



Request for Proposals

RFP #22-22

Mid-mount Platform Quint Fire Truck



**CITY OF SOUTH PORTLAND MAINE
REQUEST FOR PROPOSALS
RFP #22-22
MID-MOUNT PLATFORM QUINT FIRE TRUCK**

The City of South Portland, Maine, is accepting proposals to manufacture and provide one Mid-Mount Platform Quint Fire Truck, which will be received until **2:00 PM on Tuesday, November 23, 2021**. Late proposals will not be accepted.

Proposals should be **submitted electronically**, with one hard copy sent to City of South Portland, 25 Cottage Road, South Portland, Maine, 04106, and marked as RFP#22-22 Fire Truck. **Electronic copies must be received by the deadline above.**

Vendors must be registered to submit a proposal. Proposals from vendors not registered with the City may be rejected; receipt of this document directly from the City indicates registration. To register, email cselberg@southportland.org. All proposals shall include the enclosed Proposal forms. Proposals will remain open for sixty (60) days after their opening.

Exceptions to specifications shall be reviewed in advance of receiving proposals. Vendors should submit all **questions and requests for alternates or exception** in writing via email and be received **no later than 12:00 p.m. EST on Thursday, November 4, 2021** to cselberg@southportland.org. Requests for alternates or exception should be made on the form provided in this RFP as **Attachment A**, supported with technical data, test results, or other pertinent information that allows the City to fully evaluate the request. Questions or requests received after this time will not be addressed. Responses to alternate or exceptions requests will be confirmed back to all registered vendors not later than November 12, 2021.

Responses that substantially alter this bid and determinations of requested alternates or exceptions will be issued in the form of a written addendum to all registered vendors. Oral explanations or interpretations given before the award of the contract will not be binding.

FEDERAL FUNDING

A portion of the funding for the purchase of this apparatus is from the Federal American Rescue Plan Act (ARPA) and as such is subject to requirements and regulations detailed in 2 CFR 200.317 through 200.326, and as shown on **Attachment B**. This includes certifications of anti-lobbying and federal non-debarment.

As required by Federal Law, and in keeping with good practice, the contractor agrees to pay each subcontractor for satisfactory performance of its work no later than thirty (30)

days from the receipt of each payment the prime contract receives from the City. The contractor agrees further to return retainage payments to each subcontractor within thirty (30) days after the subcontractor/s work is satisfactorily completed. Any delay or postponement of payment from the above referenced timeframe may occur only for good cause following written approval of the City.

BONDS AND INSURANCE

Proposals shall include a **Bid Bond** as security for the bid in the amount of 5% of the price proposed. This bid bond shall be issued by a Surety Company who is listed on the U.S. Treasury Departments list of acceptable sureties as published in Department Circular 570 for the faithful performance of the contract, including the Basic One (1) Year Limited Warranty, and for the prompt payment of labor and material furnished in the prosecution of the contract. This warranty bond shall be issued for the contract amount and shall remain in force for a term which is consistent with the term of the Basic One (1) Year Limited Warranty. Notwithstanding any document or assertion to the contrary, any surety bond related to the sale of a vehicle shall apply only to the Basic One (1) Year Limited Warranty for such vehicle. Any surety bond related to the sale of a vehicle shall not apply to any other warranties that are included within this bid (OEM or otherwise) or to the warranties (if any) of any third party of any part, component, attachment or accessory that is incorporated into or attached to the vehicle. In the event of any contradiction or inconsistency between this provision and any other document or assertion, this provision shall prevail.

The successful vendor shall furnish a **Performance and Payment bond (Bond)** equal to **100%** of the total contract amount within 30 days of the notice of award. Such Bond shall be in a form acceptable to the Owner and issued by a surety company included within the Department of Treasury's Listing of Approved Sureties (Department Circular 570) with a minimum A.M. Best Financial Strength Rating of A and Size Category of XV. In the event of a bond issued by a surety of a lesser Size Category, a minimum Financial Strength rating of A+ is required. Vendor and Vendor's surety agree that the Bond issued hereunder, whether expressly stated or not, also includes the surety's guarantee of the vehicle manufacturer's Basic One (1) Year Limited Warranty period included within this proposal. Owner agrees that the penal amount of this bond shall be simultaneously amended to 100% percent of the total contract amount upon satisfactory acceptance and delivery of the vehicle(s) included herein. Notwithstanding anything contained within this contract to the contrary, the surety's liability for any warranties of any type shall not exceed one (1) year

from the date of such satisfactory acceptance and delivery, or the actual Basic One (1) Year Limited Warranty period, whichever is shorter.

INSURANCE AND CONTRACT TERMS

The successful vendor shall defend any and all suits and assume all liability for the use of any patented process including any device or article forming a part of the apparatus or any appliance furnished under the contract. To ensure this will occur, the vendor shall carry the following minimum insurance.

The successful vendor shall, during the performance of the contract and for three (3) years following acceptance of the product, keep in force at least the following minimum limits of commercial general liability insurance:

- Each Occurrence \$1,000,000
- Products/Completed Operations Aggregate \$1,000,000
- Personal and Advertising Injury \$1,000,000
- General Aggregate \$5,000,000

Coverage shall be written on a Commercial General Liability form. The policy shall be written on an occurrence form and shall include Contractual Liability coverage for bodily injury and property damage subject to the terms and conditions of the policy. The policy shall include Owner as an additional insured when required by written contract.

The successful vendor shall, during the performance of the contract keep in force Commercial Liability Insurance with a minimum Each Accident Combined Single Limit of \$1,000,000. Coverage shall be written on a Commercial Automobile liability form.

The successful vendor shall, during the performance of the contract and for three (3) years following acceptance of the product, keep in force umbrella liability insurance with limits of at least a \$25,000,000 minimum Aggregate and \$25,000,000 for Each Occurrence. The umbrella policy shall be written on an occurrence basis and at a minimum provide excess to the Vendor's General Liability, Automobile Liability and Employer's Liability policies.

The required limits can be provided by one (1) or more policies provided all other insurance requirements are met. Coverage shall be provided by a carrier(s) rated A- or better by A.M. Bests. All policies shall provide a 30-day notice of cancellation to the named insured. The Certificate of Insurance shall provide the following cancellation clause: Should any of the

above described policies be cancelled before the expiration date thereof, notice shall be delivered in accordance with the policy provisions. Vendor agrees to furnish owner with a current Certificate of Insurance with the coverage's listed above along with its bid. The certificate shall show the purchaser as certificate holder.

By submitting a Proposal, the Proposer agrees to defend, indemnify and hold harmless the City and its officers, agents and employees from and against any and all liabilities, damages, claims, demands, liens, encumbrances, judgments, awards, losses, costs, expenses, and suits or actions or proceedings, including attorney's fees arising out of or resulting from the submittal, evaluation, award, or other performance of any acts or omissions concerning this RFP and contract award, if any.

Termination for Convenience. The performance of work under this Agreement may be terminated by the City at any time for its convenience, including incidents of non-appropriation or withdrawal of funding.

Termination for Breach or Default. The City may, by written notice of default to the Contractor, terminate the whole or any part of this Agreement if the Contractor fails to meet the provisions of the Agreement, or so fails to make progress as to endanger performance of this Agreement.

The City is exempt from federal and state excise, sales and use taxes. Said taxes shall not be included in the price proposal for this RFP.

The City reserves the right to waive any informalities in proposals and to reject any or all proposals, should it be deemed for the best interest of City to do so. The City reserves the right to substantiate the proposer's qualifications, capability to perform, availability, past performance record, and to determine any specific Proposal that is conditional or not prepared in accordance with the instructions and requirements of this RFP to be nonresponsive.

October 21, 2021

Proposals are expected to be submitted in complete form. If a proposer fails to respond adequately to CITY's request for clarification of a proposal, or request for supplemental data, within the prescribed period, the proposal may be rejected as non-responsive.

SECTION I: GENERAL INFORMATION

The City of South Portland Maine is requesting proposals from qualified vendors to provide the City with a Mid-mount Aerial Tower Quint Fire Truck which will be housed at its Willard Square station. The location of this apparatus, necessitated by its proximity to commercial oil tank farm and concentration of taller building structures.

It is important for vendors to understand the operating and environmental climate the truck will operate in during its life. South Portland has dense neighborhoods with narrow streets, so maneuverability and compact design is an operational factor for providing efficient response. The City is located on the ocean and its vehicles are exposed to salt air. In addition, winter conditions are treated with salt and calcium on roadways. As expected, the truck also is exposed to various chemicals and substances that can harm finishes, components and framing. The financial investment in fire apparatus is significant, so it is the intent of the City to maximize preservation of its equipment and minimize capital repairs.

The City requires that all vendors must possess the ability to perform successfully under the terms and conditions of the contract, providing all necessary labor and equipment to complete and deliver the vehicle. The City reserves the right to reject any and all proposals, wholly or in part, and to award the project in a manner deemed in the best interest of the City.

The City shall conduct two factory inspection trips for 3 people each. The inspection trips shall be scheduled at times mutually agreed upon between the manufacturer's representative and the customer. All costs such as travel, lodging and meals shall be paid by the City.

SECTION II: REQUIREMENTS

Vendors proposing to this RFP agree to furnish and deliver a Mid-mount Platform Quint fire truck that meets the equipment specifications listed in Specification Details of this

RFP. These detailed specifications cover the requirements as to the type of construction, finish, equipment and tests to which the fire apparatus shall conform.

Proposals shall only be accepted from a qualified, single source, apparatus manufacturer. The definition of single source is a manufacturer that designs and manufactures their products using an integrated approach, including the chassis, cab weldment, cab, pump house (including the sheet metal enclosure, valve controls, piping and operators panel) body and aerial device being designed, fabricated and assembled on the vendor's premises. The electrical system (hardwire or multiplex) shall be both designed and integrated by the same apparatus manufacturer. The warranties relative to these major components (excluding component warranties such as engine, transmission, axles, pump, etc.) must be from a single source manufacturer and not split between manufacturers (i.e. body, pump house, cab weldment, chassis and aerial). The vendor shall provide evidence that they comply with this requirement. The vendor shall state the location of the factory where the apparatus is to be built.

The apparatus shall be designed in accordance with NFPA recommended standards for distribution of load between the front and rear axles.

Minimum specifications

The following describe the minimum specifications that must be met.

1. Maximum Height of 11'0"
2. Maximum Length of 43'
3. Minimum Engine Size:500hp, 1700lb-ft of torque, 6-cylinder diesel motor
4. Allison EVS Automatic Transmission
5. Minimum 95-105' Mid-mount Platform, Painted Red
6. Minimum 300 Gallon Water Tank
7. Minimum 1500 GPM Pump
8. Minimum 6 Passenger Tilt Cab
9. Minimum 1500 GPM Waterway
10. Compartment Doors Shall Be Hinged
11. Plumbed Bumper Line Capable of Holding minimum 75' of 1 ¾ Hose.
12. Frame and Cross Members must be guaranteed from corrosion
13. for the life of the apparatus
14. Water Tank Cross Cradle must be guaranteed from corrosion
15. Minimum 6K Hydraulic Generator
16. Three Plumbed Crosslays Capable of Two 200' 1 ¾ Each and One 200' of 2 ½
17. Hose Bed Shall Be Capable of holding 800' of 5" LDH

18. Independent front suspension
19. NFPA 1901 Compliant Federal and state DOT requirements, and OSHA regulatory and safety compliant.
20. A Class B foam system preferable “around the pump” style with minimum 30gpm foam concentrate flow rate

The manufacturer must have experience in building aerial platform fire trucks, and shall demonstrate this experience, including current units of the one being proposed and are in service.

Authorized dealers, the proposer must provide written certification with its proposal from the manufacturer (on manufacturer’s letterhead) stating it is an authorized service facility for the manufacturer for the apparatus offered.

Proposer must be able to demonstrate to the City’s satisfaction their capabilities including evidence that they possess adequate facilities to fully comply with the requirements of the contract prior to award and experience record regarding past performance and the ability to perform on schedule.

All steel welding shall follow American Welding Society D1.1-2004 recommendations for structural steel welding. All aluminum welding shall follow American Welding Society and ANSI D1.2-2003 requirements for structural welding of aluminum. All sheet metal welding shall follow American Welding Society B2.1-2000 requirements for structural welding of sheet metal.

The manufacturer shall also be certified to operate a Quality Management System under the requirements of ISO 9001. These standards sponsored by the International organization for Standardization (ISO) specify the quality systems that shall be established by the manufacturer for design, manufacture, installation and service. A copy of the certificate of compliance shall be included with the proposal. To insure proper break in of all components **vehicle shall be delivered under its own power to final destination** - rail or truck freight shall not be acceptable.

Training

1. The manufacturer shall supply at time of delivery, two (2) complete operation and maintenance manuals covering the complete apparatus as delivered. A permanent plate shall be mounted in the driver’s compartment which specifies the quantity and

type of fluid required including engine oil, hydraulic oil, engine coolant, transmission, pump transmission lubrication, pump primer and drive axle.

2. An apparatus safety video, in DVD format or via web access, shall be provided at time of delivery. This video shall address key safety considerations for personnel to follow when they are driving, operating, and maintaining the apparatus. Safety procedures for the following shall be included on the video: vehicle pre-trip inspection, chassis operation, pump operation, systems operation, aerial operation and maintenance.
3. A final approval drawing of the apparatus shall be prepared and submitted by the manufacturer to the purchaser showing any changes made to the approval drawing. An electrical wiring diagram, prepared for the model of chassis and body, shall be provided.
4. A qualified training engineer shall be provided by the vendor. The training engineer shall instruct the South Portland Fire Department personnel in the operation and maintenance of the chassis, pump, aerial, and foam operation for a period of not less than four (4) days.
5. The manufacturer shall offer regional factory hands-on repair and maintenance training classes. The manufacturer shall employ certified EVT technicians to provide technical assistance in the repair of fire apparatus.

Inspection, Certifications and Testing

1. The successful vendor shall provide inspection by an independent third party, who will meet approval of the City. Inspection services will include:
 - a. Comprehensive review of the bid documents with the factory order to ensure compliance.
 - b. Weekly progress reports including photographs of the apparatus or the major components as they are being constructed. The reports shall commence at the beginning of the manufacturing process and shall continue until just prior to the final inspection. The reports shall show the progress of the apparatus through the course of each week. Special attention shall be given to show the unique features and aspects of the apparatus as construction progresses.

- c. In addition, after the final inspection has been completed by the customer or third party, the third party inspector shall review all items noted in the inspection for completion prior to the apparatus leaving the manufacturing facility for delivery to the local service area for pre-delivery service.
2. Visual structural inspections shall be performed on all welds on both aluminum and steel ladders. On critical weld areas, or on any suspected defective area, the following tests shall be conducted: Magnetic particle inspection shall be conducted on steel aerials to assure the integrity of the weldments and to detect any flaws or weaknesses. Magnets shall be placed on each side of the weld while iron powder is placed on the weld itself. The powder shall detect any crack that may exist. This test shall conform to ASTM E709 and be performed prior to assembly of the aerial device.
3. A liquid penetrant test shall be conducted on aluminum aerials to assure the integrity of the weldments and to detect any flaws or weaknesses. This test shall conform to ASTM E165 and be performed prior to assembly of the aerial device.
4. Ultrasonic inspection shall be conducted on all aerials to detect any flaws in pins, bolts and other critical mounting components.
5. In addition to the tests above, functional tests, load tests, and stability tests shall be performed on all aerials. These tests shall determine any unusual deflection, noise, vibration, or instability characteristics of the unit.
6. The pump shall be tested, approved, and certified by Underwriter's Laboratory at the manufacturer's expense. The test results and the pump manufacturer's certification of hydrostatic test; the engine manufacturer's certified brake horsepower curve; and the manufacturer's record of pump construction details shall be forwarded to the Fire Department.
7. The generator shall be tested, approved, and certified by Underwriters Laboratories at the manufacturer's expense. The test results shall be provided to the Fire Department at the time of delivery.
8. Certification of slip resistance of all stepping, standing and walking surfaces shall

be supplied with delivery of the apparatus.

9. Placard confirming the vehicle is built to current NFPA standards. The apparatus, in its entirety, shall be third-party, independent, audit-certified through Underwriters Laboratory (UL) that it is built and complies to all applicable standards in the current edition of NFPA 1901. The certification includes: all design, production, operational, and performance testing of not only the apparatus, but those components that are installed on the apparatus. The placard shall be affixed in the driver's side area stating the third party agency, the date, the standard and the certificate number of the whole vehicle audit.
10. A third party inspection certificate for the aerial device shall be furnished upon delivery of the aerial device. The certificate shall be Underwriters Laboratories Inc. Type 1 and shall indicate that the aerial device has been inspected on the production line and after final assembly.

Review and Acceptance of Apparatus

In order for the City to make valid comparisons between proposals, components must be accurately identified. Vendors must identify in their proposals all purchased components utilized in the apparatus, by manufacturer and model number. Any proposal which does not identify the components being offered will not be considered.

All components shall be new and unused (with the exception of use incidental to the construction, testing, transport and delivery of the apparatus). Any old or used components shall constitute grounds for automatic rejection of the entire apparatus.

A road test shall be conducted 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 axle shall run quietly and be free from abnormal vibration or noise throughout the operating range of the apparatus. Vehicle shall adhere to the NFPA parameters:

In the event the apparatus fails to meet the test requirements of these specifications on the first trial, second trial may be made at the option of the vendor within 30 days of the

date of the first trial. Such trials shall be final and conclusive and failure to comply with these requirements shall be cause for rejection. Failure to comply with changes to conform to any clause of the specifications, within 30 days after notice is given to the vendor of such changes, shall also be cause for rejection of the apparatus.

Permission to keep or store the apparatus in any building owned or occupied by the purchaser or its use by the purchaser during the above-specified period with the permission of the vendor shall not constitute acceptance.

Servicing the Apparatus

The City employs a mechanic that focuses on repairs for fire apparatus. However, the vendor must also be able to provide prompt repair and maintenance service on the apparatus and provide replacement parts. Vendors must be able demonstrate that they operate or contract with a factory authorized service center and parts repository capable of satisfying the warranty service requirements and parts requirements of the vehicle(s) being purchased. This service center must be within 150 miles of South Portland and employ an adequate number of factory-trained mechanics, well versed in all aspects of service for all major components of the apparatus and dedicated to providing customer support. The manufacturer and/or service center shall stock parts to ensure quick response and minimize down time and offer a 24 hour/ 7 day a week, toll free emergency hot line.

Parts identification shall be provided to both the dealer and the Fire Department through an on line web based application for the specific truck reflected in this specification.

The manufacturer must be capable of providing service at their shop and on site in South Portland for the apparatus.

SECTION III: SUBMISSION REQUIREMENTS

The following elements must be included in each proposal.

Technical Proposal

1. The proposal must demonstrate compliance with the Minimum Qualifications. Explain, and provide support for, the level of quality and durability of apparatus manufactured by your company. Provide information on how your company

approaches a new project and how it interacts with the owner. Explain your quality control program and how you ensure attention to detail for quality construction that meet will meet these specifications. Include ISO Certificate of Compliance of documentation of codes of practices, quality control, and assurance programs.

2. All proposals must include **a copy of the Equipment Specifications**, indicating compliance with each section and line item of the specifications in the line space provided by marking with a **“C” for Comply**, or under **“E” for Exception** if offering and approved alternate to the line item specification. *For any Exception item that has been approved by receiving a signed REQUEST FOR ALTERNATE/EXCEPTION form, the form must be included with the proposal.*
3. Include computer-aided design drawings showing all six (6) views of the proposed vehicle with specific dimensions from the top (overhead “see through view” of the cab, aerial module, and body showing seating and general layout), front, back, right and left sides, and bottom of the vehicle. The drawing should also include the chassis, make and model, location of key components such as location of lights, sirens, horns, pump panels, equipment compartments, mirrors, and major components, to include maximum height, maximum width, maximum length, and undercarriage clearance and angle of approach and departure.
4. Provide the manufacturing and delivery schedule. Description of ability to complete the project on time.

Experience and Qualifications

1. Provide information on your company’s background and qualifications. Include a brief description of your company and its capacity to undertake and complete the contract.
2. Identify key personnel who would be managing this project and their experience working with fire personnel in managing truck manufacturing projects. Include information on how your company employs and maintains a highly skilled workforce who can manufacture our truck.
3. Describe how you will provide repair and maintenance services. Explain response time, availability of parts, ability to provide timely consulting assistance to City staff. For third party services, include location and contact information, the

relationship to your company and their experience with fire apparatus.

4. Provide up to five projects similar in size and scope completed by your company within the past 5 years. Include reference location and contact information, schedule, dollar value, make and model number of Engine and horsepower.

Proposal Pages

Proposal pages include a signature Proposal page, a Price Proposal page, and certification pages related to federal procurement requirements. These pages must be completed and returned with each proposal. Other documents as described in the Requirements should also be included. The completed Technical Specifications listing with noted compliance to each specification is considered part of your proposal and must be included.

Bid Bond

A bid bond in an amount of 5% of the price offered must be submitted with your proposal.

SECTION IV: SELECTION PROCESS AND CRITERIA

The following criteria will be used to evaluate proposals:

1. Quality of Construction and Compliance with Technical Specs – 35 points

Understanding of specification and completeness of proposal; compliance with the specifications, (with approved exceptions). Technical ability to complete work and approach to ensuring quality. Design features, including finish, fit, workmanship and overall attention to detail. Quality and durability of materials and components used, construction, and performance. Ease of operation and maintenance.

2. Price – 30 points

Price for complete and delivered apparatus, including any discount incentives taken, not including optional items.

3. Warranty, Service and Support – 20 points

Safety designs and safety records. Length and type of warranty. Record of past performance, including references and any previous City experience

with vendor. Maintenance response and support, availability of parts.

4. *Experience and Ability to Complete Contract - 15 points*

Experience completing similar projects, including adherence to schedules, deadlines and budgets. Capacity to complete this project.

Evaluation Process

The City may have discussions with individual Proposers to receive clarifications on proposals. The City reserves the right to inspect the proposer's place of business prior to award or at any time during the contract term or any extension thereof, to determine the proposer's capabilities and qualifications.

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PROPOSAL

The UNDERSIGNED hereby declares that he, she or they are the only person(s), firm or corporation interested in this proposal as principal; that it is made without any connection with any other person(s), firm or corporation submitting a proposal for the same.

The UNDERSIGNED hereby declares that they have read and understand all conditions as outlined herein, and that the proposal is made in accordance with same.

The UNDERSIGNED hereby declares that any person(s) employed by the City of South Portland who has direct or indirect personal or financial interest in this proposal, or in any profits which may be derived therefrom has been identified and the interest disclosed by separate attachment. Please include in your disclosure any interest which you know of.

This Proposal acknowledges the receipt of Addenda No.: _____

COMPANY NAME: _____

AUTHORIZED SIGNATURE: _____

DATE: _____

PRINT NAME & TITLE: _____

FULL ADDRESS AND EMAIL: _____

TELEPHONE: _____ D.U.N.S. _____

FEDERAL TAX I.D. NUMBER: _____

NOTE: All proposals must bear the handwritten signature of a duly authorized member or employee of the organization making the proposal.

**COMPLETE AND RETURN THIS PAGE
PRICE PROPSAL**

Proposal to furnish One Mid-mount Platform Quint Fire Truck to the City of South Portland, Maine, in accordance with the attached Request for Proposals and Specifications at the following price, warranty, and delivery time. *Note: Price shall be F.O.B Destination and exclusive of any Federal, State, local sales or use tax.*

Year, Make and Model _____

Warranty Included _____

Total Price \$ _____.

Price In words: _____

Delivery Time _____

Describe any incentive discounts: (*firms are expressly prohibited from offering any rebates, parts credits and any other price discounts following contract award*)

List extended warranty options:

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CERTIFICATION OF RESTRICTIONS ON LOBBYING

The Contractor certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form--LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions [as amended by "Government wide Guidance for New Restrictions on Lobbying," 61 Fed. Reg. 1413 (1/19/96). Note: Language in paragraph (2) herein has been modified in accordance with Section 10 of the Lobbying Disclosure Act of 1995 (P.L. 104-65, to be codified at 2 U.S.C. 1601, *et seq.*)]
3. The undersigned shall include **the language of this certification in** the award documents for **all subcontracts** that shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The undersigned understands and agrees that the provisions of 31 U.S.C. A 3801, *et seq.*, apply to this certification and any disclosure, and also certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any.

Signature of Authorized Official

Date

Printed Name of Authorized Official

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**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
OTHER INELIGIBILITY, AND INVOLUNTARY EXCLUSION**

The Respondent, _____, certifies, by submission of this proposal, that neither it nor its principals or subcontractors is presently debarred, suspended, proposed for debarment, declared ineligible, or involuntarily excluded from participation in this transaction by any Federal Department or Agency.

The Respondent agrees to comply with the requirements of 2 CFR Part 180, Subpart C, as adopted and supplemented by U.S. DOT regulations at 2 CFR Part 1200, while this Request for Proposals (“RFP”) is pending and throughout the period of any contract that may arise from this RFP. The Respondent further agrees that it and its affected subcontractors will provide immediate written notice to the City of South Portland if at any time the Respondent learns that his/her subcontractor’s certification was erroneous when submitted or has become erroneous because of changed circumstances.

By submitting this proposal and affixing a signature below, the Respondent certifies that the above statement is a material representation of fact upon which reliance is placed by the City. If it is later determined that the Respondent knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the City may terminate this transaction for cause of default.

If the Respondent is unable to certify to any of the statements in this certification, the Respondent shall attach an explanation to this certification.

The Respondent certifies or affirms the truthfulness and accuracy of the contents of the statement submitted on or with this certification and understands that the provisions of 31 U.S.C. §§ 3801-3812 are applicable thereto.

Signature of Authorized Official

Date

Printed Name of Authorized Official

Company Name

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TECHNICAL SPECIFICATIONS

The following specification details are the requirements the City has specified for its Mid-mount Platform Quint Fire Truck.

Bidder shall check the box under C if they comply and under E if they are taking exception to that line item. Bidder is also required to include the approval form for items marked "E".

Spec	C	E	DESCRIPTION
			<u>Cab</u>
1			The cab shall be designed specifically for the fire service and shall be manufactured by the chassis builder. The cab shall be a heavy duty design built on the apparatus manufactures premises. The cab shall be a minimum of 96.00" wide and be a full tilt cab.
2			<p>Two (2) forward facing EMS compartments shall be provided in the crew cab at the center position.</p> <p>The upper compartment shall be 24.00" wide x 16.00" high x 16.00" deep with a web netting door. The netting is to be made with 1.00" wide nylon material with 2.00" openings. A metal stiffener shall be provided at the top and bottom of the netting. Permanently attach the top of the netting, to the top of the upper cabinet, and place side release buckles at the bottom of the opening. The door shall face the front of the cab with a clear door opening of 21.50" wide x 13.50" high.</p> <p>The lower compartment shall extend from the rear wall of the crew cab to the engine tunnel. The compartment shall be approximately 36.00" wide x 24.00" high x 44.00" deep. A web netting door shall be provided on each end of the compartment. The netting is to be made with 1.00" wide nylon material with 2.00" openings. A metal stiffener shall be provided at the top and bottom of the netting. This netting shall be installed inboard on each side wall. Two (2) seat belt type buckles shall be used at the top of the netting with a single footman's loop, mounted at the bottom center of the opening. Each clear door opening of the compartment shall be 34.00" wide x 20.00" high. A compartment bottom shall be provided in this compartment to provide a smooth sliding surface for items stored inside.</p> <p>The top of the compartment shall also be reinforced for tool mounting.</p> <p>The compartments shall be constructed of smooth aluminum and painted to match the color of the cab interior.</p> <p>These compartments shall mimic our current vehicle setup. Photos or inspection available on request.</p>

Spec	C	E	DESCRIPTION
3			Driver's and officer's seats shall be a cam action type with air suspension. There will be manual controls for horizontal position. An adjustable reclining back will back will be featured. The seat will be a high back style with maximum support and comfort and have elastomeric vibration control.
4			The officer and 2 rear facing jump seats will include "hands free" auto clamp (or equivalent) 4.5 SCBA bottle brackets & retractable 3-point shoulder and seat belts. There shall be 2 SCBA seats. The officer seat shall have air suspension.
5			All seats shall be made of high quality vinyl resistant to oil, grease and mildew for ease of decontamination. All seats will feature a 3 point shoulder type seat belt.
6			Cab doors shall be as large as possible and shall be barrier style. A heavy duty door handle shall be provided on the exterior of the cab. This shall be constructed for deep hand clearance for ease of use with heavy gloved hands.
7			Windows will be electric. All 4 cab doors will be equipped with electric operated windows with 1 flush mounted switch on each door. The driver's door will have 4 switches, 1 control for each window.
8			Under seat storage compartments shall be provided wherever possible
9			Cab equipped with heat & air conditioning system. Bidder shall specify the type and location of the heating and cooling system components including their rated capacities
10			Dual vision, motorized, west coast style mirrors with chrome finish shall be mounted on each side of the front cab door with spring loaded retractable arms. The flat glass and convex glass shall be heated and adjustable with remote control within reach of the driver.
11			Two (2) variable speed fans for added ventilation and defrosting. These fans shall be wired such that the driver has the ability to activate both fans from the driver's position
12			A One (1) piece bumper manufactured from steel with a chrome finish shall be provided. The bumper shall be installed with adequate support and strength and mounted to the frame.
13			The bumper shall be constructed in a way to accommodate a center hose tray with a minimum capacity of 75' of 1.75" fire hose. Louver air vents shall be provided to allow the compartment to be ventilated. The vents shall be installed to prevent water and debris from entering. Black rubber grating and drain holes shall be provide at the bottom of the tray. The hose tray cover shall be a bright aluminum tread plate and be notched allowing the hose to be pre-connected. The cover shall be attached with a stainless steel hinge.
14			Chrome plated, flush mounted electronic siren/PA speaker located in front bumper
15			Full size mud flaps shall be included behind each tire
16			An auxiliary speedometer shall be located in front of the officer's seat
17			A cross-view convex safety mirror shall be installed on the front passenger side of the cab to facilitate driver's view of the front passenger side corner of the apparatus

Spec	C	E	DESCRIPTION
18			A large flashing red warning light with audible signal shall be installed in the cab for open crew or compartment door notification
19			Cab shall include a heavy duty use interior finish with minimal plastic or vinyl covering
20			Sun visors that provide protection for as much of the full width of the windshield as possible shall be provided in the cab
21			An FM radio shall be included in the cab with 4 speakers, one for each seated positions
22			An NFPA 1901 compliant video camera and data recording system shall be included as outlined below.
23			A rear mounted back up camera, with a microphone so the driver can hear commands from the spotter, that automatically comes on when apparatus is placed in reverse with a manual control to turn it on regardless of the gear selected
24			Cameras shall be provided to provide an overhead view above each stabilizer jack that extends out beyond the body to view the area the jacks would extend into for conflicts. The view will have a red outline of the actual jack placement area. An activation switch for this function shall be installed on the monitor marked "Jacks".
25			Exhaust pipe shall include an extension and a magnetic Plymovent connection
			<u>Chassis, Suspension & Brakes</u>
26			Air operated service brakes. Maximum size available for the axle size. Front brakes shall be disk min 17", rear axles shall have drum brakes
27			Regular air reservoir plus auxiliary reservoir for rapid buildup with manual drains
28			Wabco brand air dryer system shall be installed.
29			Wabco brand (ABS) anti-lock braking system shall be installed.
30			Roll/stability control system. Bidder to specify details of this system in their proposal.
31			Frame, fire service rated. Bidder to specify in detail the frame and torque box construction, minimum yield strength, resistance to bending movement, frame section modulus, and frame warrantee in the bid documents
32			The chassis frame shall be built with (2) steel channels bolted to cross members. A full length mainframe "C" liner shall be provided. The liner shall be heat treated steel. Vendors shall submit each reinforcement section modulus cubic inches, psi, yield strength and resisting bending moment (rbm) The chassis frame assembly shall be built and fully guaranteed from corrosion and or failure for the life of the apparatus.
33			Two (2) steel front tow eyes shall be fastened directly to the frame, below the front bumper. Two (2) steel tow eyes shall be furnished on the rear of the vehicle for towing (not lifting). The tow eyes shall be bolted directly to the chassis frame rails.

Spec	C	E	DESCRIPTION
34			A front axle shall be installed with an independent suspension design.
35			Ridewell Dynalastic rear suspension with heavy duty ground rating will be provided. The suspension shall have individual articulating torque beams pivoted to a compensator providing independent axle movement and steady load distribution.
36			The tandem rear axle chassis shall include an inter-axle differential lock, which will allow both axles to be engaged as drive axles. The differential lock shall be controlled by a locking rocker switch on the switch panel. An indicator light shall illuminate with positive engagement of the inter-axle differential control.
37			Dimensions – Maximum Height of 11', Maximum length of 43'. Truck must be able to fit in our fire station #2 with no modifications to the station and allow for enough room for 360-degree access. Bidders to provide data on overall apparatus height, width, length, maximum turning radius, and wheelbase. A sign stating the overall apparatus height shall be installed within easy view of the driver.
38			Fuel tank and supporting straps shall be made of stainless steel
39			Minimum capacity 65 gallons with a low point drain
40			Fuel tank sending unit shall be accessible without removing the tank.
41			Front and rear axle rated for the designed use & load, and geared for a maximum road speed of 65 mph
42			Automatic chassis lubrication system that automatically greases all serviceable fittings. Grease fittings shall be installed and connected to the automatic lubrication system in all areas where grease is required. Threaded plugs that require the buyer to install grease fittings, or fittings not connected to the auto lube system will not be acceptable
			<u>Engine & Transmission & Cooling System</u>
43			Engine, Cummins Diesel X series Motor, minimum 500 HP. Bidder to supply detailed documentation of engine performance specifications.
44			Transmission, Allison brand electronic, automatic, properly matched to engine selection
45			Jacobson engine breaking system with OFF LOW MEDIUM and HIGH settings
46			Cooling system is to be a pressurized type to provide proper cooling under atmospheric temperature to 120 degrees Fahrenheit without overheating or loss of coolant. Bidder to specify the radiator & cooling system design, materials, and capacity
			<u>Wheels & Tires</u>
47			Alcoa brand Albright aluminum wheels all 10 front & rear polished on both sides
48			Radial tires shall be provided. Front steer tread design, Rear traction tread design

Spec	C	E	DESCRIPTION
49			4 ea. full-size aluminum wheel chocks (non-folding, Ziamatic AC-32 or equivalent) mounted 2 on each side under the body forward of the rear wheels
50			The wheel wells shall be equipped with fully removable, bolt-in, inner wheel well liners. The liners shall extend full depth into the truck frame. A rubber seal shall be installed to cover the gap between the liner and apparatus frame
51			The cab wheel well openings shall be trimmed with replaceable, bolt-on, polished stainless steel fenderettes. Nylon spacers shall be utilized at the attachment points to reduce buildup of road grim and to prevent corrosion with dissimilar metals
			<u>Apparatus Body & Compartments</u>
52			The aerial apparatus shall be a Quint design with a fire pump and storage for minimum 800' of 5" large diameter supply hose (LDH). Configuration of the LDH storage location should allow for unrestricted deployment and ease of loading the LDH, preferably without raising the aerial.
53			Apparatus body to be top quality model, fabricated of aluminum or stainless steel. The design and construction process, including gauge of materials used, shall be described in detail in the bidder's proposal.
54			The apparatus body style shall be the widest available for maximum depth of storage compartments. Bidder's proposal shall include exact interior dimensions as well as the cubic feet of storage capacity provided in each compartment
55			Compartment doors to be hinge style design. Bidder to describe in detail the door construction details including the latching mechanisms.
56			Apparatus to include a rear bumper designed to protect controls, lights, and appliances on the rear of the apparatus.
57			The apparatus will include the maximum SCBA bottle and fire extinguisher storage compartments possible in the wheel well areas. Bidder shall provide details of the size, door style, locations, and capacity of these compartments
58			The interior compartment shall have a durable finish design. The pump panel finish shall be a durable black finish.
59			Five (5) adjustable shelves shall be provided and installed as directed at the pre-construction conference.
60			Two (2) Swing out Tool boards shall be provided. Each will feature a pegboard pattern with a maximum tool board load of 400 lbs. These shall be mounted on a pivoting device and have a positive lock in the stowed and extended position. Location and size to be determined at the pre-construction conference.
61			Two (2) Slide out Tool boards shall be provided. Each will feature a pegboard pattern mounted to an undercounted roller bearing slide rated at 250 lbs. Location and size to be determined at the pre-construction conference.
62			The rear walls of four (4) of the body compartments shall include an aluminum tool mounting plate for mounting of equipment. Determination of which compartments will be decided at the pre-construction conference.

Spec	C	E	DESCRIPTION
63			Four (4) full width sliding trays with a minimum capacity of 250 lbs. shall be provided. Location to be determined at the pre-construction meeting. Slides shall be equipped with ball bearings for ease of operation. The trays shall have a positive lock-in and positive lock-out latching system mounted to the underside of the tray.
64			An enclosed rear ground ladder tunnel compartment shall include storage for the following equipment. This compartment shall be have a roll up style door. All equipment listed shall be supplied and installed as part of this proposal. All ground ladders must be NFPA compliant Duo Safety aluminum ladders
65			<p>1-35' 2 section extension ladders</p> <p>2-28' extension ladder</p> <p>1-20' roof ladder</p> <p>1-14' roof ladder (with hooks on both ends, mounted to fly section)</p> <p>2-16' roof ladders (both with hooks on both ends)</p> <p>1-10' folding attic ladder</p>
66			Turtle Tile compartment matting shall be provided in all compartments and shelving floors.
67			Two (2) partitions will be provided. Each partition will be full vertical height with locations to be determined.
68			Turtle Tile compartment matting shall be provided in Seven (7) compartment shelves, locations to be determined at the pre-construction conference.
69			The apparatus shall include Three (3) crosslays located near the pump panel as low as possible for ease of deployment and loading. The hose size and capacity is outlined in the Fire Pump and Plumbing section of these specifications.
			<u>Fire Pump & Plumbing</u>
70			Apparatus to include a 1,500 gpm single-stage centrifugal pump with independent UL pump test certification. The pump shall have the ability to pass a UL test using a single 6" intake. The department is open to bidder's proposals for products.
71			Once designed and engineered, detailed drawings of the pump panel layout shall be sent to the South Portland Fire Department for approval prior to construction. Successful bidder only
72			An electronic pressure governor & engine monitoring system shall be included. The governor can be used in two (2) modes of operation, RPM and pressure modes.
73			Pump to include a pump overheat protection manager system including a thermal relief valve
74			Additional sacrificial zinc pump anodes shall be installed

Spec	C	E	DESCRIPTION
75			Pump to include a relief valve installed on the suction side of the pump.
76			Two (2) each 6" suction ports with strainers shall be provided
77			A remotely controlled intake valve shall be provided on the passenger side of the truck. It shall be low profile enough as to not impact the width of the truck.
78			The driver' side suction port requires one (1) each blind 6" cap with long handles
79			All suction ports shall have extensions to facilitate connection of suction hose
80			There shall be one (1) 2.5" full flow suction intake with ball type valve on the operator's side of vehicle
81			All valves, with the exception of those specified above, shall be Akron brand stainless steel.
82			Bleeder valves or equivalent shall have a lift style handle.
83			An emergency evacuation air horn switch shall be mounted on the pump panel as well as at the aerial control center on the turntable.
84			Operator's control panel & side pump panels properly illuminated with LED type lights. Lights for the pumping operation shall activate when the pump is placed in operation.
85			Pump primer shall be a Trident Emergency Products brand, compressed air powered, multi-stage, venture based AirPrime™ system with an automatic primer option. The compressed air tank for this primer shall be mounted in such a location as to be easily serviceable and so as not to impede the servicing of any other component of the apparatus.
86			There shall be a manually operated tank to pump suction valve(s)
87			Pump discharge piping to include:
88			<p>Pre-plumbed aerial waterway</p> <p>One (1) full flow minimum 4" electric worm gear type discharge valve (passenger side). This discharge shall include 30° chrome foxtail extensions adapted with 5" Storz fitting with Storz blind cap and chain.</p> <p>Three (3) full flow 2.5" manual discharge valves (2 on Left side and 1 on Right side) These discharges shall have NST threads with caps with chains</p> <p>Two (2) crosslay capable of holding 250 ft. of 1¾" double jacketed hose & a pistol grip nozzle terminating in a swivel with NST threads</p> <p>One (1) crosslay capable of holding 250 ft. of 2½" double jacketed hose & a pistol grip nozzle terminating in a swivel with NST threads</p>

Spec	C	E	DESCRIPTION
89			The connections for the crosslays shall be equipped with raised chiksan swivels and the appropriate thread adaptor as noted above for easy connections and so the pre-connected hose can be used off either side of the truck without kinking
90			A polypropylene tank shall be included with a capacity of 300 gallons of water. Water tank to include a lifetime warranty from the tank manufacturer.
91			The area above the pump shall be enclosed with removable sections for access to the pump and piping. The right and left panels of the pump enclosure shall be easily removable without removing screwed in fasteners for ease of access for pump maintenance.
92			An aluminum heat shield shall be included beneath the pump compartment to maintain heat during winter operations. Heat shield to be removable for fair weather operations and for servicing of the pump.
93			All discharge gauges shall be color coded, and labeled to match the discharge. Colors of the hose lines and discharges to be determined at pre-con.
94			In addition to the pump panel mounted water level gauge, two (2) additional LED color coded remote water level gauges shall be provided. (Whelen model # PSTANK or approved equivalent) Mounting location to be determined at the pre-construction conference.
95			A Class B foam system acceptable to department needs. Preferably around the pump with high flow rates. No Tank is required. The department is open to bidder's proposals for products.
			<u>Aerial Ladder</u>
96			Apparatus to include a minimum 95, 'maximum 105' heavy duty steel or aluminum mid-mount style aerial tower with minimum 1000lbs dry tip load and unrestricted reach and rotation. Bidder to provide detailed information as to construction, safety systems, manual overrides, emergency stow systems, and performance of the aerial device including tip loads and operating limitations during water flow operations and/or short jack situations.
97			Bidder to provide detailed information as to the construction and use of the stability jack system including jack spreads and the ability to operate in short jack situations

Spec	C	E	DESCRIPTION
98			<p>Aerial basket shall be constructed to a high strength steel or aluminum certified by the manufacture and tested by a third party company.</p> <p>Four (4) safety loops will be attached to the inside of the basket. Two (2) lifting eyes will be provided on the bottom side of the basket support structure.</p> <p>Four (4) rubber bumpers are provided on the bottom side of the basket structure for the damage protection when setting down on a structure.</p> <p>The basket interior will be illuminated as required per the current edition of NFPA 1901. Electrical subcomponents will be mounted under the basket in an enclosed area providing protection from heat exposure while allowing for easy servicing and maintaining an unobstructed basket interior.</p> <p>There shall be a minimum of two (2) swing in, spring- loaded, self-closing door that enters in the bucket. The rear of the platform will be equipped with a vertical self- closing gate for transfer to and from the platforms ladder device.</p>
99			<p>All lights on the aerial, turntable, steps to the turntable, jack controls, individual jacks, and level indicators will activate when the aerial is activated and shall be LED.</p>
100			<p>Platform basket shall include a pre-piped waterway with One (1) remote controlled master stream monitor. Monitor and waterway shall be able to flow 1500 gpm. Nozzle shall be capable to both fog and solid stream. Nozzle shall be able to be controlled for basket as well as turntable.</p>
101			<p>Aerial waterway to include a valve for an auxiliary 2.5" discharge at the aerial basket with ¼ turn ball valve. Valve to have NST threads with a 2.5" NST to 1.5" NST reducer with cap and chain. Configuration of this option to be reviewed at the pre-construction conference.</p>
102			<p>The waterway shall include a direct aerial feed that isn't plumbed through the fire pump. This intake must terminate in a 5" Storz fitting with blind cap and chain. This feed shall include an independent pressure gauge at the inlet</p>
103			<p>A flow meter with the ability to display accumulated gallon totals shall be included with the pre-plumbed aerial waterway</p>
104			<p>There shall be One (1) stokes basket bracket at the base section of the aerial, side to be determined at pre-construction. Locking pins shall be included to secure the basket.</p>
105			<p>A bracket shall be provided on the inside of the last fly section of the aerial to accommodate a 14' roof ladder.</p>
106			<p>A set of padded "Man-saver bars" shall be installed on each access to the turntable</p>
107			<p>There shall be Two (2) fold down ladders made from high strength aluminum mounted at the rear of the apparatus for ease in climbing to basket.</p>
108			<p>There will be a total of One (1) saw storage box provided at the base section of the aerial ladder. The box will be on the right side of the aerial while viewed from the turntable. The box will be painted to match the aerial. The box will be constructed with a hinged cover with D handle latch and 2 gas struts to secure the saw. Maximum capacity of the box shall be 25 lbs.</p>

Spec	C	E	DESCRIPTION
109			There will be two (2) hose storage boxes with a cover and rubber draw latch provided at platform. The boxes will be located at the right side of the basket while viewed from the turntable. The boxes shall accommodate 25' of 1.75" hose. Drain holes will be provided at the bottom corners and a louver will be provided on each side near the top of the box, below the latches.
110			Illuminated front to rear and side to side leveling indicators shall be included at the rear of the apparatus. Exact mounting location to be determined at the pre-bid conference
111			A 10' NY Hook shall be provided and mounted on the interior of the fly section at the tip. A bracket will be provided in the basket to accommodate a Pick head style axe. Location to be determined at Pre-Construction.
112			An aerial communication system shall be installed to facilitate communications between operating positions. This system shall include a voice operated station at the basket as well as push-to-talk stations at both the pump and turntable operator's positions. The pump panel and turntable positions shall include volume controls
113			The base section of the ladder will contain scuff plates where the ladder comes into contact with the ladder support system
			<u>Electrical System</u>
114			The apparatus shall be equipped with a complete AC (alternating current) electrical power system. The generator shall be a 6,000-watt hydraulic driven unit. The generator shall be driven by a transmission power take off unit through a hydraulic pump and motor. There shall be a Generator power switch located on the cab instrument panel and pump panel. A circuit breaker panel shall be installed in a compartment.
115			Bidder to provide detailed information on their 12 Volt electrical system including the size and brand of the alternator, wiring, circuit breakers, and relays used as well as how it is organized and labeled for ease of future maintenance.
116			The battery system shall consist of six (6) group 31 batteries with sufficient capacity for the designed use and load. These batteries to be installed in a covered stainless steel box bolted to the main chassis frame
117			Battery jumper studs shall be located in a readily accessible location
118			The apparatus shall include a shoreline system for maintaining battery charge and conditioning and to power auxiliary equipment that requires charging while the apparatus is parked and not running. This manual (non-auto eject) shoreline connection shall be located near the driver's door
119			An on-board air compressor shall be installed and wired to the shoreline system to maintain air pressure in the system
120			A 110v power connection from the shoreline system shall be run into two compartments on each side of the apparatus. Specific compartment to be determined at pre-construction conference.
121			A 12v power connection & ground run shall be run into all of the compartments on each side of the apparatus. Specific locations to be determined at the pre-construction conference.

Spec	C	E	DESCRIPTION
122			All 12 volt lighting shall be LED type
123			The following lights will be installed at a minimum:
124			LED style stop, back-up, and directional signals
125			2 ea. LED engine compartment lights (minimum one each side)
126			LED rope style compartment lights shall be installed on both sides of the cabinets and automatically come on with door switch activation. These should be protected so they aren't damaged during tool removal. Lights shall be red in color.
127			One 12v LED brow light shall be mounted on front of cab.
128			Two (2) 12v adjustable low profile LED spot/flood lights on the aerial basket.
129			Four (4) 12v adjustable low profile LED spot lights below basket. Each will be located in a different area to illuminate all surrounding areas while moving basket.
130			Two (2) 12v adjustable LED tracking lights on the aerial base
131			One 12v LED floodlight @ front of hose bed area.
132			Each turntable access ladder shall have individual LED lights that illuminate every step
133			Combination red/white dome lights in cab that activate on door opening as well as a manual override switches for the driver and at the individual lights for crew use
134			Ground lighting system including LED Warning/ground lights on the jacks when deployed
135			LED aerial rung lighting. Colors to be determined at the Pre-Construction.
136			Six (6) 12 volt, LED, scene lights shall be provided; one on each side of the cab, one high on each side of the apparatus above the rear wheels, and 2 mounted the rear wall of the apparatus. These lights shall be controlled by switches in the cab, an auxiliary switch on the pump panel, and the cab lights will come on with the opening of the passenger doors on that side of the apparatus. Specific model and placement to be reviewed at the pre-build conference.
			Auxiliary power pre-wire requirements:
137			One (1) 30-amp positive power circuit wired to constant power source
138			One (1) 30-amp positive power circuit wired to ignition-controlled power source
139			One (1) ground cable properly gauged for ground connection direct to battery
140			These cables to terminate at the mounting bracket on the engine dog house

Spec	C	E	DESCRIPTION
			Mobile radio power pre-wire requirements:
141			One (1) 30-amp positive power circuit wired to constant power source
142			One (1) 30-amp positive power circuit wired to ignition-controlled power source
143			One (1) ground cable properly gauged for ground connection direct to battery
144			All cables to terminate in compartment on rear wall with minimum of 6' extra coiled wire
			Mobile radio antenna mounts/cables
145			All cables to terminate in compartment on rear wall with minimum of 6' extra coiled wire
146			All antenna mounts are NMO thick roof model PCTEL #K794
147			One (1) antenna mounted above the driver at least 8" from the edge of the cab in all directions (if possible) and must be mounted on a flat surface.
148			One (1) antenna mounted as described above on the opposite corner of the cab
149			Dual USB charging points shall be provided in near proximity to each seating position
			<u>Warning Equipment</u>
150			Bidder shall describe the NFPA compliant LED emergency warning light package. Purchaser requires Whelen brand equipment. Warning lights to be controlled by a single master switch, but also separately switched so that front and rear facing lights can be selected separately. All clear warning lights and the headlight flashers shall cancel when the parking brake is applied. Flash patterns TBD at pre-build conference
151			One chrome Federal model Q2B siren flush mounted in the front bumper with controls for both activation and braking on both driver & passenger side of cab.
152			A brake interlock shall be provided so the siren will not activate while the apparatus is parked.
153			A manual power cable disconnect (similar to a winch style connector) shall be provided at the siren.
154			Dual air horns shall be included in the front bumper extension and must be able to be operated by both the driver and officer. Pull cords and floor switches shall be provided.
155			An electronic siren shall be included operable from the driver's position. The speaker shall be recess mounted in the front bumper extension
156			Bidder to supply a switch in the master warning light bank of switches to operate a traffic preemption emitter which shall be included in the main emergency warning light bar. This circuit must be wired to deactivate when the parking brake is applied and can only activate if the emergency lights master is activated.

Spec	C	E	DESCRIPTION
			<u>Paint & Graphics</u>
157			Apparatus to be painted with black over red paint. Paint chips shall be provided to properly match our current fleet of apparatus, successful bidder only
158			Lettering and graphics shall be provided as requested: City seals & company logos will be provided to the successful bidder – All graphic plans will be approved by the South Portland Fire Chief prior to completion. Graphics & lettering shall match our most recent truck and to include, but not limited to:
159			3 white reflective stripes shall be provided above the front bumper and along each side of the apparatus as required by NFPA
160			The word “South Portland” shall be centered on the front of the cab
161			A reflective “4(*)” shall be located on each side of the rear of the apparatus
162			The city seal (provided) shall be located on each front door
163			There will be one company logo (provided) located on each side of the apparatus in the cab area
164			“Keep Back 500 Feet” shall be located on the rear roll up door in reflective lettering
165			Graphics package to include two color chevron striping on the rear and front bumpers
166			Reflective indicator tape denoting aerial extension lengths shall be provided
167			Various other lettering to match the style, font, location and material of our most recently purchased truck
			<u>Delivery Requirements</u>
168			Apparatus fuel tank to be full at time of delivery
169			Apparatus to be cleaned and detailed both inside and out, for final delivery
170			On-site training factory training shall be in South Portland, Me. Factory training shall be 4 consecutive days for each shift. Dates shall be scheduled near delivery time of apparatus.
			<u>Warranty Requirements</u>
171			Minimum 2 year “bumper to bumper”
172			Longer warranty is highly preferred
173			Provide a full list of all warranties

ATTACHMENT A – REQUEST FOR ALTERNATE/EXCEPTION

Proposer/Vehicle Manufacturer _____

RFP Specification # _____ page# _____ Item Description _____

Request:

Fire Department Response:

Approved: • Denied: • See Addendum: •

Comments:

City of South Portland Official: _____ Date: _____

ATTACHMENT B

FEDERAL THIRD PARTY CONTRACTING REQUIREMENTS

TITLE VI

The contractor, and any subcontractor, successor, transferee, and assignee shall comply with Title VI of the Civil Rights Act of 1964, which prohibits recipients of federal financial assistance from excluding from a program or activity, denying benefits of, or otherwise discriminating against a person on the basis of race, color, or national origin (42 U.S.C. § 2000d et seq.), as implemented by the Department of the Treasury's Title VI regulations, 31 CFR Part 22, which are herein incorporated by reference and will be made a part of the contract or agreement for the work. Title VI also includes protection to persons with "Limited English Proficiency" in any program or activity receiving federal financial assistance, 42 U.S.C. § 2000d et seq., as implemented by the Department of the Treasury's Title VI regulations, 31 CFR Part 22, and herein incorporated by reference and made a part of the contract or agreement for the work.

EQUAL OPPORTUNITY

In compliance with 41 CFR 60-1.4, during the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this non-discrimination clause.
- (2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.
- (3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under section 202 of Executive Order

11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(4) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

(5) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(6) In the event of the contractor's non-compliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be canceled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(7) the contractor will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

CLEAN AIR ACT

1. The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.

2. The contractor agrees to report each violation to the (name of applicant entering into the contract) and understands and agrees that the (name of the applicant entering into the contract) will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

3. The contractor agrees to include these requirements in each subcontract exceeding \$150,000.

FEDERAL WATER POLLUTION CONTROL ACT

1. The contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.
2. The contractor agrees to report each violation to the (name of the applicant entering into the contract) and understands and agrees that the (name of the applicant entering into the contract) will, in turn, report each violation as required to assure notification to the appropriate Environmental Protection Agency Regional Office.
3. The contractor agrees to include these requirements in each subcontract exceeding \$150,000.

SUSPENSION AND DEBARMENT

- (1) This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such, the contractor is required to verify that none of the contractor's principals (defined at 2 C.F.R. § 180.995) or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
- (2) The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- (3) This certification is a material representation of fact relied upon by (insert name of recipient/sub recipient/applicant). If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to (insert name of recipient/sub recipient/applicant), the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- (4) The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

BYRD ANTI-LOBBYING AMENDMENT, 31 U.S.C. § 1352 (as amended)

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency. Contractors must sign and submit to the CERTIFICATION REGARDING

DEBARMENT, SUSPENSION, OTHER INELIGIBILITY, AND INVOLUNTARY EXCLUSION, including the Proposal Pages.

PROCUREMENT OF RECOVERED MATERIALS

In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired—

1. Competitively within a timeframe providing for compliance with the contract performance schedule;
2. Meeting contract performance requirements; or
3. At a reasonable price.

Information about this requirement, along with the list of EPA- designated items, is available at EPA's Comprehensive Procurement Guidelines web site, <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program>

The Contractor also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act.