

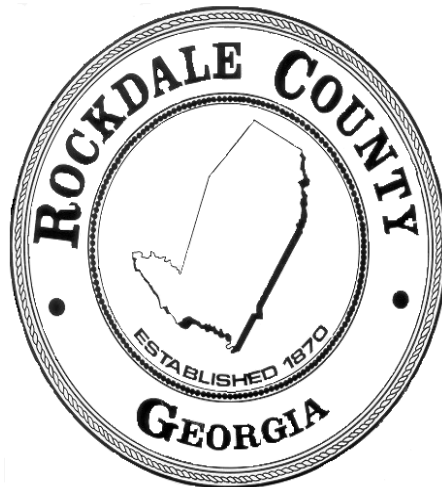
REQUEST FOR PROPOSAL

15-11

ROCKDALE COUNTY, GEORGIA

March 27, 2015

BRUSH TRUCK – MINI PUMPER



**ROCKDALE COUNTY FINANCE DEPARTMENT
PROCUREMENT OFFICE
958 Milstead Avenue
CONYERS, GA 30012
770-278-7552**

INTRODUCTION:

Rockdale County is requesting Competitive Sealed Proposals for **RFP# 15-11: Brush Truck – Mini Pumper.** Instructions for preparation and submission of a proposal are contained in this packet. Proposals must be typed or printed in ink.

Rockdale County provides equal opportunity for all businesses and does not discriminate against any person or business because of race, color, religion, sex, national origin, handicap or veterans status. This policy ensures all segments of the business community have access to supplying the goods and services needed by Rockdale County.

PURCHASING CONTACT FOR THIS REQUEST:

All questions concerning this invitation and all questions arising subsequent to award are to be addressed to the Procurement Officer at the following address:

Rockdale County Finance Department
Procurement Division
Attn: Tina Malone, CPPO, CPPB
958 Milstead Avenue
Conyers, GA 30012
Phone: (770) 278-7552, Fax: (770) 278-8910
E-mail: tina.malone@rockdalecounty.org

To maintain a "level playing field", and to assure that all proposers receive the same information, proposers are requested **NOT** to contact anyone other than the contact above until after the award of the contract. Doing so could result in disqualification of the proposer.

PROPOSAL COPIES FOR EVALUATION:

Four (4) hard copies and one (1) original hard copy and one (1) CD's in Adobe PDF format will be required for review purposes. *(With the original clearly marked "Original" and the Copies clearly marked "Copies.")* . CD's that are blank or have incorrect information on them will not be acceptable and may be justification for disqualification. Check your disk(s) to ensure that they have the appropriate material on it before submitting.

CONTRACT TERM:

The Contract Term will be TBD.

DUE DATE:

Sealed proposals will be received at the Rockdale County Finance Department, Procurement Division, 958 Milstead Avenue, Conyers, GA 30012 no later than **2:00 P.M., local time, Thursday, May 14, 2015.** Proposals received after this time will not be accepted.

PRE-BID/PROPOSAL CONFERENCE:

There will be a **MANDATORY** pre-proposal conference held at the Rockdale County Fire & Rescue Department, located at 1496 Rockbridge Road, Conyers, Georgia 30012, **at 10:00 A.M., local time, Wednesday, April 29, 2015.** Any questions and/or misunderstandings that may arise from this RFP must be submitted in writing and forwarded to the Procurement Officer the above address or by email. It shall be the Proposers responsibility to seek clarification as early as possible prior to the due date and time. Any contractor who intends to submit a Proposal is required to attend this meeting.

Answers to questions submitted that materially change the conditions and specifications of this RFP bid will be distributed to all addressees as an addendum and placed on the website. Any discussions or documents will be considered non-binding unless incorporated and distributed in an addendum.

QUESTIONS AND CLARIFICATIONS:

You should submit your questions and/or requests for clarifications about this RFP no later than **2:00 P.M., local time, Friday May 8, 2015.** Written responses from the County to the questions it receives will be in an addendum and posted to the website.

ADDENDA:

Answers to questions submitted that materially change the conditions and specifications of this RFP will be issued in an addendum and posted to the website. Any discussions or documents will be considered non-binding unless incorporated and issued in an addendum.

Proposers should check with the Procurement Office frequently during the process to verify that they have received all issued addendums. Bidders have the responsibility of making sure that they have received all issued addendums. Addendums are posted on the website at www.rockdalecounty.org, Bid Announcements, Current Bids.

QUANTITIES

The quantities listed in the Proposers Response Schedule are provided as an estimate for proposal purposes. The County will not be obligated to quantities beyond actual needs.

DELIVERY

Delivery is required with 180 calendar day(s) after receipt of individual orders. However, alternate delivery time will be considered provided it is so stated.

(Bidder state number of days for delivery)

All prices are to be firm, **F.O.B. Destination, Freight Prepaid and Allowed.**

Delivery must be made between 8:30 A.M. and 3:30 P.M. Monday through Friday, unless otherwise requested.

DELIVERY F.O.B.: The successful bidder shall give a 24-hour prior notice of delivery to Rockdale County Fire & Rescue.

NOTE: F.O.B. POINT: Unless otherwise stated in the invitation and any resulting contract, or qualified by the bidder, all articles will be F.O.B. Destination, Freight Prepaid and Allowed. This shall include delivered, unloaded and placed in designated place. Successful bidder must comply with this paragraph.

F.O.B. LOCATION: Rockdale County Fire & Rescue
1496 Rockbridge Road
Conyers, Georgia 30012
Telephone: 770-278-8401

LOCAL VENDOR PREFERENCE POLICY

The Rockdale County Board of Commissioners adopted a Local Vendor Preference Policy on March 26, 2013. The policy will apply to all qualified Invitations to Bids and Request for Proposals after May 1, 2013. The Local Vendor Preference Policy allows Rockdale County vendors to get an extra 5 points on the evaluation criteria scoring for Request for Proposal. The Policy will give the local bidder the opportunity to match the price of a non-local vendor's bid price if they are low and within 5% of the low bidder's price on Invitation to Bids. A copy of the Policy may be downloaded from the County website at www.rockdalecounty.org, Under Finance/Purchasing.

The Local Vendor Preference Policy: will _____ / **will not** apply to this RFP.

QUALIFICATIONS OF OFFERORS:

Proposers must have a current business license from their home based jurisdiction and provide a copy of that license with the submittal of their proposal response.

Proposals from any offeror that is in default on the payment of any taxes, license fees, or other monies due to Rockdale County will not be accepted.

Any contractor submitting a Proposal must complete the Contractor's Qualification Statement and Questionnaire if provided in this package.

In evaluating Proposals, the County may seek additional information from any contractor concerning such contractor's proposal or its qualifications to construct the Project.

PROPRIETARY INFORMATION

Careful consideration should be given before submitting confidential information to Rockdale County. The Georgia Open Records Act permits public scrutiny of most materials collected as part of this process. Please clearly mark any information that is considered a trade secret, as defined by the Georgia Trade Secrets Act of 1990, O.C.G.A. §10-1-760 et seq., as trade secrets are exempt from disclosure under the Open Records Act. Rockdale County does not guarantee the confidentiality of any information not clearly marked as a trade secret.

FINANCIAL STABILITY

The Offeror will provide financial information that would allow proposal evaluators to ascertain the financial stability of the firm.

- If a public company, the Offeror will provide their most recent audited financial report.
- If a private company, the Offeror will provide a copy of their most recent internal financial statement, and/or a letter from their financial institution, on the financial institution's letterhead, stating the Offeror is in good standing with that financial institution.

SELECTION PROCESS:

The Rockdale County Procurement Office and Evaluation Committee makes a recommendation for award. The Board of Commissioners will make the actual award of the contract and has the authority to award the contract to a company different than the company recommended by the Procurement Office and/or Evaluation Committee.

This is a past performance/quality/price trade-off source selection in which competing offeror's past and present performance history and product quality will be evaluated on a basis approximately equal to price. Award will be made to the responsible offeror whose proposal represents the best value after evaluation in accordance with the factors listed below. Rockdale County Board of Commissioners may reject any or all proposals and to waive any technicalities or informalities if such action is in the county's interest.

Rockdale County may evaluate proposals and award a contract without discussions with offerors. Therefore, the offeror's initial proposal should contain the offeror's best terms from a price and technical standpoint. The County reserves the right to conduct discussions if the County later determines them to be necessary.

Proposers will be evaluated based on the following criteria and may be called in for an interview. The County intends to award the contract to the responsible and responsive contractor whose proposal is determined in writing to be the most advantageous to the County taking into consideration all of the evaluation criteria.

EVALUATION CRITERIA:

Offers will be evaluated based on the following criteria and may be called in for an interview.

Responders will have their submissions evaluated and scored. Submissions will be evaluated to assess the respondent's ability to provide the best value in a mini pumper style fire suppression unit and service after the sale to Rockdale County Fire and Rescue. Rockdale County shall be the sole judge of the quality and applicability of all statements of qualifications. Approach, scope and design, overall quality, materials and products used, local repair capability, terms, and other pertinent considerations will be taken into account in determining acceptability.

Selection committee shall review the proposals submitted including but not limited to the statements of qualifications, specific specifications and references provided to evaluate and rank the following criteria:

<u>Factor</u>	<u>Evaluation Weight</u>
Design	35%
Cost	25%
Local Repair and Service	20%
Relevant Work Experience And References	15%
Manufacture and Dealer Organization and History	5%

INTERVIEWS

Interviews may be scheduled during the evaluation period. Interviews will be informal, and will provide respondents with an opportunity to answer any questions the selection team may have on a submission. Respondents will not be allowed to make formal presentations.

POSSIBLE FUTURE PURCHASES:

In the event Rockdale County determines to purchase additional vehicles, bidder shall indicate below if the County may purchase these units at the same price, terms, and conditions stated in this bid:

Yes _____ No _____

If "Yes", state below date to which such an option could be exercised:

INSURANCE:

The Company shall maintain in full force and effect the following insurance during the term of the Agreement.

Coverage	Limits of Liability
Workers' Compensation	Statutory
Employers' Liability	\$1,000,000.00
Bodily Injury Liability	\$1,000,000.00 each occurrence
except Automobile	\$1,000,000.00 aggregate
Property Damage Liability	\$1,000,000.00 each occurrence
except Automobile	\$1,000,000.00 aggregate
Personal & Advertising Injury Limit	\$1,000,000.00
Products / Completed Ops.	\$2,000,000.00 aggregate
Automobile Bodily Injury	\$1,000,000.00 each person
Liability	\$1,000,000.00 each occurrence
Automobile Property Damage	\$1,000,000.00 each occurrence
Liability	
Professional Liability	\$3,000,000.00
Excess Umbrella Liability	\$3,000,000.00

All insurance shall be provided by an insurer(s) acceptable to the County, and shall provide for thirty (30) days prior notice of cancellation to the County. Upon contract award, Contractor shall deliver to the County a certificate or policy of insurance evidencing Contractor's compliance with this paragraph. Contractor shall abide by all terms and conditions of the insurance and shall do nothing to impair or invalidate the coverage.

Rockdale, GA shall be named as Additional Insured under any General Liability, Business Auto and Umbrella Policies using ISO Additional Insured Endorsement forms CG 2010 or its equivalent. Coverage shall apply as Primary and non-contributory with Waiver of Subrogation in favor of Rockdale County, Georgia.

The insurance carrier must have a minimum rating of A or higher as determined by the rating firm A.M. Best.

Certificates to contain policy number, policy limits and policy expiration date of all policies issued in accordance with this contract.

LIQUIDATED DAMAGES

All work must be completed within One-Hundred Eighty (180) calendar days after issuance of the purchase order, or a completion date agreed on by both the purchaser and vendor and placed in the contract. Due to the critical nature of this requirement, liquidated damages of \$100.00 per day may be assessed against the Contractor for each day the project is not completed. Liquidated damages will be deducted from all outstanding invoices.

WARRANTY AND EXTENDED WARRANT:

A. **WARRANTY AND/OR GUARANTY:** The bidder will state below or will furnish a separate letter attachment which fully explains the conditions of Warranty and/or Guaranty. If no Warranty and/or Guaranty is applicable, it must be so stated. **NOTE: FAILURE TO RESPOND TO THE REQUIREMENTS OF THIS PARAGRAPH MAY RESULT IN THE BID BEING UNCONSIDERED.**

B. Bidder will indicate below items included in the STANDARD WARRANTY:

<u>ITEM</u>	<u>TIME</u>	<u>MILES</u>	<u>COST, IF APPLICABLE</u>
1. Engine	_____	_____	_____
2. Pump	_____	_____	_____
3. Brake System	_____	_____	_____
4. Frame	_____	_____	_____
5. Axle & Suspension	_____	_____	_____
6. Exhaust System	_____	_____	_____
7. Lighting & Electrical Systems	_____	_____	_____
8. Water Tank	_____	_____	_____
9. Wheels & Tires	_____	_____	_____
10. Other (Bidder State):	_____	_____	_____

C. Bidder will indicate below items included in the EXTENDED WARRANTY:

<u>ITEM</u>	<u>TIME</u>	<u>MILES</u>	<u>COST, IF APPLICABLE</u>
1. Engine	_____	_____	_____
2. Pump	_____	_____	_____
3. Brake System	_____	_____	_____
4. Frame	_____	_____	_____
5. Axle & Suspension	_____	_____	_____
6. Exhaust System	_____	_____	_____
7. Lighting & Electrical Systems	_____	_____	_____
8. Water Tank	_____	_____	_____
9. Wheels & Tires	_____	_____	_____
10. Other (Bidder State):	_____	_____	_____

D. Bidder will indicate below any Extended Warranty beyond that listed above:

E. **NOTE:** Any omission of items in the above listings does not, in any way, relieve the bidder of any requirements in these Standard or Extended Warranties.

BONDS:

A Bid Bond in the amount of **(5%)** of the bid/proposal will be required at the time of bid/proposal submittal.

A Payment (and/or) Performance Bond in the amount of 100% of the contract will be required after the award is made and before notice to proceed is given.

All sureties of bonds for Rockdale County must be licensed to do business in the State of Georgia and must be listed on the Department of Treasury Federal Register.

PERMITS:

The awarded contractor will be responsible for acquiring any permits that are required for this project/purchase. Rockdale County will waive fees on all permits issued by Rockdale County.

AWARD OF CONTRACT

The Rockdale County Procurement Office and Evaluation Committee makes a recommendation for award. The Board of Commissioners will make the actual award of the contract and has the authority to award the contract to a company different than the company recommended by the Procurement Office and/or Evaluation Committee.

ILLEGAL IMMIGRATION REFORM AND ENFORCEMENT ACT OF 2011

Vendors submitting a Qualification package in response to this RFP must complete the Contractor Affidavit under O.C.G.A. §13-10-91(b)(1) which is provided with the RFP package to verify compliance with the Illegal Immigration Reform and Enforcement Act of 2011.

- A. The form must be signed by an authorized officer of the contractor or their authorized agent.
- B. The form must be notarized.
- C. The contractor will be required to have all subcontractors and sub-subcontractors who are engaged to complete physical performance of services under the final contract executed between the County and the contractor complete the appropriate subcontractor and sub-subcontractor affidavits and return them to the County a minimum of five (5) days prior to any work being accomplished by said subcontractor or sub-subcontractor. Format for this affidavit can be provided to the contractor if necessary.**

Rockdale County Georgia
Mini Pumper / Brush Truck Specifications
January 2015

Bidder State Compliance	
Yes	No

Intent of Specifications

Rockdale County Georgia is requesting proposals to replace a 1978 Mini Pumper / Brush Truck vehicle. The design and functional layout of the current vehicle has served the county well and it is our intent to purchase a similar vehicle.

See photos at the end of the specification.

It is the intent of these specifications to describe the furnishing and delivery to the Purchaser, a complete apparatus equipped as specified. This unit can be a new vehicle manufactured for Rockdale County or a new demonstration or stock unit. The primary objective of these specifications is to obtain the most acceptable apparatus for service in the Fire Department. These specifications cover general requirements as to the type of construction for the apparatus, together with certain details as to finish, material preferences, equipment and appliances.

This is a general specification to allow for manufactures to provide a proposal and it is not required for manufactures to meet the specification in detail. With this not being a specific specification it is of the most importance for the vender to be very specific in the details of the proposal. Including detail of methods of manufacturing, types and sizes of materials used and manufacture part numbers of components installed

The purpose of this vehicle is to provide fire suppression capability for off road wild land areas and also as an initial fire attack unit in areas a full size pumper cannot access. For example narrow driveways, private driveways with bridges, rough rutted gravel driveways, and those with low hanging tree limbs.

The design of the apparatus must embody the latest approved automotive design practices. The workmanship must be of the highest quality in its respective field. Special consideration shall be given to service access to areas needing periodic maintenance, ease of operation, and symmetrical proportions. Construction must be heavy-duty and ample safety factors must be provided to carry loads as specified. The construction method employed will be in such a manner as to allow ready removal of any component for service or repair.

The apparatus shall conform to the National Fire Protection Association Standard for Automotive Fire Apparatus, number 1901, in its most recent edition, unless otherwise specified in this document. Only the specified firefighting support equipment listed in these specifications shall be provided.

The apparatus shall further conform to all Federal Motor Vehicle Safety Standards. No exception.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Each vendor shall furnish satisfactory evidence of their ability to design, engineer, and construct the apparatus specified and shall state the location of the factory producing the apparatus. They shall also substantiate they are in a position to render prompt and proper service and to furnish replacement parts for the apparatus.

Bids shall only be considered from companies which have an established reputation in the field of fire apparatus construction and have been in business for a minimum of twenty (20) years.

Each proposal must be accompanied by a set of detailed contractor's specifications consisting of a detailed description of the apparatus and equipment proposed. All bid proposal specifications must be in the same sequence as the advertised specification for ease of comparison. These specifications shall include size, location, type, and model of all component parts being furnished. Detailed information shall be provided on the materials used to construct all facets of the apparatus body. Any vendor who fails to submit detailed construction specifications, or who photo copies and submits these specifications as their own construction details will be considered non-responsive and shall render their proposal ineligible for award. No exception.

Proposals will be addressed and submitted in accordance with the instructions provided on the cover sheet. The words "Fire Apparatus Proposal", the date, and bid opening time shall be stated on the front of the bid envelope.

It shall be the responsibility of the vendor to assure that their proposal arrives at the location and time indicated. Late proposals, telegrams, facsimile, or telephone bids will not be considered. No exception.

All vendors are required to detail the payment terms for apparatus on the vendor's proposal page. Any required prepayments or progress payments must be explained in detail.

Proposal Drawing

A general layout drawing depicting the apparatus layout and appearance shall be provided with the bid. The drawing shall consist of left side, right side, frontal and rear elevation views. Apparatus equipped with a fire pump, shall have a general layout view of the pump operators panel scaled the same as the elevation views. The drawing shall be a depiction of the actual apparatus proposed and not of a generic similar product.

Approval Drawing

After the award of bid and pre-construction conference, a detailed layout drawing depicting the apparatus layout and appearance including any changes agreed upon shall be provided for customer review and signature. The drawing will become part of the contract documents. The drawing shall consist of left side, right side, frontal and rear elevation views. Apparatus equipped with a fire pump, shall have a general layout view of the pump operators panel scaled the same as the elevation views.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Purchaser Rights

The Purchaser reserves the right to accept or reject any bid. The purchaser also reserves the right to award in their best interest and the best value, including life cycle costs, of Rockdale County and reserves the right to waive any formalities.

ISO Compliance

The manufacturer shall operate a Quality Management System meeting the requirements of ISO 9001:2000.

The International Organization for Standardization (ISO) is a recognized world leader in establishing and maintaining stringent manufacturing standards and values. The manufacturer's certificate of compliance affirms that these principles form the basis for a quality system that unswervingly controls design, manufacture, installation, and service.

The manufacturer's quality systems shall consist of, but not be limited to, all written quality procedures (aka QOP) and other procedures referenced within the pages of the manufacturer's Quality Manual, as well as all Work Instructions, Workmanship Standards, and Calibration Administration that directly or indirectly impacts products or processes. In addition, all apparatus assembly processes shall be documented for traceability and reference. The manufacturer shall also engage the services of a certified third party for testing purposes where required.

If the manufacturer operates more than one manufacturing facility each facility must be ISO certified.

By virtue of its ISO compliance the manufacturer shall provide an apparatus that is built to exacting standards, meets the customer's expectations, and satisfies the customer's requirements.

A copy of the manufacturer's certificate of ISO compliance for each manufacturing facility shall be provided with the bid.

Service Requirements

Each vendor shall supply, with their proposal, detailed information on the vendor's ability to perform routine and emergency service on the apparatus after delivery. Detailed information shall be provided on service facilities, personnel, service vehicles, and the type and nature of repair work the vendor is able to provide. Vendor shall state the number of miles from the Purchaser's facility to the nearest fully staffed repair facility operated by the vendor. It is the intent of the Purchaser to assure that parts and service are readily available for the equipment specified. Service capabilities will be one of the criteria for award of this contract.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Bid Bond

A bid security in the form of a Bid Bond, cashier's check, or certified check made payable to the Purchaser in the amount of ten percent (10%) of the total bid shall be required. This shall serve as a guarantee which may be forfeited and retained by the Purchaser in lieu of its other legal remedies if a successful vendor's proposal is accepted by the Purchaser and the vendor shall fail to execute and return to the Purchaser the required contract and bonds within ten (10) days after delivery. If a Bid Bond is provided, it shall be issued by a bonding company licensed to bond in this State.

Certificate of Insurance

Each vendor shall furnish, with their proposal, a Certificate of Product Liability Insurance for a minimum of ten (10) million dollars. Failure to provide this documentation shall render the proposal non-responsive and the bid shall be rejected. This certificate shall be from the prime builder only. Certificates submitted from various sub-contractors in order to total the ten million dollar minimum will not be acceptable as meeting the requirements of this section.

The Certificate must be made out to the Purchaser and must be original. Submission of a non-original Certificate or a Certificate provided that is not made out to the Purchaser will not meet the requirements of this section.

Performance Tests And Requirements

A road test shall be documented with the apparatus fully loaded and a continuous run of ten (10) miles or more shall be made under all driving conditions, during which time the apparatus shall show no loss of power or overheating. The transmission drive shaft or shafts, and rear axles shall run quietly and free from abnormal vibration or noise throughout the operating range of the apparatus. The apparatus, when loaded, shall be approximately 66% on the rear axle. The successful bidder shall furnish a weight certification showing weight on the front and rear axle, and the total weight of the completed apparatus at the time of delivery.

- a. The apparatus must be capable of accelerating to 30 MPH from a standing start within 25 seconds on a level concrete highway without exceeding the maximum governed engine RPM.
- b. The service brakes shall be capable of stopping the fully loaded vehicle within 35 feet from a speed of 25 MPH on a level concrete highway.
- c. The apparatus, fully loaded, shall be capable of obtaining a speed of 50 MPH on a level highway with the engine not exceeding 95% of its governed RPM (full load).
- d. The apparatus shall be tested and approved by a qualified testing agency in accordance with their standard practices for pumping engines.
- e. 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.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Acceptance Test

Final acceptance testing including vehicle inspection, pump test and road test will be performed in Rockdale County GA.

Failure to Meet Test

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 bidder 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.

Delivery

The vendor shall state the time required for delivery of the completed unit on the proposal page. The completed unit shall be delivered to the purchaser with full instructions (minimum 3 days) provided to Fire Department personnel on operation, care and maintenance of apparatus at the purchaser's location.

Delivery Requirements

The apparatus shall be completely equipped as per these specifications upon arrival and on completion of the required tests shall be ready for immediate service in the fire department of the purchaser. Any and all alterations required at the scene of delivery to comply with these specifications must be done at the contractor's expense.

Pre-Construction Conference

After award of the contract, **if the unit is not a stock or demo unit**, and prior to construction of the apparatus, a pre-construction conference shall be held at the facility of the manufacturer. A provision shall be provided in the bid price for all travel, food and lodging to accommodate three (3) Fire Department personnel.

Inspection Trip

After award of the contract, **if the unit is not a stock or demo unit**, an inspection trip at the manufacturer's facility prior to delivery of the completed apparatus shall be provided. Accommodations for three (3) Fire Department personnel to include all transportation, food and lodging shall be included in the bid price.

After award of the contract **if the unit is a demo or stock unit**, if no major modifications are needed to complete the unit, all inspections and acceptance testing will take place in Rockdale County Ga. If major modifications are required an inspection trip shall still be required.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Exceptions

The following apparatus specifications are considered minimum design and construction standards against which the apparatus will be inspected. It is the intent to receive proposals on equipment/apparatus meeting the attached specifications. Any proposals being submitted, without "Full Compliance" with these specifications shall so state on the bid proposal page, followed by a detailed "Letter of Exceptions" listing the areas of non-compliance. The reference must include page number, paragraph, and the nature of the exception.

Failure to follow this format, provided for the convenience of the Purchaser, will render the vendor's proposal non-responsive and ineligible for award of contract.

The Purchaser may add the statement "No Exception" to a component or design feature in these specifications. In the interest of fleet conformity or specific performance requirements, the Purchaser will not permit exceptions taken to these item(s). The Purchaser reserves the right to reject any or all bid proposals and purchase the equipment it deems most suitable to its needs. The Purchaser does not, in any way, obligate itself to accept the lowest or any bid. Any vendor taking total exception to the complete specification will result in immediate rejection of the proposal.

NFPA Compliance

The supplied components of the apparatus shall be compliant with NFPA 1901, 2009 edition.

Fire Apparatus Prep

The following items shall be installed on the commercial chassis in preparation for fire apparatus/rescue application:

- Fast Idle System - A fast idle system shall be provided and controlled by a cab or pump panel mounted switch. The system shall increase engine idle speed to a preset RPM for increased alternator output.
- Master Light Switch - The master light switch shall consist of one (1) illuminated rocker switch wired through a solenoid to accessory switches to allow pre-selected switches to be turned on or off at one time.
- Battery Master Disconnect - A heavy duty on/off single battery master disconnect switch shall be mounted in the cab within easy reach of the driver.

Front Bumper

The vehicle front bumper shall be appropriate size and protection for the model chassis and purpose.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Vehicle Weight Capacity

The proposal will clearly state the carrying capacity available, in pounds, of equipment that can be added by the purchaser. This weight capacity is after all factory installed systems, equipment, water tank full, foam tank full, 2 firefighters in gear, completion and delivery.

Front Axle

Front axle for commercial chassis minimum 7,000lb rating.

The following example is as this applied to Ford F-550 commercial chassis.

Maximum rating on front and rear axles combined not to exceed chassis manufacturer's GVW limits for braking or axle load. Front axle rating on OEM chassis may vary depending on engine and cooling package as equipped. Rear axle weight rating will be determined by taking the front axle rating as equipped and subtracting that amount from the maximum allowable combined weight of the supplied chassis. The remaining weight allowable load shall be what the rear axle may be rated to carry.

Rear Axle

Rear axle for commercial chassis minimum 14,700lb rating.

The following example is as this applied to Ford F-550 commercial chassis.

Maximum rating on front and rear axles combined not to exceed chassis manufacturer's GVW limits for braking or axle load. Front axle rating on OEM chassis may vary depending on engine and cooling package as equipped. Rear axle weight rating will be determined by taking the front axle rating as equipped and subtracting that amount from the maximum allowable combined weight of the supplied chassis. The remaining weight allowable load shall be what the rear axle may be rated to carry.

Tire Pressure Monitor

The apparatus shall be provided with tire pressure indicating valve stem caps. The indicators shall be installed on each tire and be a heavy duty design manufactured specifically for trucks. When tire is properly inflated, the indicator inside the cap shall be green, and when the tire is underinflated by 10%, the indicator inside the cap shall be red.

Ford F550 or Dodge 5500 Engine

FORD F550 6.7L V8 Diesel Engine or DODGE 5500 6.7L V8 Cummins Diesel Engine

Rear Tow Eyes

Two (2) heavy duty tow eyes made of 3/4" minimum (0.75") thick steel having 2.5" diameter holes shall be bolted directly to the rear of the frame to allow towing (not lifting) of the apparatus. The tow eyes shall be protruding into the rear compartment or out the rear of the body. The tow eyes shall be painted chassis black.

Tow Hooks

The chassis shall have two (2) forward frame mounted tow hooks.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Cab Running Boards

Chassis running boards shall be constructed of formed and welded 1/8" aluminum tread brite. Running boards shall extend from the rear of the front fenders to the rear door post.

All step surfaces provided with a multi-directional, aggressive gripping surface (Gator Grip) incorporated into the aluminum smooth plate in accordance with current NFPA 1901.

Cab Model

Ford or Dodge Commercial Cab and Chassis 2DR F550 or 5500 **4X4**

Logo Package

The apparatus shall have manufacturer logos provided on the cab and body as applicable.

Label ``Diesel Fuel Only``

Located above each fuel filler housing shall be a metallic label that designates "Diesel Fuel Only" requirements. It shall be black with white or equivalent contrasting letters a minimum of 1/2" high.

Seating Capacity Tag

A tag that is in view of the driver stating seating capacity of two (2) personnel shall be provided.

Cab Console

A cab mounted console shall be provided. The console shall be for mounting switching and/or in-cab controlled items as applicable. The console shall be centrally located and shall allow the driver and/or officer access to all components while seated with seat belts secured.

The console shall be constructed of aluminum smooth plate with a sanded finish. The top surface shall have a non-reflective material for increased visibility of labels and controls.

All switches located on the console shall be clearly labeled and shall be back lit for easy operation and visibility.

Battery Charger Receptacle

A 20 amp battery charger receptacle shall be installed in the specified location.

The receptacle shall be located driver side front compartment face.

The cover color shall be Red.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Battery Charger

A 20amp Kussmaul or equivalent battery charger with remote mounted LED display shall be installed.

A fully automatic charging system shall be installed on the apparatus. The system shall have a 120 volt, 60 hertz, 7 amp AC input with an output of 20 amps 12 volts DC. The battery charging system shall be connected directly to the shoreline to ensure the batteries remain fully charged while the vehicle is in the fire station or firehouse.

The system shall include a remote charging status indicator panel. The panel shall consist of two (2) LED lights to provide a visual signal if battery voltage is good or drops below 11.5 volts. The microprocessor shall be continuously powered from the battery to provide the charge status.

10 inch tailboard

10" tailboard made out of 1/8" diamond plate, supported by T6 extrusions. Tailboard is gator grip and runs full width of the body. The tailboard is bolted to the body.

Driver Side Assembly

Driver Side Compartments

There shall be three (3) compartments. The compartments shall be modular in design and shall not be a part of the body support structure.

There shall be one (1) compartment located ahead of the rear wheels. This compartment shall be approximately 19.5" wide x 62" high x 21.5" deep. The compartment shall contain approximately 15 cu. ft. of combined storage space. The door opening shall be approximately 17.5" wide x 62" high.

There shall be one (1) compartment located over the rear wheel. The compartment shall be approximately 40" wide x 37" high x 21.5" deep and contain approximately 18.4 cu. ft. of storage space. The door opening shall be approximately 40" wide x 35" high.

There shall be one (1) compartment located behind of the rear wheels. This compartment shall be approximately 31" wide x 62" high x 21.5" deep. The compartment shall contain approximately 23.9 cu. ft. of combined storage space. The door opening shall be approximately 28" wide x 62" high.

Each compartment seam shall be sealed using a permanent pliable silicone caulk. The walls of each compartment shall be machine-louvered for adequate ventilation.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Officer Side Assembly

Officer Side Compartments

There shall be three (3) compartments. The compartments shall be modular in design and shall not be a part of the body support structure.

There shall be one (1) compartment located ahead of the rear wheels. This compartment shall be approximately 19.5" wide x 62" high x 21.5" deep. The compartment shall contain approximately 15 cu. ft. of combined storage space. The door opening shall be approximately 17.5" wide x 62" high.

There shall be one (1) compartment located over the rear wheel. The compartment shall be approximately 40" wide x 37" high x 21.5" deep and contain approximately 18.4 cu. ft. of storage space. The door opening shall be approximately 40" wide x 35" high.

There shall be one (1) compartment located behind of the rear wheels. This compartment shall be approximately 31" wide x 62" high x 21.5" deep. The compartment shall contain approximately 23.9 cu. ft. of combined storage space. The door opening shall be approximately 28" wide x 62" high.

Each compartment seam shall be sealed using a permanent pliable silicone caulk. The walls of each compartment shall be machine-louvered for adequate ventilation.

Rear Body Assembly

Rear Body Compartment

There shall be a full height center rear compartment. The compartment shall be modular in design and shall not be a part of the body support structure.

The compartment shall be approximately 44" wide and shall vary in height and depth dependent upon water tank capacity.

The compartment seams shall be sealed using a permanent pliable silicone caulk. Machined louvers shall be provided for adequate ventilation.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Roll Up Compartment Door or Swinging Panel Doors

If a roll up door is provided:

ROM brand roll up doors shall be provided on a compartment up to 45" tall. The door(s) shall be installed in the following location(s): L2, R2, B1.

The Robinson door slats shall be double wall box frame and manufactured from anodized aluminum. The slats shall have interlocking end shoes on each slat. The slats shall have interlocking joints with a PVC/vinyl inner seal to prevent any metal to metal contact and inhibit moisture and dust penetration.

The track shall be painted aluminum with a finishing flange incorporated to provide a finished look around the perimeter of the door without additional trim or caulking. The track shall have a replaceable side seal to prevent water and dust from entering the compartment.

The doors shall be counterbalanced for ease in operation. A full width latch bar shall be operable with one hand, even with heavy gloves. Securing method shall be a positive latch device.

A magnetic type switch integral to the door shall be supplied for door ajar indication and compartment light activation.

The door opening shall be reduced by 2" in width and approximately 8-9" in height depending on door height.

If swinging Panel Doors are provided:

All compartment doors are to be painted body color.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Roll Up Compartment Door or Swinging Panel Doors

If a roll up door is provided:

ROM brand roll up doors shall be provided on a compartment greater than 45" tall. The door(s) shall be installed in the following location(s): L1, L3, R1, R3.

The Robinson door slats shall be double wall box frame and manufactured from anodized aluminum. The slats shall have interlocking end shoes on each slat. The slats shall have interlocking joints with a PVC/vinyl inner seal to prevent any metal to metal contact and inhibit moisture and dust penetration.

The track shall be painted aluminum with a finishing flange incorporated to provide a finished look around the perimeter of the door without additional trim or caulking. The track shall have a replaceable side seal to prevent water and dust from entering the compartment.

The doors shall be counterbalanced for ease in operation. A full width latch bar shall be operable with one hand, even with heavy gloves. Securing method shall be a positive latch device.

A magnetic type switch integral to the door shall be supplied for door ajar indication and compartment light activation.

The door opening shall be reduced by 2" in width and approximately 8-9" in height depending on door height.

If swinging Panel Doors are provided:

All compartment doors are to be painted body color.

Adjustable Shelf

There shall be an aluminum adjustable shelf provided for compartment L1, L2, L3, R2, R3.

The shelf shall be constructed of 3/16" (.187") minimum smooth aluminum plate. The shelf shall have a minimum 2" front and rear lips to accommodate optional plastic interlocking compartment tile systems. For additional strength and reinforcement of the shelf a return break shall be provided on the outward lip. The adjustable shelf shall be capable of holding 250 lbs.

The shelf shall be sized, width and depth, to match the size and location in the compartment.

Adjustable Tracks

Tracks shall be provided in L1, L2, L3, R2, R3 for use with adjustable shelves and/or trays in deep non-transverse compartments. The tracks shall be vertically mounted and attached to the side and/or rear walls of the compartments.

Slide-Out Tool Board

There shall be a vertical slide out tool board in compartment R2. It shall be a minimum of .188 thick with .203 diameter holes in a peg board pattern with 1.00 centers between holes. The board shall be mounted in the center of the compartment on slides or a pivoting device top and bottom for strength and ease of operation. The maximum load shall be 400 pounds. The device shall have a positive lock in the stowed and extended position.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Roll-Out Tray

If the booster reel is located in the dunnage area or over the hose bed area there shall be a floor mounted roll-out tray provided in compartment B1.

The roll-out tray shall be constructed of 3/16" (.187") smooth aluminum plate with a sanded finish and welded corners for increased strength and rigidity. The tray shall be sized in width and depth as applicable.

For greater tray accessibility, the drawer slides shall feature one hundred percent extension. The tray shall utilize a gas spring to secure the tray in the open or closed position.

The tray shall have a total capacity of 500 lbs.

Hose Bed Cover

A cover constructed of [#COL] 18 oz. PVC vinyl coated polyester shall be installed over the apparatus hose bed. The base fabric shall be 1000 x 1300 Denier Polyester with a fabric count of 20 x 20 square inch.

The front edge of the cover shall be mechanically attached to the body. The sides of the cover shall be held in place with heavy duty Velcro strips running the length of the hose bed. The rear of the cover shall have an integral flap that extends down to cover the rear of the hose bed. This flap shall be secured in place with heavy duty nylon straps to comply with the latest edition of NFPA 1901.

Vinyl Crosslay Cover

A cover constructed of [#COL] 18 oz. PVC vinyl coated polyester shall be installed on the crosslay. The base fabric shall be 1000 x 1300 Denier Polyester with a fabric count of 20 x 20 per square inch.

The cover shall be held in place across the top of the body by chrome snaps. The sides of the cover shall have integral flaps that extend down to cover the sides of the crosslay. The side flaps shall be secured in place to comply with the latest edition of NFPA 1901.

Pump Module Width

Pump module shall be approximately 76" wide.

Upper Pump Module

Aluminum extruded upper pump module with a forward area for a double crosslay and dunnage storage shall be provided. The upper pump module shall be constructed entirely of aluminum extrusions and interlocking aluminum plates. The upper pump module design and mounting shall allow the upper area of the pump module to be reconfigured to meet possible future needs or growth of the department. The exterior surface of the upper pump module shall have a sanded finish.

Crosslay Double Preconnect Storage

The upper pump module design shall include an area for a double stacked double crosslay. Each crosslay area shall have a capacity of 300' of 1.75" double jacket hose. The crosslay floor shall be constructed of 3/16" (.188) smooth aluminum plate and shall be slotted to prevent the accumulation of water and allow for ventilation of wet hose. One (1) 1/4" (.25") smooth aluminum plate non-adjustable divider with a sanded finish shall be provided to separate the two (2) hose storage areas.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Dunage Pan

A dunnage pan constructed of 3/16" (.188") aluminum treadplate shall be located rearward of the crosslays. The dunnage pan shall be sized to maximize available storage space.

Lower Pump Module

An aluminum extruded lower pump module shall be provided and located forward of the body. The pump module shall be constructed entirely of aluminum extrusions and interlocking aluminum plates. The pump module design and mounting shall be separate from the body to allow the pump module and body to move independently of each other in order to reduce stress from frame twisting and vibration. The exterior surface of the pump module shall have a sanded finish. The pump module panel opening shall be 31" in width.

Pump Module Running Boards

The pump module shall include a running board on each side of the pump module. The running boards shall be in accordance with NFPA in both step height and stepping surface. The maximum step height to each running board shall not exceed 24". The running boards shall be formed from 1/8" (.125") aluminum treadplate. Each running board shall include a multi-directional, aggressive gripping surface incorporated into the treadplate. The surface shall extend vertically from the diamond plate sheet a minimum of 1/8" (.125"). Gripping surfaces shall be circular in design, a minimum of 1" diameter and on centers not to exceed 4". Each running board shall be bolted on to the pump module and be easily removable for replacement in the case of damage.

Side Mount Pump Panels

The driver and officer side pump panels shall be constructed of 14 gauge stainless steel. Each panel shall have the ability to be removed from the module for easier access and for maintenance in the pump area.

Hinged Gauge Panel

The driver side stainless steel single gauge panel shall be positioned where it can be opened downward for access to gauges and other interior pump module mounted items. The gauge panel shall include latches to secure the panel in the closed position. Two (2) cable tethers shall be provided to hold the panel in the open position.

Pump Access Door

The officer side pump panel shall be vertically hinged.

The pump panels shall be securely attached with a vertical stainless steel piano type hinge with 1/4" pins along the forward edge of the pump module. The hinge shall be "staked" on every other knuckle to prevent the pin from sliding. The panels shall have push button style latches to secure the panels in the closed position and one (1) pneumatic shock to hold the upper panel in the open position.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Pump Panel Tags

Color coded pump panel labels shall be supplied to be in accordance with NFPA 1901 compliance.

Flex Joint

The area between the pump modules and body shall include a rubber flex joint.

300 Gallon Water Tank

A 300 gallon (U.S.) booster tank shall be supplied. The booster tank shall be of a pinned baffle design. The booster tank shall be completely removable without disturbing or dismounting the apparatus body structure.

The booster tank top, sides, and bottom shall be constructed of 1/2" (0.50") black UV-stabilized copolymer polypropylene. The copolymer polypropylene tank material shall be welded together utilizing thermoplastic welding technology. A clean hot air temperature controlled process, shall ensure that each weld reaches its plasticized state without cold or hot spots. The copolymer polypropylene material shall be used for its high strength and corrosion resistance for a prolonged tank life.

The booster tank shall have a fill tower with a rearward hinged lid. The fill tower shall be located in the forward area of the tank and shall assist with tank ventilation. The fill tower shall include a removable 1/4" (0.25") thick polypropylene screen.

The booster tank shall have two (2) tank plumbing openings. One (1) for a tank-to-pump suction line with an anti-swirl plate, and one (1) for a tank fill line. A 3" cleanout plug shall be provided at the bottom of the tank sump.

The booster tank shall include longitudinal and latitudinal baffles. The baffles shall be interlocking and thermo welded to the shell of the tank to minimize water surge during travel and provide enhanced road handling stability. The baffle design shall allow waterflow in accordance with NFPA during tank filling or pump operations.

A tank overflow pipe shall be provided and routed to dump behind the rear axle. The overflow pipe dumping location shall not affect the rear axle tire traction when moving forward.

The booster tank shall undergo extensive testing prior to installation in the truck. The testing shall include an electronic spark and tank fill test after both the internal and external tank shell welds are completed.

A lifetime manufacture's limited warranty shall be included.

Fill Tower Location

Fill tower(s) shall be located offset to officer side of water tank.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Tank Fill 2 Akron Valve

One (1) 2" pump-to-tank fill line having a 2" manually operated full flow valve. The valve control shall be located at the pump operator's panel and shall visually indicate the position of the valve at all times. The fill line shall be controlled using a chrome handle with an integral tag.

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

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

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

Tank to Pump

One (1) manually operated 3" Akron valve shall be installed between the pump suction and the booster tank. Includes flex hose with stainless steel hose clamps for connection to the 4" tank sump outlet. The valve control shall be located at the pump operator's panel and shall visually indicate the position of the valve at all times.

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

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

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

A check valve shall be provided in the tank to pump supply line to prevent the possibility of "back filling" the water tank. The valve control shall be located at the pump operator's panel and shall visually indicate the position of the valve at all times.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

30 Gallon Foam Tank

A 30 gallon (U.S.) foam cell for Class A foam shall be supplied. The foam cell shall be integral to the water tank.

The integral tank top, sides, and bottom shall be constructed of black UV-stabilized copolymer polypropylene. The copolymer polypropylene tank material shall be welded together utilizing thermoplastic welding technology. A clean hot air temperature controlled process, shall ensure that each weld reaches its plasticized state without cold or hot spots. The copolymer polypropylene material shall be used for its high strength and corrosion resistance for a prolonged tank life.

The foam tank shall have one (1) fill tower with a hinged lid. The foam fill tower shall include a stainless steel butterfly latch to secure the lid in the closed position and a pressure/vacuum vent mounted in the lid. The fill tower shall be located in the forward area of the tank. The fill tower shall include a removable 1/4" (0.25") thick polypropylene screen.

The foam tank shall undergo extensive testing prior to installation in the truck. The testing shall include an electronic spark and tank fill test after both the internal and external tank shell welds are completed.

A lifetime manufacture`s limited warranty shall be included. As this vehicle is intended to perform the function of a pumper with foam capability, foam tank capacity of less than 30 gallons shall not be acceptable.

Ladder Brand

The ladder brand capable of being carried on the unit shall be Alco-Lite.

Hard Suction Hose and Storage

Two (2) hard suction hose storage racks shall be provided on the driver side of the body. The racks shall be positioned with one (1) rack located beside the other.

The storage racks shall be constructed of anodized extruded aluminum and includes spring-mounted latch handles with stainless steel scuff plates (as needed). If needed, the scuff plates shall be located on the hose bed side to protect the painted surface.

The storage racks shall be capable of storing hard suction hose properly sized for the pump. Two (2) ten foot sections of hard suction hose matching pump capacity shall be provided.

Ladder Storage

Ladder storage officer side compartment top. Includes boot at forward compartment top and a hold-down for (1) 16` 2-section and (1) 10` roof ladder.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

NFPA Hose Bed Access

A Zico Quic-Ladder shall be provided for NFPA access to storage areas.

The ladder shall include a pull-out and swing down lower section. This shall allow for easier access from ground level and shall allow the ladder to be stowed parallel to the body.

The ladder shall have 10.75" wide cast aluminum rungs with a flat, non-skid surface to provide better traction during normal or wet conditions. **(The use of round rungs shall not be acceptable.)**

The outer hand rails shall be heavy walled aluminum tubing and shall have a grit type powder coating for increased gripping by personnel access or egress from the hose bed area. **(The use of smooth or rubber coated hand rails shall not be acceptable.)**

The ladder shall be positioned at the rear of body driver side. This position shall not block and/or obstruct rearward facing DOT and/or NFPA lighting. **(Lighting being blocked directly from the rear of the apparatus shall not be acceptable.)**

Rear Mud Flaps

The rear tires shall have a set of black mud flaps mounted behind the rear chassis wheels.

Hose Bed Capacity

The hose bed shall have an NFPA required cubic foot capacity.

Hosebed

The area above the booster tank shall have a hose storage area provided. The hosebed shall be constructed entirely from maintenance-free, 3/4" deep x 7.5" wide, extruded aluminum slats that shall be pop-riveted into a one-piece grid system. Each slat shall have all sharp edges removed and have an anodized ribbed top surface that shall prevent the accumulation of water and allow for ventilation of wet hose.

The hosebed shall include an open area for the fill tower(s). The hosebed design shall incorporate adjustable tracks in the forward area rearward of the fill tower(s) and the rearward area of the hosebed for the installation of an adjustable divider(s). The adjustable tracks shall hold an adjustable divider(s) mounting nut straight, so only a Philips head screwdriver is required to adjust a divider(s) from side to side (as is practical with other hosebed mounted equipment).

The hosebed shall be easily removable to allow access to the booster tank below.

Overall Height Restriction

The apparatus shall have no overall height restrictions.

Overall Length Restriction

The unit has no overall length restrictions.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Fuel Fill

A recessed fuel fill shall be provided by Ford and located at the driver side rear wheel well area.

Body Wheel Well

The body wheel well frame shall be constructed from 6063-T5 aluminum extrusion with a slot the full length to permit an internal fit of 1/8" (0.125") aluminum treadplate. The wheel well trim fenderett shall be constructed from 6063-T5 formed aluminum extrusion. The wheel well liners shall be constructed of a 3/16" (.187") composite material. The liners shall be bolt-on and shall provide a maintenance-free and damage-resistant surface.

Rub Rail

The pump area module(s) and body shall have rub rails mounted along the sides and at the rear. **

The rub rail shall be C-channel in design and constructed of 3/16" thick 6463T6 anodized aluminum extrusion. The rub rail shall be 2.75" high x 1.25" deep and shall extend beyond the body width to protect compartment doors and the body side. The rub rail depth shall allow marker and/or warning lights to be recessed inside for protection.

The top surface of the rub rail shall have minimum of five (5) raised serrations. Each serration being a minimum of .1" in height and with cross grooves to provide a slip-resistant edge for the tailboard step and pump module running board areas. The rub rail shall be mounted a minimum of 3/16" off the pump module and body with nylon spacers. The ends of each section shall be provided with a finished rounded corner piece.

Body Mainframe

The body mainframe shall be entirely constructed of aluminum. The complete framework shall be constructed of 6061T6 and 6063T5 aluminum alloy extrusions welded together using 5356 aluminum alloy welding wire.

The body mainframe shall include 3" x 3" 6061-T6 aluminum 3/8" (0.375") wall cross member extrusion or 3" x 3" I-beam section aluminum extrusion depending on the application at the front of the body. A solid 3" x 3" "I-beam" section aluminum extrusion shall be provided the full width of the body forward and rearward of the rear wheel well. The cross members shall be designed to support the compartment framing and shall be welded to 1-3/16" x 3" (1.188" x 3") solid 6063-T5 aluminum frame sill extrusions. The frame sill extrusions shall be shaped to contour with the chassis frame rails and shall be protected from contact with the chassis frame rails by 5/16" x 2" (0.31" x 2") fiber-reinforced rubber strips to prevent wear and galvanic corrosion caused when dissimilar metals come in contact.

Body Mounting System

The main body shall be attached to the chassis frame rails with six (6) of 5/8" (0.625") diameter steel U-bolts. This body mounting system shall be used to allow easy removal of the body for major repair or disassembly.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Water Tank Mounting System

The body design shall allow the booster tank to be completely removable without disturbing or dismounting the apparatus body structure. The water tank shall rest on top of a 3" x 3" frame assembly covered with rubber shock pads and corner braces formed from 3/16" angled plate to support the tank. The booster tank mounting system shall utilize a floating design to reduce stress from road travel and vibration. To maintain low vehicle center of gravity the water tank bottom shall be mounted within 5" of the frame rail top.

Hosebed Side Assembly

The hosebed side assemblies shall be made of 3" x 3" slotted aluminum extrusion and 3/16" (.188") smooth plate. The hosebed side assemblies shall provide a 80" high body.

The exterior hosebed side surface shall be completely sanded and deburred to assure a smooth finish and painted job color. The interior hosebed side surface shall be completely sanded and deburred to assure a smooth sanded finish.

Booster Reel and Equipment

One (1) electric rewind booster reel, with manual hand crank back up, equipped with 200 ft. of 3/4" best grade booster line with Bar-Way couplings. An Akron 1" Turbojet style 1702 nozzle shall be provided. The booster reel can be located on the top of the vehicle in the dunnage area, over the hose bed area or in the rear compartment. If mounted on the top of the vehicle roller guides shall be provided on both sides of the vehicle for easy access of deployment and rewind. A tulip bracket shall be provided on the driver's side pump panel to secure the nozzle if located on top the unit.

DEF Fill

Diesel Exhaust Fluid (DEF) fill shall be provided at the officer side pump panel.

Wheel Well SCBA Bottle Storage

There shall be three (3) compartments suitable for storage of spare SCBA cylinders located one on the left side forward wheel well area and two on the right side one forward and one rearward in wheel well area. One lap style brushed stainless steel gasketed access door with positive trigger latch mechanism shall be installed per compartment.

Pump

Pump and roll capability is preferred but not a requirement.

Pump Rating

The fire pump shall be rated at 500 GPM. Minimum.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Hale, Waterous, or Darley Pump will be accepted

The pump shall be a midship-splitshaft or PTO driven 500 TO 1000 gpm single stage centrifugal pump. The pump shall be mounted on the chassis frame rails.

The entire pump body and related parts shall be of fine grain alloy cast iron, with a minimum tensile strength of 30,000 PSI (207 Mpa). All metal moving parts in contact with water shall be of high quality bronze or stainless steel. Pump body shall be vertically on a single plane, for easy removal of impeller assembly, including clearance rings.

The pump impeller shall be hard, fine grain bronze of the mixed flow design; accurately machined, hand-ground, and individually balanced. The vanes of the impeller intake eye shall be hand-ground and polished to a sharp edge, and be of sufficient size and design to provide ample reserve capacity utilizing minimum horsepower.

The impeller shaft shall be constructed of heat-treated stainless steel and shall be rigidly supported by two (2) ball bearings for minimum deflection. Impeller clearance rings shall be bronze and easily removable without replacing impellers or pump volute body. The pump drive line shall be of heat-treated chrome nickel steel and shall withstand the full torque of the engine in both road and pump operating conditions. The entire pump, both suction and discharge passages, shall be hydrostatically tested to a pressure of 600 PSI.

Suction ports with NST male threads and removable screens shall be provided. Inlets shall come equipped with long handle chrome caps.

Discharge Manifold

The pump system shall utilize a stainless steel discharge manifold system that allows a direct flow of water to all discharge valves. The manifold and fabricated piping systems shall be constructed of a minimum of Schedule 10 stainless steel to reduce corrosion.

The apparatus manufacturer shall provide a full 10 year stainless steel plumbing components warranty. This warranty shall cover defects in materials or workmanship of apparatus manufacturer designed foam/water plumbing system stainless steel components for 10 years. A copy of the warranty document shall be provided with the proposal.

Priming System

The electrically-driven priming pump shall be a positive displacement vane type. One (1) priming control, located at the pump operator's position, shall open the priming valve and start the priming motor. The primer shall be oil-less type. The priming valve shall be electronically interlocked to the "Park Brake" circuit to allow priming of the pump before the pump is placed in gear.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Pump Shift

The pump shift shall be pneumatically-controlled using a power shifting cylinder.

The power shift control valve shall be mounted in the cab and be labeled ``PUMP SHIFT``. The apparatus transmission shift control shall be furnished with a positive lever, preventing accidental shifting of the chassis transmission.

A green indicator light shall be located in the cab and be labeled ``PUMP ENGAGED``. The light shall not activate until the pump shift has completed its full travel into pump engagement position.

A second green indicator light shall be located in the cab and be labeled ``OK TO PUMP``. This light shall be energized when both the pump shift has been completed and the chassis automatic transmission has obtained converter lockup (4th gear lockup).

One (1) pump panel-mounted ``GREEN`` indicator light shall be positioned above the throttle control on the pump operator`s panel. The light shall be energized when the pump shift has been completed, chassis automatic transmission has obtained converter lockup (4th gear lockup), and the chassis parking brake is set.

System

Two (2) test plugs shall be pump panel-mounted for third party testing of vacuum and pressures of the pump.

A master drain valve shall be installed and operated from the pump operator`s panel. The master pump drain assembly shall consist of a Class 1 bronze master drain with a rubber disc seal and turning handle. The manual Master Drain Valve shall have six (6) individually-sealed ports that allow quick and simultaneous draining of multiple intake and discharge lines. It shall be constructed of corrosion-resistant material and be capable of operating at a pressure of up to 600 PSI.

The master drain shall provide independent ports for low point drainage of the fire pump and auxiliary devices.

Auxiliary Engine Cooler

An engine cooler used to lower engine water temperature during prolonged pumping operations and controlled at the pump operator`s panel shall be provided.

The engine cooler shall be installed in the engine coolant system in such a manner as to allow cool pump water to circulate around engine water, thus forming a true heat exchanger action. Cooler inlet and outlet shall be continuous, preventing intermixing of engine coolant and pump water.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Pump Cooler

The pump shall have a 3/8" line installed from the pump discharge to the booster tank to allow a small amount of water to circulate through the pump casing in order to cool the pump during sustained periods of pump operation when water is not being discharged. The pump cooler line shall be controlled from the pump operator's panel by a 1/4" snubber valve.

Manual Master Drain

A manual master drain valve shall be installed and operated from the driver side. The master pump drain assembly shall consist of a Class 1 bronze master drain with a rubber disc seal.

The manual master drain valve shall have twelve (12) individually-sealed ports that allow quick and simultaneous draining of multiple intake and discharge lines. It shall be constructed of corrosion-resistant material and be capable of operating at a pressure of up to 600 PSI.

The master drain shall provide independent ports for low point drainage of the fire pump and auxiliary devices.

Left Intake 2.5 Akron Valve

One (1) 2-1/2" suction inlet with a manually operated 2-1/2" Akron valve shall be provided on the left side pump panel.

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

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

The outlet of the valve shall be connected to the suction side of the pump with the valve body located behind the pump panel. The valve shall come equipped with a brass inlet strainer, 2-1/2" NST female chrome inlet swivel, and shall be equipped with a chrome plated rockerlug plug with a retainer device.

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

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

A 3/4" bleeder valve assembly will be installed on the left side pump panel.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Intake Pressure Relief

A18 Series - PRESSURE RELIEF VALVE - TFT's pressure relief valve is adjustable from 50 to 250 psi (3 to 14 bar) with easy to see 25 psi (2 bar) increments. The aluminum casting is plastic impregnated, hardcoat anodized, and TFT powder coat finished inside and out for maximum corrosion protection. Works with Darley, Waterous, or Hale bolt hole patterns for direct use on pump flanges.

1.5 Single Crosslay Akron Valve[Qty: 2]

Two (2) single crosslay discharges shall be provided at the front area of the body. The crosslays shall each include one (1) 2" brass swivel with a 1-1/2" hose connection to permit the use of hose from either side of the apparatus.

The crosslay hose bed shall consist of a 2" heavy-duty hose coming from the pump discharge manifold to the 2" swivel. The hose shall be connected to a manually operated 2" Akron valve. The valve shall be an Akron 8800HD series with a 316 stainless steel ball and dual polymer seats for ease of operation and increased abrasion resistance. The valve shall have a self-locking ball feature using an automatic friction lock design to balance the stainless steel ball when in a throttle position with water flowing through it.

Each crosslay hose bed compartment shall hold 200 ft. of 1-3/4 double jacked hose.

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

The valve controls shall be located at the pump operator's panel and shall visually indicate the position of the valve at all times.

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

Location: crosslay 1 & 2.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Discharge Left Panel 2.5 Akron Droop

Two (2) 2-1/2" discharge outlets with a manually operated Akron valves shall be provided at the left hand side pump panel.

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

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

The valve control shall be located at the pump operator panel and shall visually indicate the position of the valve at all times.

The discharge shall extend out beyond the pump panel with a 30 degree downward angle with 2-1/2" NST threads to help prevent kinking of the discharge hose. The 30 degree chrome droop shall be an integral part of the discharge valve and shall be equipped with a chrome plated rockerlug cap with a retainer chain.

The discharge shall be supplied with a 3/4" bleeder valve assembly. The bleeder valve shall be installed to drain water from the gauge pressure line to prevent freezing of the line. The drain shall be controlled with a quarter-turn valve on the pump panel.

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

Location: left side discharge 1, left side discharge 2.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Discharge Right Panel 2.5 Akron Droop

One (1) 2-1/2" discharge outlet with a manually operated Akron valve shall be provided at the right side pump panel.

The discharge shall be equipped with a device that shall not allow the valve to open or close in less than three (3) seconds.

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

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

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

The discharge shall extend out beyond the pump panel with a 30 degree downward angle with chrome plated 2-1/2" NST threads to help prevent kinking of the discharge hose. The 30 degree chrome droop shall be an integral part of the discharge valve and shall be equipped with a chrome plated rockerlug cap with a retainer chain.

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

Location: right side discharge 1.

Bleeder Drain Valve

A 3/4" bleeder valve shall be provided for each. The bleeder valve lever shall be stainless steel and shall be a lift style handle for ease of operation. The drain shall be located at the main pump panel.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

FRC PumpBoss Pressure Governor

Fire Research PumpBoss model PBA400 pressure governor and monitoring display kit shall be installed. The standard kit shall include a control module, pump discharge pressure sensor, and cables. The control module case shall be waterproof and have dimensions not to exceed 6-3/4" high by 4-5/8" wide by 1-3/4" deep. Inputs for engine information shall be from a J1939 databus or from independent sensors and pump discharge pressure input shall be from a pressure sensor.

The following continuous displays shall be provided:

- * CHECK ENGINE and STOP ENGINE warning LEDs.
- * Engine RPM; shown with four daylight bright LED digits more than 1/2" high.
- * Engine OIL PRESSURE; shown on an LED bar graph display in 10 psi increments.
- * Engine TEMPERATURE; shown on an LED bar graph display in 10 degree increments.
- * BATTERY VOLTAGE; shown on an LED bar graph display in 0.5 volt increments.
- * PSI / RPM setting; shown on a dot matrix message display.
- * PSI and RPM mode LEDs.
- * THROTTLE READY LED.

A dot-matrix message display shall show diagnostic and warning messages as they occur. It shall show monitored apparatus information, stored data, and program options when selected by the operator.

The program shall store the accumulated operating hours for the pump and engine, previous incident hours, and current incident hours in a non-volatile memory. Stored elapsed hours shall be displayed at the push of a button. It shall monitor inputs and support audible and visual warning alarms for the following conditions:

- * Low Oil Pressure
- * High Engine Coolant Temperature
- * High Transmission Temperature
- * Low Battery Voltage (Engine Off)
- * Low Battery Voltage (Engine Running)
- * High Battery Voltage
- * High Engine RPM

The governor shall operate in two control modes; pressure and RPM. No discharge pressure or engine RPM variation shall occur when switching between modes. A control knob that uses optical technology shall adjust pressure or RPM settings. It shall be 2" in diameter with no mechanical stops, a serrated grip, and have a red idle push button in the center.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

A throttle ready LED shall light when the pump engaged interlock signal is recognized. The governor shall be in pressure mode and set the engine RPM to idle. In pressure mode the governor shall automatically regulate the discharge pressure at the level set by the operator. In RPM mode the governor shall maintain the engine RPM at the level set by the operator except in the event of a discharge pressure increase. The governor shall limit a discharge pressure increase in RPM mode to a maximum of 30 PSI. Other safety features shall include recognition of no water conditions with an automatic programmed response and a push button to return the engine to idle.

The pressure governor and monitoring display shall be programmed to interface with a specific engine.

The display module shall be mounted at the pump operator`s panel.

GAUGE IC 10 LED WATER TANK LEVEL

One (1) Innovative Controls brand water tank level gauge shall be located at the pump operator`s panel to provide a high-visibility display of the water tank level. Ten (10) high-intensity light emitting diodes (LED`s) on the display module shall have a 3-dimensional lens allowing the full, 3/4, 1/2, 1/4, and refill levels to be easily distinguished at a glance within full 180 degree visibility.

The display module shall be protected from vibration and contamination with the components being encased in an encapsulated plastic housing. The long life and extreme durability of LED indicators eliminates light bulb replacement and maintenance. Color coded cover plates shall complete the assembly of the display module to the pump panel. Each display level can be set independently for maximum reliability.

The display shall provide a steady indication of fluid level despite sloshing inside of the tank when the vehicle is in motion due to an “anti-slosh” feature.

GAUGE IC 10 LED FOAM TANK LEVEL

One (1) Innovative Controls brand foam tank level gauge shall be located at the pump operator`s panel to provide a high-visibility display of the foam tank level. Ten (10) high-intensity light emitting diodes (LEDs) on the display module shall have a 3-dimensional lens allowing the full, 3/4, 1/2, 1/4, and refill levels to be easily distinguished at a glance within full 180 degree visibility.

The display module shall be protected from vibration and contamination with the components being encased in an encapsulated plastic housing. The long life and extreme durability of LED indicators eliminates light bulb replacement and maintenance. Color coded cover plates shall complete the assembly of the display module to the pump panel. Each display level can be set independently for maximum reliability.

The display shall provide a steady indication of fluid level despite sloshing inside of the tank when the vehicle is in motion due to an “anti-slosh” feature.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Gauge Pressure 4.5" 30-0-400

Two (2) Class 1 weatherproof 4-1/2" compound vacuum pressure gauges with a range of 30-0-400 shall be installed on the pump panel. The gauges shall be filled with a liquid solution.

Gauge Pressure 2.5" 30-0-400

A Class 1 weatherproof 2-1/2" compound vacuum pressure gauge with a range of 30-0-400 shall be installed on the pump panel for each discharge. The gauges shall be filled with a liquid solution to assure visual reading to within 1% accuracy.

A Gauge shall be provided for the following discharges: 1.5 in. crosslay preconnects, left side discharge 1, left side discharge 2, right side discharge 1.

Foam System

A Hale FoamLogix 2.1A, 12 volt DC powered variable-speed electronic direct-injection foam-concentrate proportioning system with a 2.1 gpm foam concentrate pump shall be integrated into the apparatus to provide foam proportioning. The pump shall be capable of handling Class A foam concentrate only and be operated by a full-function panel mounted digital display.

The system shall operate via a paddlewheel flow sensor mounted in a 3 inch stainless steel double waterway check-valve manifold that includes a 1/2 inch chemical injection point check valve. This double check-valve assembly is required for backflow prevention and NFPA compliance. A single check valve assembly will not be permitted.

The inlet of this stainless steel manifold/double check-valve assembly will be connected to the fire pump, and the outlet connected to the foam capable discharge outlet(s) on the fire apparatus, as specified. The flow sensor/stainless steel foam manifold combination shall be capable of water or foam solution flow rates of 30 to 750 gpm.

The foam proportioning system shall be equipped with a panel mounted digital display control unit with a microprocessor that monitors total water flow and foam concentrate pump output to provide the operator preset proportional amount of foam concentrate injected on the discharge side of the fire pump. Total foam concentrate pump concentrate output shall be 2.1 gallons per minute. Proportioning rate is push-button set by the pump operator on the digital display from 0.1% to 1%, in 0.1% increments.

The digital display panel mounted electronic operator control unit shall provide concentrate injection readout in tenths of a percent while also being able to read water flow, total water flowed and total amount of foam concentrate used. The control shall flash a warning indicating low concentrate in the reservoir to the operator, and shall be able to shut off the concentrate pump to prevent damage to the pump. A bar graph on the control unit shall provide visual indication of system operating capacity and will indicate when capacity is exceeded.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Foam concentrate proportioning systems that do not have the above panel mounted digital display informational features will not be accepted.

The foam concentrate pump shall be fed concentrate by a non-metallic housing foam concentrate strainer that is equipped with a service shut-off valve.

The unit will be fed 12 volt DC power from the apparatus electrical system, and be equipped with a chassis frame ground strap, per the foam proportioner manufacturer's installation and operating instruction manual.

Foam System Certification

The foam system performance shall be tested and certified in compliance with 2009 NFPA 1901.

Foam System Plumbing

The specified foam system shall be plumbed to 1.5 first crosslay, 1.5 second crosslay, and booster reel.

Multiplex System

If the vehicle is supplied with a multiplex wiring system, the networked multiplex system shall meet the following minimum component requirements:

- The network system must be Peer to Peer technology based on RS485 protocol. No one module shall hold the programming for other modules. One or two modules on a network referred to as Peer to Peer, while the rest of the network consists of a one master and several slaves is not considered Peer to Peer for this application.
- Modules shall be IP67 rated to handle the extreme operating environment found in the fire service industry.
- All modules shall be solid state circuitry utilizing MOS-FET technology and utilize Deutsch series input/output connectors.
- Each module that controls a device shall hold its own configuration program.
- Each module should be able to function as a standalone module. No "add-on" module will be acceptable to achieve this form of operation.
- Load shedding power management (8 levels).
- Switch input capability for chassis functions.
- Responsible for lighting device activation.
- Self-contained diagnostic indicators.
- Wire harness needed to interface electrical devices with multiplex modules.
- The grounds from each device should return to main ground trunk in each sub harness by the use of ultrasonic splices.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Wiring

All harnessing, wiring and connectors shall be manufactured to the following standards/guidelines. No exceptions.

- NFPA 1901-Standard for Automotive Fire Apparatus
- SAE J1127 and J1127
- IPC/WHMA-A-620 – Requirements and Acceptance for Cable and Wire Harness Assemblies. (Class 3 – High Performance Electronic Products)

All wiring shall be copper or copper alloys of a gauge rated to carry 125 of the maximum current for which the circuit is protected. Insulated wire and cable 8 gauge and smaller shall be SXL, GXL, or TXL per SAE J1128. Conductors 6 gauge and larger shall be SXL or SGT per SAE J1127.

All wiring shall be colored coded and imprinted with the circuits function. Minimum height of imprinted characters shall not be less than .082” plus or minus .01”. The imprinted characters shall repeat at a distance not greater than 3”.

A coil of wire shall be provided behind electrical appliances to allow them to be pulled away from mounting area for inspection and service work.

Wiring Protection

The overall covering of the conductors shall be loom or braid.

Braid style wiring covers shall be constructed using a woven PVC-coated nylon multifilament braiding yarn. The yarn shall have a diameter of no less than .04” and a tensile strength of 22 lbs. The yarn shall have a service temperature rating of -65 F to 194 F. The braid shall consist of 24 strands of yarn with 21 black and 3 yellow. The yellow shall be oriented the same and be next to each other.

Wiring loom shall be flame retardant black nylon. The loom shall have a service temperature of -40 F to 300 F and be secured to the wire bundle with adhesive-backed vinyl tape.

Wiring Connectors

All connectors shall be Deutsch series unless a different series of connector is needed to mate to a supplier’s component. The connectors and terminals shall be assembled per the connector/terminal manufacturer’s specification. Crimble/Solderless terminals shall be acceptable. Heat shrink style shall be utilized unless used within the confines of the cab.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

NFPA Required Testing of Electrical System

The apparatus shall be electrical tested upon completion of the vehicle and prior to delivery. The electrical testing, certifications, and test results shall be submitted with delivery documentation per requirements of NFPA 1901. The following minimum testing shall be completed by the apparatus manufacturer:

1. Reserve capacity test:

The engine shall be started and kept running until the engine and engine compartment temperatures are stabilized at normal operating temperatures and the battery system is fully charged. The engine shall be shut off and the minimum continuous electrical load shall be activated for ten (10) minutes. All electrical loads shall be turned off prior to attempting to restart the engine. The battery system shall then be capable of restarting the engine. Failure to restart the engine shall be considered a test fail.

2. Alternator performance test at idle:

The minimum continuous electrical load shall be activated with the engine running at idle speed. The engine temperature shall be stabilized at normal operating temperature. The battery system shall be tested to detect the presence of battery discharge current. The detection of battery discharge current shall be considered a test failure.

3. Alternator performance test at full load:

The total continuous electrical load shall be activated with the engine running up to the engine manufacturer's governed speed. The test duration shall be a minimum of two (2) hours. Activation of the load management system shall be permitted during this test. However, an alarm sounded by excessive battery discharge, as detected by the system required in NFPA 1901 Standard, or a system voltage of less than 11.7 volts DC for a 12 volt nominal system, for more than 120 seconds, shall be considered a test failure.

4. Low voltage alarm test:

Following the completion of the above tests, the engine shall be shut off. The total continuous electrical load shall be activated and shall continue to be applied until the excessive battery discharge alarm activates. The battery voltage shall be measured at the battery terminals. With the load still applied, a reading of less than 11.7 volts DC for a 12 volt nominal system shall be considered a test failure. The battery system shall then be able to restart the engine. Failure to restart the engine shall be considered a test failure.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

NFPA Required Documentation

The following documentation shall be provided on delivery of the apparatus:

- A. Documentation of the electrical system performance tests required above.
- B. A written load analysis, including:
 - a. The nameplate rating of the alternator.
 - b. The alternator rating under the conditions.
 - c. Each specified component load.
 - d. Individual intermittent loads.

Vehicle Data Recorder

Data Recorder

A vehicle data recorder system shall be provided to comply with NFPA 1901, 2009 edition. The following data shall be monitored:

- Vehicle speed MPH
- Acceleration (from speedometer) MPH/Sec.
- Deceleration (from speedometer) MPH/Sec.
- Engine speed RPM
- Engine throttle position % of full throttle
- ABS Event On/Off
- Seat occupied status Occupied Yes/No by position
- Seat belt status Buckled Yes/No by position
- Master Optical Warning Device Switch On/Off
- Time 24 hour time
- Date Year/Month/Day

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Occupant Detection System

There shall be a visual and audible warning system installed in the cab that indicates the occupant buckle status of all cab seating positions that are designed to be occupied during vehicle movement.

The audible warning shall activate when the vehicle's park brake is released and a seat position is not in a valid state. A valid state is defined as a seat that is unoccupied and the seat belt is unbuckled, or one that has the seat belt buckled after the seat has been occupied.

The visual warning shall consist of a graphical display that will continuously indicate the validity of each seat position.

The system shall include a display panel with LED back-lit ISO indicators for each seating position, seat sensor and safety belt latch switch for each cab seating position, audible alarm and braided wiring harness.

Multiplex Display

The V-MUX multiplex electrical system shall include a text display.

The display shall have the following features:

- Rugged vacuum fluorescent technology
- Two twenty character lines
- Programmed to show door ajar status and diagnostic information

The display shall be located center console.

Light Bar

A Whelen Justice series 56" all LED light bar model JE2NFPA shall be installed. The light bar shall consist of four (4) corner facing LIN6 red LED modules, six (6) forward facing CON3 Linear LED modules, four (4) red / two (2) white, and MKEZ7 mounts.

Lens color: Clear.

The white LEDs shall be switched off in blocking right of way mode.

The light bar shall be installed in the following location: Centered on the front cab roof.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Lower Level Warning Light Package

Six (6) Whelen M6R Super LED red light heads and four (4) Whelen M2R Super LED red light heads shall be provided.

The lights shall include chrome flanges where applicable. The lights shall be wired with weatherproof connectors and shall be mounted as close to the corner points of the apparatus as is practical as follows:

- Two (2) Whelen M6R Super LED Red lights on the front of the apparatus facing forward
- Two (2) Whelen M6R Super LED Red lights on the rear of the apparatus facing rearward
- Two (2) lights each side of the apparatus, one (1) Whelen M2R Super LED Red each side at the forward most point (as practical), and one (1) Whelen M2R Super LED Red each side at the rearward most point (as practical).
- One (1) Whelen M6R Super LED Red light each side of the apparatus centrally located to provide mid ship warning light.

The side facing lights shall be located at forward most position, centered in rear wheel well, and side facing at rear of body in rubrail if equipped.

All warning devices shall be surface mounted in compliance with NFPA standards.

Upper Rear Warning Lights

Two (2) Whelen model L31H Super LED beacons with Red domes shall be supplied.

The lights shall be located rear upper body on aerial style brackets to meet Zone C upper requirements.

Electronic Siren

A Federal PA300 siren model 690010 solid state electronic siren with attached noise-canceling microphone shall be installed. The unit shall be capable of driving a single high power speaker up to 200 watts to achieve a sound output level that meets Class "A" requirements.

Operating modes shall include Hi-Lo, yelp, wail, P.A., air horn and radio re-broadcast.

The siren shall be recessed mounted in the cab.

Electronic Siren Control Location

The electronic siren control shall be located in the center console.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Siren Speaker

One (1) Federal Signal model ES100 Dynamax 100 watt speaker shall be flush mounted as far forward and as low as possible on the front of the vehicle.

Speaker dimensions shall be: 5.5 in. high x 5.9 in. wide x 2.5 in. deep. Weight = 5.5 lbs.

The speaker shall produce a minimum sound output of 120 dB at 10 feet to meet current NFPA 1901 requirements.

The speaker shall be located driver side front bumper.

License Plate Light

One (1) Truck-Lite model 15905 white LED license plate light mounted in a Truck-Lite model 15732 chrome plated plastic license plate housing shall be mounted at the rear of the body.

Tail Lights

Three (3) Whelen 600 series LED (Light Emitting Diode) lights shall be installed in a Cast3 housing in a vertical position, each side at the rear of the body and wired with weatherproof connectors.

Light functions shall be as follows:

- LED red running light with red brake light in upper position.
- LED populated amber arrow pattern turn signal in middle position.
- LED clear back-up light in lower position.

A one-piece polished aluminum trim casting shall be mounted around the three (3) individual lights in a vertical position.

License Plate Bracket

There shall be bracket fabricated from aluminum diamond plate, secured to rear of the body to accommodate a license plate.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Marker Light Package

A TeqNiq LED body marker light package model S330 shall be provided.

Red # S33-RR00-1

Amber # S33-AA00-1

Lights shall be installed as specified.

Upper Body:

- Two (2) lights: (1) One Red on back of body to each side corner facing aft.
- Two (2) lights: (1) One Red each side of body to rear corner.
- Two (2) lights: (1) One Amber each side forward body corner.

Lower Body:

- Three (3) lights: Red centered on back of body recessed in rubrail.
- Two (2) lights: (1) Red each side at the trailing edge of apparatus body, recessed in rubrail.
- Two (2) lights: (1) Amber each side front of body to the side recessed in the rubrail.

Ground Lights

The apparatus shall be equipped with a sufficient quantity of lights to properly illuminate the ground areas around the apparatus in accordance with current NFPA requirements. The lights shall be EON LED (Light Emitting Diode) with clear lenses. The wiring connections shall be made with a weather resistant plug in style connector.

One (1) light shall be supplied to illuminate the ground below each cab door. Lights in areas under the driver and crew area exits shall be activated automatically when the exit doors are opened.

One (1) ground light shall be supplied under each side of the pump panel area (if equipped).

One (1) ground light shall be installed below each side body staircase (if equipped).

Three (3) ground lights shall be supplied under the rear of the apparatus.

Ground area lights shall be switched from the cab dash with the work light switch.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Compartment Light Package

One (1) ROM V4 compartment light strip shall be mounted in each body compartment greater than 4 cu. ft. Transverse compartments shall have two (2) lights, located one (1) each side.

Each light bar shall include super bright white LEDs mounted to circuit boards that have acrylic conformal coating for corrosion protection. The LED circuit boards shall be mounted to an extruded aluminum base with lexan lens. The lights shall produce 250 lumens per foot and be waterproof up to 1 meter (3.3 feet).

Compartment lights shall be wired to a master on/off rocker switch on the cab switch panel.

The wiring connection for the compartment lights shall be made with a weather-resistant plug in style connector. A single water and corrosion-resistant switch with a polycarbonate actuator and sealed contacts shall control each compartment light. The switch shall allow the light to illuminate if the compartment door is open.

Hose Bed Light

A Truck-Lite round LED light model 81380 shall be installed at the front area of the hose bed to provide hose bed lighting per current NFPA 1901. The hose bed light shall be switched with the work light switch in the cab.

Scene Lights

Two (2) Federal GHSCENE lights with clear lenses shall be provided. Each light shall include (2) 20 watt halogen fixtures within the light housing. Both lights, within each housing, shall be adjustable horizontally and vertically to provide desired coverage. All electrical connectors are to be enclosed in the housing providing protection against the elements.

The lights shall be 12VDC, 40 watts, and provide 1050 candelas.

Lights shall be located (1) each side of body rear facing up high and switched in cab (side facing lights switched separately).

Crosslay Light

A Truck-Lite round LED light model 81380 shall be installed at the rear area of the crosslay to provide crosslay lighting per current NFPA 1901. The crosslay light shall be switched with the work light switch in the cab.

Pump Panel Light Package

Six (6) LED pump panel lights shall be provided. The lights shall be located three (3) each side under a light shield directly above the left and right side pump panels. The lights shall be Tecniq EON with polished stainless steel housings. The light shields shall be formed from 14 gauge brushed finish stainless steel. The work light switch in the cab shall activate the lights when the park brake is set.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Pump Compartment Light

An LED light shall be provided in the pump compartment area for NFPA compliance. The light shall be a Tecniq EON with polished stainless steel housing. The light shall be wired to the work light.

Back-Up Alarm

An electronic back-up alarm shall be supplied. The 97 dB alarm shall be wired into the chassis back-up lights to signal when the vehicle is in reverse gear.

Electrical Location

Locate multiplex electrical components recessed between frame rails at rear of body.

DOT Required Drive Away Kit

Three (3) triangular warning reflectors with carrying case shall be supplied to satisfy the DOT requirement.

Un-Painted Pump/Pre-Connect Module(s)

All applicable pump application modules shall have a sanded finish (not painted job color). Includes upper and lower pump modules, crosswalk module and/or speedlay/pre-connect module (as applicable). Rear mounted body/pump module shall be painted job color.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Paint Body Small

The apparatus body shall be painted RED The paint process shall meet or exceed current state regulations concerning paint operations. Pollution control shall include measures to protect the atmosphere, water, and soil. Contractor shall, upon demand, provide evidence that the manufacturing facility is in compliance with State EPA rules and regulations.

The aluminum body exterior shall have no mounted components prior to painting to assure full coverage of metal treatments and paint to the exterior surfaces of the body. Any vertically or horizontally hinged smooth-plate compartment doors shall be painted separately to assure proper paint coverage on body, door jambs and door edges.

Paint process shall feature Sikkens high solid LV products and be performed in the following steps:

- Corrosion Prevention - all aluminum surfaces shall be pre-treated with the Alodine 5700 conversion coating to provide superior corrosion resistance and excellent adhesion of the base coat.
- Sikkens Sealer/Primer LV - acrylic urethane sealer/primer shall be applied to guarantee excellent gloss hold-out, chip resistance and a uniform base color.
- Sikkens High Solid LVBT650 (Base coat) - a lead-free, chromate-free high solid acrylic urethane base coat shall be applied, providing excellent coverage and durability. A minimum of two (2) coats shall be applied.
- Sikkens High Solid LVBT650 (Clear coat) - high solid LV clear coat shall be applied as the final step in order to ensure full gloss and color retention and durability. A minimum of two (2) coats shall be applied.

Any location where aluminum is penetrated after painting, for the purpose of mounting steps, hand rails, doors, lights, or other specified components shall be treated at the point of penetration with a corrosion inhibiting pre-treatment (ECK Corrosion Control). The pre-treatment shall be applied to the aluminum sheet metal or aluminum extrusions in all locations where the aluminum has been penetrated. All hardware used in mounting steps, hand rails, doors, lights, or other specified components shall be individually treated with the corrosion inhibiting pre-treatment.

After the paint process is complete, the gloss rating of the unit shall be tested with a 20 degree gloss meter. Coating thickness shall be measured with a digital MIL gauge and the orange peel with a digital wave scan device.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

Cab and Body Scotchlite Striping

A straight Scotchlite reflective stripe, 4" minimum in width, shall be applied horizontally around the cab and body to comply with NFPA 1901. The color and location of the stripe to be specified by the purchaser.

Location: bottom of stripe flush with bottom of cab and straight back.

Color: White.

Rear Body Scotchlite Striping

Printed chevron style Scotchlite striping shall be provided on the rear of the apparatus. The stripes shall consist of 6" [#COL] alternating stripes in an "A" pattern. The striping shall be located on the rear facing extrusions, panels, doors and inboard/outboard of the beavertails if applicable.

3 Year Warranty

The apparatus manufacturer shall provide a full three (3)-year warranty. All components manufactured by the apparatus manufacturer shall be covered against defects in materials or workmanship for a 3-year period. This warranty shall also cover the installation of systems and installation of components installed by the manufacture. All components covered by separate suppliers such as engines, transmissions, tires, and batteries shall maintain the warranty as provided by the component supplier. A copy of the warranty document shall be provided with the proposal.

5 Year Warranty

Pricing for an additional two (2) years of warranty for a total of five (5) years for all components manufactured by the apparatus manufacturer shall be provided as an option.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes No

10 Year 100,000 Mile Structural Warranty

The apparatus manufacturer shall provide a comprehensive 10 year/100,000 mile structural warranty. This warranty shall cover all structural components of the cab and/or body manufactured by the apparatus manufacturer against defects in materials or workmanship for 10 years or 100,000 miles, whichever occurs first. Excluded from this warranty are all hardware, mechanical items, electrical items, or paint finishes. A copy of the warranty document shall be provided with the proposal.

10 Year Paint and Corrosion Warranty

The apparatus manufacturer shall provide a 10-year limited paint and corrosion perforation warranty. This warranty shall cover paint peeling, cracking, blistering, and corrosion provided the vehicle is used in a normal and reasonable manner.

The paint shall be prorated for 10 years as follows:

<p>Topcoat & Appearance: Gloss, Color Retention, Cracking</p>	<p>Coating System, Adhesion & Corrosion: Includes Dissimilar metal corrosion, Flaking, Blistering, Bubbling</p>										
<table border="0"> <tr> <td style="padding-right: 20px;">0 to 72 months</td> <td style="padding-right: 20px;">100%</td> </tr> <tr> <td>73 to 120 months</td> <td>50%</td> </tr> </table>	0 to 72 months	100%	73 to 120 months	50%	<table border="0"> <tr> <td style="padding-right: 20px;">0 to 36 months</td> <td style="padding-right: 20px;">100%</td> </tr> <tr> <td>37 to 84 months</td> <td>50%</td> </tr> <tr> <td>85 to 120 months</td> <td>25%</td> </tr> </table>	0 to 36 months	100%	37 to 84 months	50%	85 to 120 months	25%
0 to 72 months	100%										
73 to 120 months	50%										
0 to 36 months	100%										
37 to 84 months	50%										
85 to 120 months	25%										

Corrosion perforation shall be covered 100% for 10 years. Corrosion perforation is defined as complete penetration through the exterior metal of the apparatus.

The warranty period shall begin upon delivery of the apparatus to the original user-purchaser. A copy of the warranty document shall be provided with the proposal.

UV paint fade shall be covered in a separate warranty supplied by Akzo Nobel (Sikkens) and shall be for a minimum of 10 years.

Mini Pumper / Brush Truck Specifications

Continued

Bidder State
Compliance

Yes

No

Electronic Manuals

Two (2) copies of all operator, service, and parts manuals MUST be supplied at the time of delivery in electronic format (CD-ROMs) -NO EXCEPTIONS! The electronic manuals shall include the following information:

- Operating Instructions, descriptions, specifications, and ratings of the cab, chassis, body, aerial (if applicable), installed components, and auxiliary systems.
- Warnings and cautions pertaining to the operation and maintenance of the fire apparatus and firefighting systems.
- Charts, tables, checklists, and illustrations relating to lubrication, cleaning, troubleshooting, diagnostics, and inspections.
- Instructions regarding the frequency and procedure for recommended maintenance.
- Maintenance instructions for the repair and replacement of installed components.
- Parts listing with descriptions and illustrations for identification.
- Warranty descriptions and coverage.

The CD-ROM shall incorporate a navigation page with electronic links to the operator`s manual, service manual, parts manual, and warranty information, as well as instructions on how to use the manual. Each copy shall include a table of contents with links to the specified documents or illustrations.

The CD must be formatted in such a manner as to allow not only the printing of the entire manual, but to also the cutting, pasting, or copying of individual documents to other electronic media, such as electronic mail, memos, and the like.

A find feature shall be included to allow for searches by text or by part number.

These electronic manuals shall be accessible from any computer operating system capable of supporting portable document format (PDF). Permanent copies of all pertinent data shall be kept file at both the local dealership and at the manufacturer`s location.

NOTE: Engine overhaul, engine parts, transmission overhaul, and transmission parts manuals are not included

Mini Pumper / Brush Truck Specifications

Continued

Bidder State Compliance

Yes No



Mini Pumper / Brush Truck Specifications

Continued

Bidder State Compliance	
Yes	No



STANDARD INSTRUCTIONS

1. The instructions contained herein shall be construed as a part of any proposal invitation and/or specifications issued by Rockdale County and must be followed by each proposer.
2. The written specifications contained in this proposal shall not be changed or superseded except by written addendum from Rockdale County. Failure to comply with the written specifications for this proposal may result in disqualification by Rockdale County.
3. All goods and materials shall be F.O.B. Destination Conyers, Georgia and no freight or postage charges will be paid by Rockdale County unless such charges are included in the proposal price.
4. The following number, **RFP# 15-11** must be written clearly on the outside of each proposal envelope in order to avoid prior opening in error.
5. All proposals must be received and in-hand at proposal due date and time. Each proposer assumes the responsibility for having his/her proposal received at the designated time and place of proposal due date. Proposals received after the stated time and date may be subject to rejection without consideration, regardless of postmark. Rockdale County accepts no responsibility for mail delivery.
6. Unless otherwise stated, all proposals submitted shall be valid and may not be withdrawn for a period of 120 days from the due date.
7. Each proposal form submitted must include the name of the business, mailing address, the name, title and signature of the person submitting the proposal. When submitting a proposal to Rockdale County the first page of your proposal package should be the proposal form listing the price, delivery date, etc., unless the proposal form is requested to be in a separate envelope.
8. Rockdale County reserves the right to accept a proposal that is not the lowest price if, in the County's judgment, such proposal is in the best interest of the County and the public. The County reserves the right to reject any and all proposals.
9. Telephone, Telegraphic or Facsimile proposals will not be accepted.
10. No sales tax will be charged on any orders except for contracts that include construction materials being purchased through a third party.
 - i. Federal I.D. #58-6000882
 - ii. Sales Tax Exempt #58-800068K
11. If applicable, completed questionnaires must be signed manually. Rockdale County reserves the right to accept or reject any proposal on the basis of incomplete or inaccurate answers to the questionnaire.
12. If applicable, warranty information shall be provided.
13. Proposers shall state delivery time after receiving order.
14. Proposers shall identify any subcontractors, and include an explanation of the service or product that they may provide.

GENERAL INFORMATION

No proposals received after said time or at any place other than the time and place as stated in the notice shall be considered. No responsibility shall attach to Rockdale County for the premature opening of a proposal not properly addressed and identified.

WITHDRAWAL OF PROPOSAL:

A proposer may withdraw his proposal before the proposal due date, without prejudice to the proposer, by submitting a written request of withdrawal to the Rockdale County Procurement Office.

REJECTION OF PROPOSAL:

Rockdale County may reject any and all proposals and must reject a proposal of any party who has been delinquent or unfaithful in any formal contract with Rockdale County. Also, the right is reserved to waive any irregularities or informalities in any proposal in the proposing procedure. Rockdale County shall be the sole judge as to which proposal is best, and in ascertaining this, will take into consideration the business integrity, financial resources, facilities for performing the work, and experience in similar operations of the various proposers.

STATEMENT OF EXPERIENCE AND QUALIFICATIONS:

The proposer may be required, upon request, to prove to the satisfaction of Rockdale County that he/she has the skill, experience, necessary facilities and ample financial resources to perform the contract(s) in a satisfactory manner and within the required time. If the available evidence of competency of any proposer is not satisfactory, the proposal of such proposer may be rejected. The successful proposer is required to comply with and abide by all applicable federal and state laws in effect at the time the contract is awarded.

NON-COLLUSION AFFIDAVIT:

By submitting a proposal, the proposer represents and warrants that such proposal is genuine and not sham or collusive or made in the interest or in behalf of any person not therein named, that the proposer has not directly or indirectly induced or solicited any other proposer to put in a sham proposal, or any other person, firm or corporation to refrain from proposing and that the proposer has not in any manner sought by collusion to secure to that proposer any advantage over any other proposer.

INTEREST OF:

By submitting a proposal, the proposer represents and warrants that a Commissioner, Administrator, employee, nor any other person employed by Rockdale County has, in any manner, an interest, directly or indirectly, in the proposal or in the contract which may be made under it, or in any expected profits to arise there from.

DOCUMENTS DEEMED PART OF THE CONTRACT:

The notice, invitation to proposers, general conditions, and instructions for proposers, special conditions, specifications, proposal, and addenda, if any, will be deemed part of the contract.

BID FORM – RFP# 15-11

Instructions: Complete all THREE parts of this bid form.

PART I: Bid Summary

Complete the information below. If you wish to submit more than one brand, make a photocopy of this Bid Form.

1.		\$
2.		\$
3.		\$
4.		\$
5.		\$
6.		\$

PART II: Addenda Acknowledgements (if applicable)

Each vendor is responsible for determining that all addenda issued by the Rockdale County Finance Department have been received before submitting a bid.

Addenda	Date Vendor Received	Initials
"1"		
"2"		
"3"		
"4"		
"5"		
"6"		

PART III: Vendor Information:

Vendor Name	
Address	
Telephone	
E-Mail	
Representative (print name)	
Signature of Representative	
Date Submitted	

ROCKDALE COUNTY BOARD OF COMMISSIONERS
NON-COLLUSION AFFIDAVIT OF VENDOR

State of _____)

County of _____)

_____, being first duly sworn, deposes and says that:

(1) He is _____ (owner, partner officer, representative, or agent) of _____, the Vendor that has submitted the attached RFP;

(2) He is fully informed respecting the preparation and contents of the attached RFP and of all pertinent circumstances respecting such RFP;

(3) Such RFP is genuine and is not a collusive or sham RFP;

(4) Neither the said Vendor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affidavit, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Vendor, firm or person to submit a collusive or sham RFP in connection with the Contract for which the attached RFP has been submitted or refrain from proposing in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Vendor, firm or person to fix the price or prices in the attached RFP or of any other Vendor, or to fix any overhead, profit or cost element of the proposing price or the proposing price of any other Vendor, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against Rockdale County or any person interested in the proposed Contract; and

(5) The price or prices quoted in the attached RFP are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Vendor or any of its agents, representatives, owners, employees, or parties in interest, including this affidavit.

(Signed)

(Title)

Subscribed and Sworn to before me this _____ day of _____, 20

Name _____

Title _____

My commission expires (Date)

ROCKDALE COUNTY BOARD OF COMMISSIONERS
NON-COLLUSION AFFIDAVIT OF SUB-CONTRACTOR

State of _____)

County of _____)

_____, being first duly sworn, deposes and says that:

(1) He/She is _____ (owner, partner officer, representative, or agent) of _____, the sub-contractor that has submitted the attached RFP;

(2) He is fully informed respecting the preparation and contents of the attached RFP and of all pertinent circumstances respecting such RFP;

(3) Such RFP is genuine and is not a collusive or sham RFP;

(4) Neither the said sub-contractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affidavit, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Vendor, firm or person to submit a collusive or sham RFP in connection with the Contract for which the attached RFP has been submitted or refrain from proposing in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Vendor, firm or person to fix the price or prices in the attached RFP or of any other Vendor, or to fix any overhead, profit or cost element of the proposing price or the proposing price of any other Vendor, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against Rockdale County or any person interested in the proposed Contract; and

(5) The price or prices quoted in the attached RFP are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the sub-contractor or any of its agents, representatives, owners, employees, or parties in interest, including this affidavit.

(Signed)

(Title)

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

Name _____

Title _____

My commission expires (Date)

Contractor Affidavit under O.C.G.A. §13-10-91(b)(1)

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. §13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of (name of public employer) has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. §13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. §13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Contractor

Name of Project

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, ____, 201__ in _____(city), _____(state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____, 201__.

NOTARY PUBLIC
My Commission Expires:

Subcontractor Affidavit under O.C.G.A. § 13-10-91(b)(3)

By executing this affidavit, the undersigned subcontractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services under a contract with (name of contractor) on behalf of (name of public employer) has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned subcontractor will continue to use the federal work authorization program throughout the contract period and the undersigned subcontractor will contract for the physical performance of services in satisfaction of such contract only with sub-subcontractors who present an affidavit to the subcontractor with the information required by O.C.G.A. § 13-10-91(b). Additionally, the undersigned subcontractor will forward notice of the receipt of an affidavit from a sub-subcontractor to the contractor within five business days of receipt. If the undersigned subcontractor receives notice that a sub-subcontractor has received an affidavit from any other contracted sub-subcontractor, the undersigned subcontractor must forward, within five business days of receipt, a copy of the notice to the contractor. Subcontractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Subcontractor

Name of Project

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, ____, 201__ in _____(city), _____(state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____, 201__.

NOTARY PUBLIC
My Commission Expires:

Sub-subcontractor Affidavit under O.C.G.A. §13-10-91(b)(4)

By executing this affidavit, the undersigned sub-subcontractor verifies its compliance with O.C.G.A. §13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services under a contract for (name of subcontractor or sub-subcontractor with whom such sub-subcontractor has privity of contract) and (name of contractor) on behalf of (name of public employer) has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. §13-10-91. Furthermore, the undersigned sub-subcontractor will continue to use the federal work authorization program throughout the contract period and the undersigned sub-subcontractor will contract for the physical performance of services in satisfaction of such contract only with sub-subcontractors who present an affidavit to the sub-subcontractor with the information required by O.C.G.A. §13-10-91(b). The undersigned sub-subcontractor shall submit, at the time of such contract, this affidavit to (name of subcontractor or sub-subcontractor with whom such sub-subcontractor has privity of contract). Additionally, the undersigned sub-subcontractor will forward notice of the receipt of any affidavit from a sub-subcontractor to (name of subcontractor or sub-subcontractor with whom such sub-subcontractor has privity of contract). Sub-subcontractors hereby attest that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Sub-Subcontractor

Name of Project

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, ____, 201__ in _____(city), _____(state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____, 201__.

NOTARY PUBLIC

My Commission Expires: _____

Affidavit Verifying Status for County Public Benefit Application

By executing this affidavit under oath, as an applicant for the award of a contract with Rockdale, County Georgia, I _____ . [Name of natural person applying on behalf of individual, business, corporation, partnership, or other private entity] am stating the following as required by O.C.G.A. Section 50-36-1:

1) _____ I am a United States citizen

OR

2) _____ I am a legal permanent resident 18 years of age or older or I am an otherwise qualified alien or non-immigrant under the Federal Immigration and Nationality Act 18 years of age or older and lawfully present in the United States.*

In making the above representation under oath, I understand that any person who knowingly and willfully makes a false, fictitious, or fraudulent statement or representation in an affidavit shall be guilty of a violation of Code Section 16-10-20 of the Official Code of Georgia.

Signature of Applicant:

Date

Printed Name:

*

Alien Registration number for non-citizens

SUBSCRIBED AND SWORN
BEFORE ME ON THIS THE
_____ DAY OF _____, 20____.

Notary Public
My commission Expires:

***Note:** O.C.G.A. § 50-36-1(e)(2) requires that aliens under the federal Immigration and Nationality Act, Title 8 U.S.C., as amended, provide their registration number. Because legal permanent residents are included in the federal definition of “alien”, legal permanent residents must also provide their alien registration number. Qualified aliens that do not have an alien registration number may supply another identifying number below.

CONTRACTOR'S QUALIFICATION STATEMENT AND QUESTIONNAIRE

NAME OF PROPOSED CONTRACTOR: _____

I. INSTRUCTIONS

- A. For the purposes of this Questionnaire, "Contractor" refers to the company presenting a proposal for the purposes and scope of work outlined in the bid documents where said company would be hired as a contractor of the County for goods, services, and/or labor whether in the form of contracting, consulting, or vendor services.
- B. All questions are to be answered in full. If copies of other documents will answer the question completely, they may be attached and clearly labeled. If additional space is needed, additional pages may be attached and clearly labeled.
- B. The owner, Rockdale County, Georgia, its agents and representatives, shall be entitled to contact each and every reference listed in response to this questionnaire, and each entity referenced in any response to any question in this questionnaire. By completing this questionnaire, the contractor expressly agrees that any information concerning the contractor in possession of said entities and references may be made available to the owner.
- C. Only complete and accurate information shall be provided by the contractor. The contractor hereby warrants that, to the best of its knowledge and belief, the responses contained herein are true, accurate, and complete. The contractor also acknowledges that the owner is relying on the truth and accuracy of the responses contained herein. If it is later discovered that any material information given in response to a question was provided by the contractor, knowing it was false, it shall constitute grounds for immediate termination or rescission by the owner of any subsequent agreement between the owner and the contractor. The owner shall also have and retain any other remedies provided by law.
- D. This form, its completion by the contractor, and its use by the contractor, and its use by the owner, shall not give rise to any liability on the part of the owner to the contractor or any third party or person.

II. GENERAL BACKGROUND

- A. Current address of contractor: _____

- B. Previous Name or address of contractor: _____

- C. Current president or CEO and years in position: _____
- D. Number of permanent employees: _____
- E. Name and address of affiliated companies: _____

III. FINANCIAL STATUS

A. Please attach financial statements for the past three years for which they are complete. If such statements are not available, please furnish the following information:

1. LAST COMPLETE FISCAL YEAR:

A.	Revenues (Gross)	_____
B.	Expenditures (Gross)	_____
C.	Overhead & Admin (Gross)	_____
D.	Profit (Gross)	_____

2. YEAR PRIOR TO "1" ABOVE:

A.	Revenues (Gross)	_____
B.	Expenditures (Gross)	_____
C.	Overhead & Admin (Gross)	_____
D.	Profit (Gross)	_____

3. YEAR PRIOR TO "2" ABOVE:

A.	Revenues (Gross)	_____
B.	Expenditures (Gross)	_____
C.	Overhead & Admin (Gross)	_____
D.	Profit (Gross)	_____

B. BANKRUPTCIES

1. Has the Contractor, or any of its parents or subsidiaries, ever had a Bankruptcy Petition filed in its name, voluntarily or involuntarily? (If yes, specify date, circumstances, and resolution).

2. Has any Majority Shareholder ever had a Bankruptcy Petition filed in his/her name, voluntarily or involuntarily? (If yes, specify date, circumstances, and resolution).

3. _____

C. BONDING (IF APPLICABLE)

1. What is the Contractor's current bonding capacity? _____

2. What is the value of the Contractor's work currently under contract? _____

IV COMPANY EXPERIENCE – SIMILAR PROJECTS

A. List three projects and/or references of reasonably similar nature, scope, and duration to that requested in the bid documents that your company has performed in the last five years, specifying, where possible, the name and last known address of each owner of those projects:

Reference/Project #1:

Name and Address:

Date of Project:

Type of Project:

Cost of Project:

Client contact info:

Other contact info:

Reference/Project #2:

Name and Address:

Date of Project:

Type of Project:

Cost of Project:

Client contact info:

Other contact info:

Reference/Project #3:

Name and Address:

Date of Project:

Type of Project:

Cost of Project:

Client contact info:

Other contact info:

V ARBITRATIONS, LITIGATIONS, AND OTHER PROCEEDINGS

Has your company been involved in any arbitration demands _____
filed by, or against, you in the last five years?

Has your company been involved in any lawsuits (other than _____
labor or personal injury litigation) filed by, or against, you in the last five years?

Has your company been involved in any lawsuits, _____
proceedings, or hearings initiated by the National Labor Relations Board or similar state
agency in the past seven years?

Has your company been involved in any lawsuits, proceedings, or _____
hearings by the Occupational Safety and Health Administration concerning the project
safety practices in the last seven years?

Has your company be involved in any lawsuits, proceedings, _____
or hearings by the Internal Revenue Service, or any state revenue department, concerning
the tax liability (other than audits) in the last seven years?

Have any criminal proceedings or investigations been brought _____
against your company in the last ten years?

If you answered yes to any of the questions above, please identify the nature of the claim, the amount in dispute,
the parties, and the ultimate resolution of the proceeding (attach documentation if needed):

VI COMMENTS

Please list any additional information that you believe would assist the Owner in evaluating the possibility of using your company on this Project. You may attach such additional information as an Exhibit to this Statement and Questionnaire.

I certify to the Owner that the information and responses provided on this Questionnaire are true, accurate and complete. The Owner, or its designated representative, may contact any entity or reference listed in this Questionnaire. Each entity or reference may make any information concerning the Contractor available to the Owner, or its designated representative.

Contractor:

Signature

Date

Title

Sworn to and subscribed before me
This _____ day of _____

Signature

Notary Public

My Commission Expires:
