ADDENDUM No. 3 – March 2, 2020

RE: Multicultural Center
Ball State University BSU Project No. 2018–052.01 MC

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated January 29, 2020 as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form Supplements. Failure to do so may subject Bidder to disqualification.

This Addendum is issued in accordance with the provisions of the Instructions to Bidders (AIA A701, 1997 Ed.) and Supplementary Instructions to Bidders Documents of the Project Manual.

This Addendum was created to address the following items.

CHANGES TO PRIOR ADDENDA:

1. None

CHANGES TO BIDDING REQUIREMENTS:

1. None

CHANGES TO THE SPECIFICATIONS:

1. 04 21 00 Unit Masonry, 2.1, A, 1.
   Add: Acceptable Manufacturers: Belden, Endicott or Glen-Gery.
   Add: Allowance: Allow $700 per thousand for purchase of brick as selected by the Owner.
2. 07 54 19 Fully Adhered Polyvinyl Chloride Roofing
   2.2, E. Insulation: Roof insulation shall have a minimum total R value of R-38. Cover board for roof area of Alternate 2 shall be ½ inch thick Dens Deck Prime or ½ inch thick SecureRock.
3. 09 51 00 Acoustical Ceilings, 2.1, A, 1.
   Change to: Provide Armstrong, Cirrus, Beveled Tegular.
4. 23 05 50 Noise Control
   Under 2.01 B. add “Price” as an approved manufacturer.
5. 23 82 39 Terminal Heating Units
   Under 2.03 G. add “Price” as an approved manufacturer.

CHANGES TO THE DRAWINGS
1. ET001 Telecom Riser Diagrams and Details
   a. Revised service conduit notes and routing to MDF on Telecom Riser Distribution diagram to be
      consistent with site plan.
2. E-501 Electrical Schedules
   a. Additional lighting manufacturers added to schedule.

ATTACHMENTS:

E-501 ELECTRICAL SCHEDULES
ET001 TELECOM RISER DIAGRAMS & DETAILS
Contractor questions with responses, dated 03/02/2020.

END OF ADDENDUM No. 3
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| 3.0  | SEE ARCHITECTURAL DOCUMENTS FOR MOUNTING LOCATIONS, DETAILS AND CONFIGURATION OF LIGHT FIXTURES. IF DRAWINGS DO NOT CLAR |
| 2.0  | MANUFACTURER TO PROVIDE ALL NECESSARY POWER SUPPLIES, CONNECTORS, AND MOUNTING ACCESSORIES FOR THE NORMAL OPERATION OF LIGHT FIXTURES LISTED UNDER EQUAL MANUFACTURER TO HAVE COMPONENTS, PERFORMANCE, AESTHETIC, FABRICATION, AND CONSTRUCTION EQUAL TO |
GENERAL NOTES:

A. ALL FINAL CONNECTIONS, CONNECTION HARDWARE, AND RACK ARRANGEMENT SHALL BE AS DIRECTED AND APPROVED BY

B. CONTRACTOR SHALL PROVIDE, INSTALL AND TERMINATE NEW CAT6A STATION CABLES AND RG6 COAXIAL CABLES TO EACH

C. RACK LAYOUTS ON THIS DRAWING ARE FOR GENERAL SIZING AND ARRANGEMENT ONLY. THE LAYOUTS SHALL BE REVIEWED

D. E.C. SHALL INSTALL 120V DUPLEX RECEPTACLE IN EACH RACK. LOCATION TO BE DIRECTED. CONNECT RECEPTACLE TO

E. BOLT EACH RACK SECURELY TO THE FLOOR SLAB WITH CONCRETE EXPANSION BOLTS. TYPICAL (4) LOCATIONS PER RACK.

F. E.C. SHALL INSTALL RUNWAY LADDER RACK DIRECTLY ABOVE EQUIPMENT RACK AT APPROXIMATELY 8'-0" OR AS INDICATED

G. E.C. SHALL INSTALL AND CONNECT ALL ADDITIONAL SYSTEMS CABLES NOTED BELOW TO THE MDF OR IDF ROOMS AS

CABLE TRAY NOTES:

1. TR RACK LOCATION

2. 18" LADDER RACK

3. TGB

4. TMGB

5. TR PLYWOOD MOUNTED FROM 6" - 8" AFF

6. 4" RISER CONDUIT

7. 4" HORIZONTAL CONDUIT TO CORRIDOR

8. CONDUITS TO TERMINATE JUST BEFORE FRONT EDGE OF LADDER RACK

9. LOCATION OF COPPER ENTRANCE PROTECTOR

10. (2) 6" ENTRANCE CONDUITS FOR COPPER AND FIBER ENTRANCE CABLING

11. CBORD ENCLOSURE LOCATION BY BSU

12. 2" RISER CONDUIT

13. DATA LOCATION

14. O.F.O.I. DATA DEVICE THEFT PANEL LOCATION

FUTURE RACK UTILIZE EXISTING 2" CONDUIT FOR ENTRANCE INTO EXISTING TUNNEL. FIBER INSTALLATION BY OWNER. SWAB EXISTING CONDUIT PRIOR TO INSTALLATION.
RFI RESPONSE

DATE: March 2, 2020
BY: Sanford E. Garner
RE: BSU Multicultural Center RFIs

1. Drawing 003-G includes an Interior Partition Height Codes legend. I am unable to locate these wall height
designations on the drawings anywhere. Please advise.
   a. The legend is not necessary for this project as the wall conditions are readily designated on the
drawings, please ignore.

2. In going through the Division 7 specification for this project while putting together a bid for the roofing
portion of the project, I have run into a couple questions which require clarification.
   a. I can find no actual thermal resistance ( R value ) called out for the new roof insulation system.
The “roof details” scale the new roof insulation at a total of 6” thickness ( R-34.8 ), plus the additional
   ½” cover board.

   What is the total R value required for the new roof system
   insulation ?
   a. See Addendum No. 3.

3. Section 07 54 19 Fully Adhered PVC Roofing calls out for a manufacturer’s standard cover board. The
manufacturer’s will probably request ½” High Density ISO cover board to be installed.
The Alternate 2 Roof Plan on drawing sheet A-120 indicates a future outdoor patio on a portion of the
roof.

   We feel it would be wise to use ½” Dens Deck Prime, or ½” SecureRock gypsum cover board on the
portion of the roof where the future outdoor patio is indicated as it has a
   much higher density than the HD ISO which would be used on a non-patio roof area.
   a. See Addendum No. 3.

4. For the acoustical ceilings, The specs call type A out as fine fissured, but the print (A-600) calls ACT out as Cirrus. The specs call type B out as Clean Room, but the print calls SVCT out as Kitchen Zone. Which ceilings tile(s) should we price?
   a. See Addendum No. 3.

Submitted By: Sanford E. Garner

CC:

ATTACHMENT: