This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents and Specifications dated March 29, 2019, and Addendum 01 dated April 12, 2019, as noted below. Portions of the bid and contract documents not altered by this Addendum remain in full force. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of the following:
- Clarifications
- Specification Changes
- Drawing Changes
- Sheet C502
- Sheet AE101
- Sheet EP101
- Sheet E-501

CLARIFICATIONS:

1. Hatch appearing in L1, L7 and L9 on AE202 is a generic CMU hatch not a ceramic tile product. CMU walls should receive block filler and epoxy paint per specifications.

2. Provide fibered emulsion mastic, trowel grade, ASTM D-1187 Type I equal to Karnak 920 at exterior of foundation walls with membrane transition strip into above grade air barrier system.

3. Is the trench detail A5 on C502 for the new primary electric trench correct? Detail has been revised, see Addendum 01

4. It is calling for (2) 4” Dia. Steel conduit w/Bitumastic Coating. There is a note in this detail that references Sch. 40 PVC? Detail has been revised, see Addendum 01

5. The specifications for underground conduit call for RNC not steel conduit. Steel conduit with bittumastic coating for primary duct.

6. Panel P1 circuits 14,16,18 are calling for 35A breaker but the fused disconnect shown on EP101 is shown as 30A Frame. Sizing of circuit breakers and fuses per NEC allow maximum (35A CB, 25A fuses).

7. Panel P1 circuits 19,21,23 are calling for 35A breaker but the fused disconnect shown on EP101 is shown as 30A Frame. Same as above

8. Is there an equipment schedule the specifies what type of cord end we should supply to match with the equipment plug as called for on detail D9 Sheet E-501? These should match with equipment

9. HP-1 on the equipment schedule sheet M-601 has an electrical listing of MCA29.9 and a MFS of 40. The disconnect shown on EP101 is only calling for a 30A Frame fused @ 15A. Should this be increased? Disc has increased to 60AF fused at 40A. Also circuit breaker at MDP increased to 2P-40A.

10. Can you clarify where the new Electric Meter shall be located? This should be coordinated with the university. One-line diagram indicates meter at transformer.

11. Clarify how many Plug in Unit Spares you would like to include in this bid? (attached pdf) One for each type.

12. Clarify the size of the Band Saw Disconnect (attached pdf) 30AF fused at 15A.
13. Could you please clarify if the intent is to recess the conduit and junction boxes in the block walls where possible to minimize the amount of surface/exposed conduit? All boxes and conduits to be surface mounted and painted at block walls. Group vertical drops whenever possible to provide a neat and workman like appearance.

14. Are the outlets on the east wall in the work bench area supposed to be mounted above or below the work bench? Above work bench, see Addendum 01

15. The work bench area is calling for Plywood to be fastened to the wall behind the bench, shall the outlets in this area be extended out to be flush with the plywood or shall the plywood be cut out around these outlets? See revised Sheet AE101.

16. Sheet CU101 shows the New Underground Primary with a detail on sheet C502-J1; This detail is for a secondary Trench. Can you please clarify the trench detail for the primary underground? Detail has been revised, see Addendum 01

17. Is the intent for the Contractor to supply the underground primary conduit only and the university will provide and install the primary conductors and terminations? Correct

18. Is there a trench detail for the new underground communications conduits? Yes, see Details in Addendum 01.

19. Will the university provide the communications cable feed and terminations to the IT room 108 fed from Gannett Hall? Yes, cables by University.

20. Detail A1 on sheet E-501 shows the demarcation point and the underground conduit going to Neville Hall. Can you please clarify where this feed is coming from? Conduits are from Gannett Hall instead of Neville Hall.

21. Is the new communications manhole applicable to this project on sheet C502-J5? Manhole has been deleted in Addendum 01.

22. Is the intent to install the exterior devices (outlets, Strobe, Knox, box, Card reader) surface mount or flush with the siding? Exterior devices are flush, except card reader and ADA operator are mullion mounted at storefront assembly.

SPECIFICATION CHANGES:

23. Section 26 05 43, Underground Ducts and Raceways for Electrical Systems:
   - Par. 2.1, ADD “FOR PRIMARY DUCT”
   - Par. 2.1.B, DELETE “PVC” and REPLACE with “Bitumastic”
   - Par. 2.3, DELETE in its entirety

24. Section 26 25 00, Enclosed Bus Assemblies, Par. 1.6.A.1, DELETE in its entirety and REPLACE with the following:
   “1. Plug-in Units: 10 percent of amount installed for each size indicated, but no fewer than one unit(s).

DRAWING CHANGES:

25. Sheet C502, Site Details, DELETE and REPLACE with attached sheet.

26. Sheet AE101, First Floor Plan, DELETE and REPLACE with attached sheet.

27. Sheet EP101, First Floor Power Plan, DELETE and REPLACE with attached sheet.

28. Sheet E-501, Electrical Details and Schedules, DELETE and REPLACE with attached sheet.

END OF ADDENDUM 02