

## **ADDENDUM #2**

DATE: November 15, 2016

TO CONTRACT DOCUMENTS ENTITLED: Blue Valley School District, MLT-1701  
BVN Training Room & Stanley Restroom  
Overland Park, Kansas

ADVERTISEMENT DATE: October 20, 2016

PREPARED FOR: Blue Valley School District USD#229

CONSULTANT: The Clark Enersen Partners

Drawings and Specifications for the above noted project and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect.

The Architect/ Engineer issues this addendum, applicable to the above named project, to all known Contractors before receipt of proposal.

This addendum includes Item Number 2-1 thru 2-1. This addendum item shall be fully incorporated into the Bidding/Contract Documents and have the same force and effect as though originally included.

The Bidder shall acknowledge receipt of this Addendum No. 2 on the Bid Proposal Form in the place provided.

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### **MECHANICAL:**

#### **DRAWING CHANGES:**

#### **Item 2-1: Sheet M0.00 – Mechanical and Plumbing Plans, Notes, and Specifications**

Add the following specification section to sheet:

#### **2 INSULATION AND IDENTIFICATION**

##### **2.1 DUCT INSULATION**

- FIBERGLASS WRAP, FLEXIBLE, NONCOMBUSTIBLE, 1.5 LB/CU FT DENSITY WITH FOIL FACED VAPOR BARRIER JACKET.
- DUCT INSULATION SCHEDULE:
- SUPPLY AIR DUCTS: 2" FIBERGLASS WRAP
- RETURN AIR DUCTS: NONE
- EXHAUST AIR DUCTS: NONE



## 2.2 PIPING INSULATION

- ASTM C547, RIGID MOLDED, NONCOMBUSTIBLE
- K-VALUE: ASTM C335, 0.23 AT 75 DEG. F.
- MIN. SERVICE TEMP: 0 DEG F.
- MAX. SERVICE TEMP: 1000 DEG. F
- MAX MOISTURE ABSORPTION: 0.2 PERCENT BY VOLUME.
- VAPOR BARRIER JACKET: ASTM C921, WHITE KRAFT PAPER REINFORCED WITH GLASS FIBER YARN AND BONDED TO ALUMINIZED FILM
- MOISTURE VAPOR TRANSMISSION: ASTM E96, 0.02 PERMS
- SECURE WITH SELF SEALING LONGITUDINAL LAPS AND BUTT STRIPS.
- TIE WIRE: 18 GAGE STAINLESS STEEL WITH TWISTED ENDS ON MAX.12" CENTERS.

### PIPE INSULATION SCHEDULE:

- CHILLED WATER: 1-1/2"
- HEATING WATER: 1-1/2" (1-1/2" PIPE AND SMALLER), 2" (2" PIPE AND LARGER)
- REFRIGERANT: 1" (LIQUID LINE), 1-1/2" (SUCTION LINE)
- DOMESTIC HOT WATER: 1-1/2"
- DOMESTIC COLD WATER: 1"
- STORM: 1"

INSULATED FITTINGS, JOINTS, AND VALVES. PVC FITTING COVERS ARE REQUIRED IN ALL AREAS.

2.3 SYSTEM IDENTIFICATION: PROVIDE AND INSTALL VINYL FILM TAPE WITH ADHESIVE BACKING WHICH INDICATES FLOW DIRECTION AND MATERIAL BEING CONVEYED (HWS, HWR, CWS, CWR, HW, CW, SUPPLY AIR, RETURN AIR, EXHAUST AIR, ETC.)

**Attachments: None**

**END OF ADDENDUM #002**