original plus 5 copies) with all required documents as itemized and included herein is to be submitted in a sealed envelope, on the outside of which shall be prominently marked with the name and address of the submitter. The RFP should be neat, professional in appearance and bound appropriately for the document's thickness. The original document shall have original signatures and clearly noted with *ORIGINAL* on the cover. All proposals shall be mailed or hand delivered to the Evans Fire Protection District at the address given, by date and time set forth herein.

### **VENDOR RESPONSIBILITY**

Submitters are fully and completely responsible for the labeling, identification and delivery of their proposals. The Evans Fire Protection District will not be responsible for any mislabeled or misdirected submissions, nor those handled by delivery persons, couriers, or the U.S. Postal Service.

### **PROPOSAL DOCUMENTS REQUIRED**

The following documents and forms in the following arrangement must accompany each proposal or alternate proposal submitted:

- Proposal Cover Page. This is to be used as the first page of the proposal. This form must be fully completed and signed by an authorized officer of the Vendor.
- Proposal Form
- Exceptions or Deviations to Specifications Form
- Disclosure of Subcontractors, Sub-consultants and Suppliers
- A sworn, notarized Vendor Questionnaire and References
- W-9
- Specifications
- All Warranty Information

### **EXAMINATION OF PROPOSAL DOCUMENTS**

- Each Vendor shall carefully examine the Drawings and/or Specifications and other applicable documents, and inform himself/herself thoroughly regarding any and all conditions and requirements that may in any manner affect cost, progress or performance of the work to be performed under the Contract. Ignorance on the part of the Vendor will in no way relieve him/her of the obligations and responsibilities assumed under the Contract.
- Should a Vendor find discrepancies or ambiguities in, or omissions from, the Drawings and/or Specifications, or should he/she be in doubt as to their meaning, he/she at once notify the Evans Fire Protection District, in writing.

### **INTERPRETATIONS AND CLARIFICATIONS**

No oral interpretations will be made to any Vendor as to the meaning of the Proposal Documents. Any inquiry or request for interpretation received by the Evans Fire Protection District before 4:00pm, June 3<sup>rd</sup>, 2015, will be given considerations. All such interpretations will be made in writing in the form of an e-mail to [rfuller@evansfiredistrict.org](mailto:rfuller@evansfiredistrict.org).

## PART 2 - EVALUATION PROCESS

### PROPOSAL EVALUATION

This Request for Proposals includes following all the procedures in this document and sending the sealed proposal information to the Evans Fire Protection District by the due date and time. Proposals will be evaluated on the following criteria:

Factor	Description	Points
1.	<b>General Requirements</b> How well the equipment proposed meets the requirements of the general specifications contained in this Request for Proposals.	40
2.	<b>Cost</b> Total cost to the District.	30
3.	<b>Vendor References</b> Feedback from current and past customers of the vendor.	20
4.	<b>Quality and Completeness of Proposal</b> Quality, professionalism and conciseness of Proposal and of any required supplemental submission.	10
Total		100

Once proposals are received, the Selection Committee members will independently review each submittal and score each proposal based on the evaluation criteria. The award will be based on the proposal that is most advantageous to the District.

The District reserves the right to apply the evaluation criteria in any manner it deems necessary and to evaluate each firm separately or comparatively, using these criteria in any weight or importance as it sees fit. The District also reserves the right to seek clarification from prospective firms on any issue in a response, invite specific firms for site visits or oral presentations, or take any action it feels necessary to properly evaluate the submissions and construct a solution in the District's best interest. Failure to submit the requested information or required documentation may result in the lessening of the proposal score or the disqualification of the proposal response.

Do not attempt to contact any Selection Committee Member, staff member or person other than Ryan Fuller ([rfuller@evansfiredistrict.org](mailto:rfuller@evansfiredistrict.org)) for questions relating to this project. Anyone attempting to lobby District representatives will be disqualified.

The Selection Committee will meet to evaluate proposals beginning June 9<sup>th</sup>, 2015.

The Selection Committee will recommend one proposal to the District Board of Directors with final anticipated approval by the Board on July 27<sup>th</sup>, 2015.

Proposal awards are subject to Board approval.

### **PART 3 - PROPOSAL SUBMITTAL**

One original and five (5) copies (for a total of 6), of each proposal shall be submitted in a sealed envelope, prominently marked on the outside with the words, "Purchase of Special Service Fire Apparatus". Proposals submitted in express, overnight or courier envelopes, boxes or packages must be prominently marked on the outside with the words, "Purchase of Special Service Fire Apparatus" and contents sealed as required.

- Deadline for Submissions in response to the Request for Proposals: Proposals must be received no later than 5:00pm, June 8<sup>th</sup>, 2015. Proposals submitted by FAX or other electronic media will not be accepted under any circumstances. Late proposals will not be accepted, and will be returned, unopened, to the Proposer, at the Proposer's expense.
- The Evans Fire Protection District reserves the right to reject any and/or all proposals, reserves the right to waive any informalities or irregularities in the proposal, and reserves the right to award contract(s) in the best interest of the District.





**PROPOSAL FORM**

**EVANS FIRE PROTECTION DISTRICT**



Name of Firm Submitting Proposal \_\_\_\_\_

Name of Person Submitting Proposal \_\_\_\_\_

**PROPOSAL ACKNOWLEDGMENT**

"The undersigned, as Proposer, hereby declares that he/she has informed himself/herself fully in regard to all conditions to the work to be done, and that he/she has examined the RFP and Specifications for the work and comments hereto attached. The Vendor proposes and agrees, if this proposal is accepted, to contract with the Evans Fire Protection District in the form of a Purchase Order, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation, labor and service necessary to complete the work covered by the RFP and Contract Documents for this Project. The Proposer agrees to accept in full compensation for each item the prices named in the schedules incorporated herein."

\_\_\_\_\_  
**TOTAL SUM PROPOSAL \$**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

*This document must be completed and returned with your Submittal*



**DISCLOSURE OF SUBCONTRACTORS, SUB-CONSULTANTS AND SUPPLIERS**

Name of Firm Submitting Proposal: \_\_\_\_\_

Name of Person Submitting Proposal: \_\_\_\_\_

Please list all Subcontractors, Sub-consultants or Suppliers to be used in connection with performance of this contract. Attach additional sheets as necessary.

Name of Firm or Agency: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Contact Name / Title: \_\_\_\_\_

Name of Firm or Agency: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Contact Name / Title: \_\_\_\_\_

Name of Firm or Agency: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Contact Name / Title: \_\_\_\_\_

Name of Firm or Agency: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Contact Name / Title: \_\_\_\_\_

Name of Firm or Agency: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Contact Name / Title: \_\_\_\_\_

*This document must be completed and returned with your Submittal*

**VENDOR QUESTIONNAIRE AND REFERENCES**  
*(You may use a separate sheet for additional information)*

VENDOR: \_\_\_\_\_

DATE: \_\_\_\_\_

1. Where are your corporate/ business headquarters located?
2. Where is your factory located?
3. Where is the nearest full service center?
4. How many years has your organization been in business under your present business name?
5. List all previous business names of your organization:
6. Will you furnish a written guarantee that sufficient replacement equipment and/or replacement parts and components will be available at your facility if requested within a minimum 24-hour period?
7. Will your company provide a written copy of the manufacturer's written or expressed warranty on the equipment? Provider must state length of standard warranty and any extended warranties available as well as all requirements for the District to remain within warranty compliance.
8. Does your company contract out the warranty repair work? If so, how long has your company done this? How long has the current vendor been with your company? Please provide name, address and phone number of vendor.

9. Have you ever failed to complete any work awarded to you in the last 3 years?  
Yes\_\_\_ No\_\_\_ If yes, where and why?

10. List/describe five (5) contracts/projects with similar specifications that you currently have or have recently completed.

Project	Location
Date	Contract Amount
Contact Name, Phone Number and Fax Number	

Project	Location
Date	Contract Amount
Contact Name, Phone Number and Fax Number	

Project	Location
Date	Contract Amount
Contact Name, Phone Number and Fax Number	

Project	Location
Date	Contract Amount
Contact Name, Phone Number and Fax Number	

Project	Location
Date	Contract Amount
Contact Name, Phone Number and Fax Number	

**VENDOR'S AFFIDAVIT**

State of \_\_\_\_\_

County of \_\_\_\_\_

Before me personally appeared \_\_\_\_\_ who is (*title*) \_\_\_\_\_ of (*the company described herein*) \_\_\_\_\_ being duly sworn, deposes and say that the foregoing statements are a true and accurate statement of the position of said organization as of the date thereof, and, that the statements and answers to the foregoing experience questionnaire are correct and true as of the date of this affidavit; and, that he/she understands that intentional inclusion of false, deceptive, or fraudulent statements of this application constitutes fraud; and, agrees to furnish any pertinent information requested by the District deemed necessary to verify the statements made in this application or regarding the ability, standing and general reputation of the applicant.

Personally Known \_\_\_\_\_ or Produced Identification \_\_\_\_\_

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

NOTARY PUBLIC \_\_\_\_\_  
Print Name of Notary Public

STATE OF \_\_\_\_\_

\_\_\_\_\_  
Signature of Notary Public





**NO-PROPOSAL RESPONSE**

**EVANS FIRE PROTECTION DISTRICT  
Statement of "No Proposal"**

If you do not intend to submit a proposal for this project, please complete and return this form prior to date shown for receipt of proposals to:

Evans Fire Protection District  
Attn: Captain Ryan Fuller  
1100 37<sup>th</sup> Street  
Evans, CO 80620

We, the undersigned, have declined to submit a proposal on your "RFP Special Service Fire Apparatus" for the following reasons:

- Specifications are too "tight", i.e. geared toward one brand or manufacturer only (please explain below)
- Insufficient time to respond to the Request for Proposals.
- We do not offer this product or equivalent.
- Remove us from your proposers' list for this commodity or service.
- Our product schedule would not permit us to perform to specifications.
- Unable to meet specifications.
- Unable to meet insurance requirements.
- Specifications unclear (please explain below).
- Competition restricted by pre-approved owner standards.
- Other (please specify below).

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Signature and Title: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Date: \_\_\_\_\_

## **PART 5 - SCOPE OF SERVICES**

### **INTRODUCTION**

The Evans Fire Protection District is a new Special District formed in 2011. The Evans Fire Protection District, formerly the City of Evans Fire and Rescue Department, serves approximately 19,500 residents. We are a combination fire district, staffing one station 24/7 with one front line quint apparatus, one front line pumper, one reserve pumper, one brush truck, and a light duty medical response vehicle. The intent of this purchase will be to combine our light duty medical response vehicle and brush truck into a single unit.

### **SPECIFICATIONS**

The Evans Fire Protection District is requesting proposals for the purchase of a Special Service Fire Apparatus with a total cost not to exceed \$160,000.00. Qualified firms wishing to respond to “Purchase of a Special Service Fire Apparatus” must provide all equipment and materials described in this document, whether directly or through sub-contractors/sub-consultants.

### **GENERAL SCOPE**

It is the intent of these specifications to cover the furnishing and delivery of a “Special Service Fire Apparatus” to the Evans Fire Protection District. It is the desire of the District to obtain the best results and the most acceptable apparatus for service in the fire district. These specifications cover only the general requirements as to the type of construction and tests to which the apparatus must conform. Minor details of construction and materials, where not otherwise specified, are left to the discretion of the contractor, who shall be solely responsible for the design and construction of all features. The apparatus shall conform to the requirements of the current edition of the National Fire Protection Association (NFPA) 1901.

The specification shall indicate size, type, model, and make of all component parts and equipment.

### **QUALITY AND WORKMANSHIP**

The design of the apparatus must embody the latest approved automotive engineering practices. The workmanship must be the highest quality in its respective field. Special consideration shall be given to the following points: accessibility to various areas requiring periodic maintenance, ease of operation (including both pumping and driving) and symmetrical proportions.

Construction must be rugged and ample safety factors must be provided to carry loads as specified and to meet both on and off road requirements and speed as set forth under “Performance Test and Requirements.”

### **PERFORMANCE TESTS AND REQUIREMENTS**

All performance and road tests shall conform to the current edition of NFPA 1901 by a qualified testing agency in accordance with their standard practices for pumping fire pumps. The contractor shall furnish copies of the Pump Manufacturer’s Certification of Hydrostatic Test (if applicable), the Engine Manufacturer’s current Certified Brake Horsepower Curve and the Manufacturer’s Record of Construction Details.

### **FAILURE TO MEET TESTS**

In the event the apparatus fails to meet the test requirements of these specifications on the first trial, a second trial may be made at the option of the proposer within thirty (30) days of the date of the first trials. Such trials shall be final and conclusive and failure to comply with these requirements shall be cause for rejection. Permission to keep and/or store the apparatus in any building owned or occupied by the purchaser shall not constitute acceptance of same.

### **GENERAL CONSTRUCTION**

The apparatus shall be designed and the equipment mounted with due consideration to distribution of load between the front and rear axles so that all specified equipment and features can be carried without damage to the apparatus. Certified Laboratories certificate shall be submitted by the manufacturer and the weight of apparatus shall meet all federal axle load laws.

The entire apparatus shall be assembled within the borders of the continental United States to ensure more readily available parts (without added costs and delays caused by tariffs and customs) and service, as well as protecting the purchaser should legal action ever be required.

The special service fire apparatus shall not exceed 5,000 miles or one year from date of manufacture at the time of delivery.

### **FAMA COMPLIANCE**

Manufacturer must be a current member of the Fire Apparatus Manufacturer's Association.

### **CAB AND CHASSIS**

- **Model Type:** The cab and chassis shall be a full size pick up cab with 4 full size passenger doors. The apparatus shall have a fully enclosed cab capable of riding no less than 4-persons. All riding positions shall be seated in the interior of the cab. Cab shall include the latest in safety features in regards to airbags and rollover protection. The chassis will be a four wheel drive chassis. The wheel base shall be long enough to marry a 10 foot rescue type body with the overall length of the vehicle not to exceed 24 feet.
- **Axle and Suspension:** The chassis shall have a dual rear wheel axle and manufacturer's heavy duty suspension package with a minimum payload capacity of 10,000 pounds.
- **Brakes:** The brakes shall be heavy duty disc brakes, compliant with manufacturer's rating for the proposed vehicle.
- **Engine:** Engine shall be a diesel engine.
- **Transmission:** Transmission shall be an automatic transmission.
- **Electrical Generating System:** The vehicle shall have the maximum amp heavy duty alternator available.
- **Battery System:** The vehicle shall have a dual battery system and one (1) shoreline battery conditioner system.
- **Seats and Flooring:** All seats shall have seatbelts. The right front seat and any rear of cab seats shall be able to accommodate the District's SCBA. There will be only seating for 2 passengers in the rear of the vehicle. All seats will be bucket type seats. The floorboards shall be of a sturdy, waterproof black material. The entire cab interior shall be wash-out style; therefore carpet and/or fabric are not acceptable.

- **Exterior Finish:** The exterior of the vehicle shall be painted to the Evans Fire District paint scheme of Black over Red. The Evans Fire District will provide paint code numbers and decal design at a pre-build meeting.
- **Body Protection Shields:** The vehicle shall have rear wheel rubber mud flaps. The vehicle body shall be provided with an off-road package, including skid plates.

## WATER TANK AND PUMP

- **Tank:** The vehicle shall be provided with a poly water tank of at least a 250 gallon capacity. It shall have top-fill capability and an appropriately placed tank drain valve. A transparent tank level indicator shall be included in the water tank. The level indicator shall be integral to the tank. The level indicator shall be located to provide maximum visibility to the operator.
- **Pump:** The pump shall be mounted at the apparatus rear, mounted in the open rear cavity of the body (drop in). The pump shall be a gasoline engine with a single stage pump capable of a discharge of 250 GPM and comply with the applicable NFPA standard.
- **Fuel Tank:** The pump shall have a minimum of a 5 gallon gasoline tank.
- **Exhaust system:** The pump engine shall have a vertical exhaust pipe that is directed upward and away from the pump operator.
- **Primer:** A combination muffler and exhaust jet eductor-type primer capable of 20 inches of mercury vacuum shall be installed. A single control lever located at the operator's panel shall be installed.
- **Pump control panel:** The pump control panel shall be installed at the rear of the unit. It shall contain the following:
  - Keyless RUN/STOP ignition switch.
  - Hour meter/tachometer.
  - Engine choke lever.
  - Discharge pressure gauge.
  - Engine throttle.
  - Panel light.
  - Exhaust primer lever.
  - Reset breaker.

The control panel shall be fully accessible to an operator standing on the ground at the rear of the truck.

- **Hose threads:** All hose threads shall be NST unless otherwise specified.
- **Labels:** All controls, inlets, and discharges shall be clearly labeled and comply with applicable NFPA standards.
- **Tank to pump:** There shall be one (1) 2 ½ inch tank to pump line provided between the water tank and the pump system.
- **Suction/tank fill:** There shall be one (1) 2 ½ inch suction/tank fill inlet installed to supply the fire pump from an external water supply.
- **Pre-connected discharge:** There shall be one (1) 1 ½ inch discharge outlet piped to hose tray located above left hand side of the body compartments.
- **Rear discharge:** There shall be (1) 2 ½ inch discharge outlet toward the rear of the unit.

- **Front spray nozzles:** There shall be two (2) spray nozzles on either side of the front bumper that are controlled from the cab.
- **Tank refill:** There shall be one (1) 1 inch tank fill/re-circulating line provided between the pump and the water tank.
- **Booster hose reel:** There shall be one (1) booster reel with electric rewind supplied. The booster hose reel shall be installed on the center top of the water tank so the hose will exit either side of the apparatus. The reel shall be capable of holding 200 feet of 1 inch booster hose. There shall be two (2) hose reel rewind switches installed, one (1) on either side of the apparatus.
- **Booster reel hose:** There shall be 200 feet of booster reel hose with a minimum proof test pressure of 600 PSIG. The hose shall be coupled in 50 foot sections.

## **BODY**

- **Body height:** The overall height of the apparatus body shall be 59 inches tall.
- **Body width:** The overall width of the apparatus body shall be 93 inches wide.
- **Body length:** The overall length of the apparatus body shall be 120 inches long.
- **Left side compartment in front of rear wheels, L1:** There shall be one (1) full height compartment ahead of the rear wheels, approximately 36 inches wide x 21 inches deep. There shall be one (1) adjustable shelf located in the compartment. There shall be LED lighting for the interior of the compartment.
- **Left side above wheel compartment, L2:** There shall be one (1) standard height compartment above the rear wheels, approximately 48 inches wide x 21 inches deep. There shall be LED lighting for the interior of the compartment.
- **Left side compartment behind rear wheels, L3:** There shall be one (1) full height compartment ahead of the rear wheels, approximately 36 inches wide x 21 inches deep. There shall be one (1) adjustable shelf located in the compartment. There shall be LED lighting for the interior of the compartment.
- **Right side compartment in front of rear wheels, R1:** There shall be one (1) full height compartment ahead of the rear wheels, approximately 36 inches wide x 21 inches deep. There shall be one (1) adjustable shelf located in the compartment. There shall be LED lighting for the interior of the compartment.
- **Right side above wheel compartment, R2:** There shall be one (1) standard height compartment above the rear wheels, approximately 48 inches wide x 21 inches deep. There shall be LED lighting for the interior of the compartment.
- **Right side compartment behind rear wheels, R3:** There shall be one (1) full height compartment ahead of the rear wheels, approximately 36 inches wide x 21 inches deep. There shall be one (1) adjustable shelf located in the compartment. There shall be LED lighting for the interior of the compartment.
- **Rear body:** The cargo area of the apparatus body shall be left uncovered for the installation of the skid unit.
- **Upper body left side:** There shall be storage for the placement of one (1) pre-connect hose tray and two (2) backboards. There shall be a red vinyl cover.
- **Upper body right side:** There shall be storage for the placement of supply hose and long handled tools. There shall be a red vinyl cover.

## **LIGHTING**

- **Ground lights:** Ground lights shall be LED.
- **Brake, tail, turn lights marker lights:** Shall be LED on the body. The cab and chassis shall be manufacturer specification.
- **Pump area light:** There shall be a LED light provided in the area of the pump so that the pump operator can see the pump area during nighttime operations.
- **License plate light:** A license plate bracket with LED light shall be provided and installed on the rear of the body.
- **Back up lights:** One (1) pair of LED back up lights shall be provided.
- **Scene lighting:** There shall be two (2) 12 volt LED scene lights installed on each side of the apparatus body.

## **EMERGENCY LIGHTING AND SIREN**

- **Emergency lighting:** All emergency lighting shall include all of the requirements of the current version of NFPA 1901. All emergency lights shall be LED.
- **Electronic siren:** There shall be an electronic siren and speaker installed on the apparatus.

## **DESIRED FEATURES (NOT REQUIRED)**

- “On the Spot” tire chain system.

## **OPERATION AND SERVICE MANUALS**

- Shall be two (2) complete "Operation and Service" manuals supplied with the completed apparatus in a paper copy and in electronic file(s).
- Shall include service, maintenance and troubleshooting for major and minor components of the truck.
- Manufacturer shall supply part numbers for major components (i.e. Engine, Axles, Transmission, Pump, etc.).
- Table of contents
- Hydraulic
- Air brake
- Overall apparatus wiring schematics shall be included.
- A video training tape on the operation of the truck shall be supplied with the manuals.