Addendum #4

Contract Number: UMA17-13
Project Number: 1008485
Speedtype: 159359
Title: Brack Structural Test Facility, Aux Support

The attention of the bidders submitting proposals for the above subject project is called to the following addendum to the specifications and drawings. The items set forth herein, whether of omission, addition, substitution, or clarifications, are all to be included in and form a part of the proposal submitted.

The number of this Addendum (4) must be entered in the appropriate space “B. This bid includes addenda numbered (list all addenda)______” found on Page 51 – Form for General Bid, and for Page 59 – Form for Sub-Bid “B. This sub-bid includes addenda numbered (list all addenda)______”.

Item 1: In response to the following question; “Please provide the quantity, size and type of fire extinguishers required.” Specification Section 104400 – Fire Protection Specialties, Page 2, Paragraph 2.1, B, specifies the size and type of extinguisher to be supplied. The specification has been revised to call for 20lb extinguishers. Drawing No. UMA-4140A-A101, Revision A, added the location and quantity of fire extinguishers.

Item 2: In response to the following question; “Please confirm if foundation insulation will be required.” Foundation insulation is not shown on the drawings, therefore it is not required.

Item 3: In response to the following question; “Please identify the depth of gravel required under the building slab and chiller pad.” Drawing Nos. UMA-4140A-C102, Revision A & C103, Revision A, shows the following callout for the slabs; “1'-0" MIN. SELECT STRUCTURAL FILL PLACED AND COMPACTED IN 6" LIFTS – TYP.”

Item 4: In response to the following questions; “Will the material be delivered to the jobsite and offloaded in place by the owner.” The owner supplied equipment will be delivered to the jobsite but will be offloaded and placed by the GC. “If not, please provide quantity of pieces and weights.” There are two (2) chillers. Each weighs approximately 3,100 lbs. There is one (1) Hydraulic Pump Unit which weighs approximately 6,150 lbs. “Will the units be delivered as complete units or will assembly be required?” The units will be delivered complete. “Who is responsible for the start-up of the equipment?” The equipment supplier is responsible for startup.
Item 5: In response to the following question, "Please confirm that all testing and inspection services will be paid by UMASS." Specification Section 014325 - Testing Agency Services. Paragraph 1.2, A, states that UMA will pay for any independent testing services it decides to engage above and beyond any testing that the GC is responsible for as outlined in Paragraph 1.5, General Contractor’s Testing Responsibilities in Specification Section 014000 – Quality Requirements.

Item 6: In response to the following question; “Please confirm that the existing Brack structural testing facility will be shut down during construction when the electrical service is reworked and that temporary power for the facility will not be required.” No temporary power will be required during the electrical service rework.

Item 7: In response to the following question; “Please identify where the manhole covers referenced in Addendum #3 Item #12 will be installed and if these will be part of the Electrical contractor’s work or the GC.” The Manholes & covers referenced in Addendum 3 are not required anywhere in this project.

Item 8: In response to the following question; “Will a concrete door pad be installed in front of the new double doors?” No concrete door pad is shown on the drawings, therefore it is not required.

Item 9: In response to the following question; “What is the finish material to be between the new building and transformer and the existing building? Will this be gravel or pavement?” The finish material around the new building, transformer and pad is to be the existing sand & gravel material around the existing Brack Structural Testing Facility. There is no “pavement” specified on the drawings.

End of Addendum #4

By: John O. Martin
Director of Procurement
SECTION 104400  

FIRE-PROTECTION SPECIALTIES 

PART 1 - GENERAL 

1.1 GENERAL PROVISIONS 

A. Attention is directed to the CONTRACT AND GENERAL CONDITIONS and all Sections within DIVISION 01 - GENERAL REQUIREMENTS which are hereby made a part of this Section of the Specifications. 

1.2 DESCRIPTION OF WORK 

A. Work Included: Provide labor, materials and equipment necessary to complete the work of this Section, including but not limited to the following: 

1. Portable fire extinguishers. 
2. Mounting brackets for fire extinguishers. 

B. Alternates: Not Applicable. 

C. Items To Be Installed Only: Not Applicable. 

D. Items To Be Furnished Only: Not Applicable. 

E. Related Work: Not Applicable. 

1.3 SUBMITTALS 

A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each item. 

1. Fire Extinguishers: Include rating and classification. 

B. Maintenance Data: For fire extinguishers, include in maintenance manuals. 

1.4 QUALITY ASSURANCE 

A. Source Limitations: Obtain fire extinguishers through one source from a single manufacturer. 

B. NFPA Compliance: Fabricate and label fire extinguishers to comply with NFPA 10, "Portable Fire Extinguishers." 

C. Fire Extinguishers: Listed and labeled for type, rating, and classification by an independent testing agency acceptable to authorities having jurisdiction.
1.5 COORDINATION

A. Coordinate size of fire-protection cabinets to ensure that type and capacity of fire extinguishers indicated are accommodated.

PART 2 - PRODUCTS

2.1 PORTABLE FIRE EXTINGUISHERS

A. General: Provide fire extinguishers of type, size, and capacity for each fire-protection cabinet and mounting bracket indicated.

B. Multipurpose Dry-Chemical Type in Steel Container: UL-rated 2-A:10-B:C, 20-lb nominal capacity, with monoammonium phosphate-based dry chemical in enameled-steel container.

2.2 MOUNTING BRACKETS

A. Mounting Brackets: Manufacturer’s standard steel, designed to secure fire extinguisher to wall or structure, of sizes required for types and capacities of fire extinguishers indicated, with plated or baked-enamel finish.

B. Identification: Lettering complying with authorities having jurisdiction for letter style, size, spacing, and location. Locate as indicated by Designer.

2.3 FINISHES, GENERAL

A. Comply with NAAMM’s "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine roughing-in for hose valves and cabinets to verify actual locations of piping connections before cabinet installation.
B. Examine walls and partitions for suitable framing depth and blocking where recessed cabinets will be installed.

C. Examine fire extinguishers for proper charging and tagging. Contractor shall be responsible for fire extinguisher tagging by a certified service technician located within 75 miles of the project.

   1. Remove and replace damaged, defective, or undercharged units.

D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. General: Install fire-protection specialties in locations and at mounting heights acceptable to authorities having jurisdiction.

B. Mounting Brackets: Fasten mounting brackets to surfaces, square and plumb, at locations indicated.

C. Identification: Apply vinyl lettering at locations indicated.

3.3 ADJUSTING AND CLEANING

A. Remove temporary protective coverings and strippable films, if any, as fire-protection specialties are installed, unless otherwise indicated in manufacturer's written installation instructions.

END OF SECTION