Addendum

Tower Project Name: WVNCC HVAC Controls and Repairs
Tower Project Number: 2020103
Client: WV Community & Technical College System
Prepared By: Tom Valerio
Date:

Addendum Number: 1

CLARIFICATIONS MADE DURING PRE-BID MEETING

1) All questions shall be submitted electronically to Tom Valerio at tvalerio@estower.com.

2) The final day to submit questions is August 26, 2021.

3) Bids will be received in hard copy format only. Submit sealed bids to the Community and Technical College System of WV, 1018 Kanawha Boulevard, East, Charleston, WV 25301 on or before 9/2/2021 at 3:00 PM.

4) Nameplate Data for RTU-4 and RTU-6 serving the New Martinsville Campus indicates the following data:
   a) RTU-4 is a Carrier Model 48PGFC08 with two R410A refrigeration circuits holding 11.75 lbs. each.
   b) RTU-6 is a Carrier Model 48P2D030600003GT1N with two R410-A refrigeration circuits holding 15.4 and 14.8 lbs. respectively.

5) Covid Protocols: The following statements represent present Covid Protocols being instituted by the College. The College reserves the right to change these protocols at any time without notice.
   a) Masks shall be worn by all personnel entering or occupying any College building.
   b) Beginning September 2, 2021, all personnel must present proof of Covid Vaccination or submit to regular testing for Covid infection.

SPECIFICATIONS

Item No. 1.01

SECTION 012300 Alternates

Article 3.1 Schedule of Alternates, Paragraph D. Alternate No. 1.4: Replace B&O Building VAV Terminal Unit Controllers and HW Control Valves, Article D.1 Base Bid:

DELETE the Base Bid description in its entirety and replace with the following:

1. Base Bid: Retain VAV terminal unit controllers, thermostats and hot water control valves as they exist today. Program each controller, actuator and control valve to meet the operating sequence specified in section. 230993.01 "B&O Building - Sequence of Operations for HVAC Control", article 3.7 Variable Air Volume (VAV) Terminal Boxes with Hot Water Reheat Coils. Test functionality, and submit report identifying instances which require replacement in order to meet the specified sequence. Note: The
existing thermostats are not equipped with CO\textsubscript{2} sensors, and no wall mounted CO\textsubscript{2} sensors are present. Accordingly, operating sequences related to CO\textsubscript{2} sensors would not apply.

**Item No. 1.02**

SECTION 012300 Alternates

Article 3.1 Schedule of Alternates, Paragraph D. Alternate No. 1.4: Replace B&O Building VAV Terminal Unit Controllers and HW Control Valves, Article D.2 Alternate:

DELETE article D.2.a in its entirety and replace it with the following:

a. Replace each existing VAV terminal unit programmable controller and damper actuator serving the B&O Building including thermostat, hot water control valve, hot water control valve actuator, strainer, calibrated orifice balancing valve, and service shut-off valves. *Furnish and install CO\textsubscript{2} sensors to serve VAV terminal unit zones where indicated on the drawings.*

**Item No. 1.03**

SECTION 012300 Alternates

Article 3.1 Schedule of Alternates, Paragraph G. Alternate No. 2.2: Replace Education Center VAV Terminal Unit Controllers and HW Control Valves Article G.1 Base Bid:

DELETE the Base Bid description in its entirety and replace with the following:

1. Base Bid: Retain VAV terminal unit controllers, thermostats and hot water control valves as they exist today. Program each controller, actuator and control valve to meet the operating sequence specified in section. 230993.01 “B&O Building - Sequence of Operations for HVAC Control”, article 3.7 Variable Air Volume (VAV) Terminal Boxes with Hot Water Reheat Coils. Test functionality, and submit report identifying instances which require replacement in order to meet the specified sequence. *Note: The existing thermostats are not equipped with CO\textsubscript{2} sensors, and no wall mounted CO\textsubscript{2} sensors are present. Accordingly, operating sequences related to CO\textsubscript{2} sensors would not apply.*

**Item No. 1.04**

SECTION 012300 Alternates

Article 3.1 Schedule of Alternates, Paragraph G. Alternate No. 2.2: Replace Education Center VAV Terminal Unit Controllers and HW Control Valves, Article G.2 Alternate:

DELETE article G.2.a in its entirety and replace it with the following:

a. Replace each existing VAV terminal unit programmable controller and damper actuator serving the B&O Building including thermostat, hot water control valve, hot water control valve actuator, strainer, calibrated orifice balancing valve, and service shut-off valves. *Furnish and install CO\textsubscript{2} sensors to serve VAV terminal unit zones where indicated on the drawings.*

**Item No. 1.05**

SECTION 230900 AUTOMATIC TEMPERATURE CONTROL FOR HVAC
Article 1.2 Summary, Paragraph G: DELETE paragraph G in its entirety. Paragraph G requires the BAS to be UL864 listed for smoke control and life safety / fire alarm use, which is not required for this project.

**DRAWINGS**

**Item No. 1.06**

DRAWING H2.03 – Title Education Center Third Floor HVAC Plan

ADD the attached drawing to the document set.

**Item No. 1.07**

DRAWING H2.04 – Title Education Center Fourth Floor HVAC Plan

ADD the attached drawing to the document set.

**END OF ADDENDUM**