

Request Grant Amendment

Amendment Number: EMW-2013-FO-04521-003

Federal share awarded: 463,559.00
Federal share requested: 412,732.00
Amount paid to date: 412,732.00
Amount of pending payments: 0.00
Balance of federal funds: 50,827.00

Grant Amendment Request

You may either type your request in the space provided below; or create the text in your word processing system and then copy it into the space provided below.

The scope of work has been completed for this grant as all equipment has been delivered and placed into service.

Due to favorable pricing, substantial costs saving were realized. We are requesting to use these remaining funds to purchase the following equipment:

- 3 - RIT Pack Assemblies - \$7,965.00 (\$2,655.00 each)
- 1 – Quantitative Face Piece Fit Test Machine – \$4,500
- 33 – Regulator Assemblies - \$40,755 (\$1,235.00 each)
- 12 – Face Pieces – 6 large and 6 medium - \$3,324 (\$277.00 each)

Total amount of this request is \$56,544.00 which will leave us with a slight overmatch.

Justification for RIT Pack Assemblies:

With the approval of this grant amendment, three RIT Pack Assemblies would be purchased and one each would be placed on our three ladder trucks. This provides the following benefits:

- The RIT PAK III is an all-inclusive emergency air supply system used by Rapid Intervention Teams to rescue first responders and other victims. It consists of a carrying device that houses the following items – one hour cylinder, pressure reducer, high pressure line, low pressure line, RIT specific mask, EZ flow regulator, remote air gauge, and assorted RIT tools.
- The RIT PAK III has a high pressure hose that connects directly to the downed first responder's X3 PAK RIC/UAC (rapid entry crew / universal air connection) fitting. This allows the downed first responder's cylinder to be rapidly filled with the air needed for escape or rescue. The RIT PAK III will work in all mutual aid situations, regardless of the SCBA type, insuring interoperability with neighboring departments.
- The RIT PAK III and RIC/UAC fittings are designed to save critical time and reduce the manpower required in an emergency rescue situation.

Justification for Quantitative Face Piece Fit Test Machine:

With the approval of this grant amendment, a new quantitative face piece fit test machine will be purchased, replacing the department's old machine. This provides the following benefits:

- The department's existing fit test machine was manufactured in February of 2004, making it just over 11 years old. Based on an 'End of Service Notification' letter from the manufacturer, they have discontinued repair for this model. Although the machine may still be able to be calibrated, this is not assured. Given its age, condition and repair history, additional repair/down time is expected in the future. Without the ability to reliably fit test the face pieces the safety of our personnel may be jeopardized.
- A new fit test machine will continue to provide 'quantitative' fit testing, a process that provides the most accurate and reliable statistics to prove the face piece is properly sealed to prevent outside atmosphere contamination.

Justification for Regulator Assemblies:

With the approval of this grant amendment, each fire department member will be issued their own regulators and all apparatus will have a spare. This provides the following benefits:

- Prevents exposure to contagious disease: To prevent the possibility of an exposure to a variety of

contagious diseases, a 'shared' inventory of regulators would need to be disinfected at least every two days (at morning shift change of our 48-96 schedule). The manufacturer's recommended disinfection procedure takes approximately 20 minutes to perform and recommends that regulators be allowed to air-dry prior to any use. Any emergency call experienced during the disinfection procedure would force the member to use the regulator prior to the completion of the drying cycle and also exposes them to the chemicals contained in the disinfectant solution. By issuing regulators to each member, this disinfection procedure does not need to be done so frequently and can be done when members are going off-duty.

- Ensures reliability of operation: By having their own regulator, each member will have complete knowledge of the regulator's history including its performance characteristics, maintenance or repair history, and exposure to severe heat or harsh chemicals and atmospheres. Knowing this history provides each member the confidence that the regulator will perform properly.
- Provides for spare regulators if needed: The inventory of a spare regulator on all apparatus ensures that a regulator is available for use during emergency situations when a member's regulator is damaged or missing.
- Proposed locations of regulators: Issued to personnel – 85 (all suppression and fire investigative personnel). Apparatus spares – 8 engines (1 each), 3 ladder trucks (1 each), 1 hazmat (1 each), 1 heavy rescue (1 each), 4 command/safety vehicles (1 each) – total for apparatus 17. Total regulators needed for this compliment - 102.

Total number of regulators acquired by the original grant – 69. Total regulators requested by this amendment – 33. Total regulators acquired through original grant and amendment – 102.

Justification for Face Pieces:

With the approval of this grant amendment, each fire department member will be issued their own face piece and all apparatus will have a spare. This provides the following benefits:

- Provides for spare face pieces if needed: The inventory of a spare face piece on all apparatus ensures that a face piece is available for use during emergency situations when a member's face piece is damaged or missing.
- Proposed locations of face pieces: Issued to personnel – 85 (all suppression and fire investigative personnel). Apparatus spares – 8 engines (1 each), 3 ladder trucks (1 each), 1 hazmat (1 each), 1 heavy rescue (1 each), 4 command/safety vehicles (1 each) – total for apparatus 17. Total face pieces needed for this compliment – 102.

Total number of face pieces acquired by original grant – 87. Total face pieces requested by this amendment – 12. Total face pieces acquired through original grant and amendment – 99. The 3 remaining face pieces to reach the recommended total of 102 would be purchased by the fire department.

Quotes for the items listed above have been obtained so only a short extension of the performance period would be necessary. We would like to request a two month extension of the grant's performance period.