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**ADDENDUM #1**

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**REQUEST FOR QUOTATIONS (RFQ) NO.:** 1220-040-2018-049  
**TITLE:** SUPPLY AND DELIVERY OF UP TO FOUR (4) 75 FT. LADDER QUINTS  
**ADDENDUM ISSUE DATE:** February 26, 2019  
**CLOSING DATE:** prefer to receive Quotations on or before:  
March 13, 2019

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### **INFORMATION FOR CONTRACTORS**

This Addendum is issued to provide additional information to the RFQ for the above named project, to the extent referenced and shall become a part thereof. No consideration will be allowed for extras due to the Contractor not being familiar with this Addendum. This Addendum No. 1 contains three (3) pages in total.

#### **QUESTIONS AND ANSWERS:**

- Q1:** Section II – Cab, 1.19 Cab Roof Reinforcement Provision: “The cab shall be reinforced to allow for a light tower to be mounted on the upper raised roof of the cab.” There are no details in Section VIII – Lighting System, regarding a Light Tower. Is the reinforcing for future consideration/upgrades? Can the City provide any more information on a possible light tower that may be used in order to ensure we provide adequate reinforcing?
- A1:** Please disregard the comment regarding the Light Tower, no light tower is required; however the roof reinforcement is required as City staff may be required to stand on the roof while maintaining the aerial.
- Q2:** Section IV – Engine and Transmission, 1.01 General: “Cummins is the preferred engine option.” Would the City consider a Detroit Diesel power plant?
- A2:** Providing it meets the requirements of the specification. The usage of such identification is simply to indicate the character, quality and/or performance equivalence of the commodity identified. Refer to Section 12. EQUIVALENTS, SUBSTITUTIONS, ALTERNATIVES of the RFQ.

Q3: Section V – Auxiliary Power Unit, 1.01 General: “The engine shall meet the latest engine emission regulations.” Is the APU engine expected to meet Tier 4 compliance? Please identify any other specific emissions regulations that the City deems important for the APU engine to pass/achieve.

A3: To meet Tier 4 compliance.

Q4: Section V – Auxiliary Power Unit, 1.01 General: Would the City accept an APU without integrated Air Conditioning?

A4: The APU is to provide air conditioning to control the temperature of the cab when the truck engine is off.

Q5: Section VII – Main Body, 1.03 General: “The fabrication of the sheet metal for the body module will be by formed or bent break construction using 3/16” 5052 aluminum plate.” Generally, aluminum “plate” is 0.25” and thicker. The more common Fire Apparatus body panel material is 0.125” 5052 H32 aluminum sheet alloy. Is 3/16” 5052 aluminum plate a mandatory requirement as many manufacturers use higher quality materials based on extensive engineering, research and customer feedback?

A5: Providing Contractors proposed specification is equal or superior to the specifications the City will consider. Sheet aluminum is not acceptable. Refer to Section 12. EQUIVALENTS, SUBSTITUTIONS, ALTERNATIVES of the RFQ.

Q6: Section VII – Main Body, 4.01 Front And Rear Stabilizers: “Two (2) sets of stabilizers shall be installed for stability. The front set shall be non-extending and the rear set shall have a 18’ spread.” Can the City please clarify the need for the set of front stabilizers as our engineering team has reviewed this requirement and reports that no operational or mechanical advantage will be achieved by providing a front set of stabilizers on a 75’ aerial ladder?

A6: This is the City’s specification and preference is for front and rear stabilizers. The Proponent should provide details of their alternative option. Refer to Section 12. EQUIVALENTS, SUBSTITUTIONS, ALTERNATIVES of the RFQ.

Q7: Section VII – Main Body, 6.00 L1-Compartment, 7.00 L2-Compartment, 8.00 L3-Compartment, 9.00 L4-Compartment, 10.00 R1-Compartment, 11.00 R2-Compartment, 12.00 R3-Compartment, 13.00 R4-Compartment, 14.00 REAR-Compartments: Each of these sections identify a very specific dimension of each compartment. This may limit manufactures for taking full advantage of their own body designs to provide the City with the best layout/product possible. Are these specific dimensions mandatory for the body design?

A7: Proponents should offer size of compartments that meet their design and the City can review the Proposal to see if that configuration meets operational requirements. Refer to Section 12. EQUIVALENTS, SUBSTITUTIONS, ALTERNATIVES of the RFQ.

Q8: Section VII – Main Hose Bed, 18.01 Hose Bed – Hose Loader: “The hose bed shall be located within the enclosed torque box and accessible from the rear of the apparatus. The hose bed shall allow department personnel to deploy and reload hose from ground level without the use of steps or climbing on the apparatus. Because of safety concerns, designs that require department personnel to climb on the apparatus to reload hose into the hose bed area, or that utilize hose chutes in the design shall not be acceptable.” Is

the City aware that this outlined specification is a patently protected design and that due to this patent no other fire apparatus manufacturer can fairly compete for this RFQ as it is detailed?

A8: Proponents should offer their solution to the hose bed design. The usage of such identification is simply to indicate the character, quality and/or performance equivalence of the commodity identified. Refer to Section 12. EQUIVALENTS, SUBSTITUTIONS, ALTERNATIVES of the RFQ.

Q9: Section XI – Aerial Ladder, 1.01 75' Aerial Ladder: Would the city consider options for an aerial ladder exceeding 75' of vertical reach?

A9: No.

Q10: Section XI – Aerial Ladder, 1.04 Primary Dimensions: "The inside dimensions of the ladder shall be as follows: Base Section 34.000", First Fly Section 27.750", Last Fly Section 22.500". The height of the handrails above the center line of the rungs shall be as follows: Base Section 22.875", First Fly Section 18.875", Last Fly Section 15.375"." These specific dimensions may limit manufactures ability to take advantage of their own engineering designs to provide the City with the best design/product possible. Are these specific dimensions mandatory for the ladder design?

A10: Dimensions are to be used as a guide.

Q11: Section XV – Measurements, 1.0 to 8.10: Excluding Overall Height, Width and Length. Any specific dimensions in the RFQ may limit manufactures ability to take advantage of their own engineering designs to provide the City with the best design/product possible. Are any of the RFQ's specific dimensions mandatory for the truck's design or are they suggestions based on existing trucks within the city's fleet?

A11: Dimensions are to be used as a guide.

**END OF ADDENDUM #1**

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All Addenda will become part of the RFQ Documents.

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