MBI

Addendum No. 1 — February 13, 2019

An Addition for:

Grand Oaks Elementary School

To: Prime contractors and all others to whom drawings and specifications have been issued. This Addendum forms part of the Contract Documents. It supplements and modifies them as follows:

A. Clarifications:

1. **Question:**
   There is no specific controls specification listed for the project, however, there are (2) RTU's that will need to be tied into the existing BAS per drawings M1.1 notation which is Automated Logic. Can someone produce a Sequence of Operations that will be required for these two units including what control points are being sought out.
   Response:
   The following sequence of operation is meant for RTU-1 and RTU-2 for this project:

   SEQUENCE OF OPERATION

   RTU-1 and RTU2 will be controlled the same way as described below.

   Fan
   The fan shall be energized during gymnasium occupancy. The fan shall cycle during non occupied times.

   Cooling
   The BAS shall communicate to the unit microprocessor to control cooling to bring the compressors on during a call for cooling. As the space is satisfied, the compressors will cycle off to maintain a temperature setpoint of 70F in the summer and 68F in the winter.

   Heating
   The BAS shall communicate with the unit microprocessor to control heating to energize the furnace during a call for heating. As the space satisfies, the furnace will cycle off to maintain an adjustable setpoint.

   Economizer
   An unit mounted enthalpy economizer shall open the Outside air damper to 100% and energize the power exhaust. The economizer will be locked out at manufacturer standard conditions.

   Dehumidification
   A duct mounted humidistat shall measure relative humidity of return air. The BAS will communicate with the unit controller to put the unit in dehumidification mode. The cooling will be engaged and the heating will be modulated in order to not over cool the space. The unit leaving air temperature during dehumidification is 70F.

   Automated Logic
   The BAS shall receive/send the following information:
   RTU-1 Fan start/stop/status
   RTU-2 Fan start/stop/status

Job Number: 170759

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Architecture: AA26000828
Interiors: IB26000665

RTU-1/RTU-2 Outside air temperature
RTU1/RTU-2 Condensing unit stages
RTU-1/RTU-2 Space Temperature
RTU-1/RTU-2 Furnace enable/disable
RTU-1/RTU-2 Economizer damper enable/disable and power exhaust enable/disable
RTU-1/RTU-2 Supply and Return Duct Smoke detectors
RTU-1/RTU-2 Unit Filter differential pressure

B. Specifications:

1. The requirement for HVAC, Plumbing and Electrical Sub-bidders to attend pre-bid conference as stipulated in the Invitation to Bid is waived. Attendance at Prebid Conference remains mandatory for Prime Bidders.

2. Specification 11 66 23.2 Basketball Backstops
   ADP LEMCO Incorporated, 13702 S 200 W, Draper UT 84020, Phone 801-280-4000 is approved equal manufacturer for Basketball Backstops and Volleyball Net Standards Sleeves. Exact items provided must meet all dimensional and operational requirements as specified in the drawings and project manual.

3. Specification 09 62 20 Resilient Athletic Flooring
   Specification Section 2.01 A, Materials is modified to “Resilient flooring shall be Taraflex Sport M flooring or approved equal.

4. Specification 09 62 20 Resilient Athletic Flooring
   Omnisports 7.1 with Omnisports HPL as manufactured by TarkettSports, Phone 888-364-6541, tarkettsportsindoor.com are approved equal products for Resilient Athletic Flooring with Indentation Resistant System. Install per manufacturer’s written instructions. Provide manufacturer’s warranty on flooring and accessories for minimum two (2) years.

End of Addendum

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