

## BID ADDENDUM #05

November 11, 2020

This "Bid Addendum #05" forms a part of the Contract Documents and modifies the Bidding documents as noted below. Requirements of the Drawings and Specifications not changed or voided therein remain unchanged and in effect.

### **PRE BID RFI QUESTIONS AND RESPONSES:**

1. Question: Sheet E0.02 Note #5 requires UL Certification by an approved testing agency on the tap performed on a 2000A main bus. Note: Any UL testing agency will only perform a field evaluation and provide evaluation label stating the equipment complies with applicable requirements and it's not a UL certification. Will this be acceptable? Please advise  
**Answer: Above statement is acceptable.**
2. Question: Please confirm current existing campus Public Address system manufacturer as multiple are noted in section 275116.  
**Answer: Existing PA system is Valcum.**
3. Question: Will existing public address system support additional 12 classroom speakers without port expansion?  
**Answer: Port expansion is required in existing PA rack.**
4. Question: 271014 – Structured Cabling (New Sites), are there any campus standards, regarding product manufacturer that must be adhered to?  
**Answer: No product manufacturer standard. Product shall meet performance spec.**
5. Question: 274134 – Television System – Coaxial Distribution, Please clarify if an RF connection is required at each TV location? If not, please clarify where on the plans this spec section is applied.  
**Answer: No site Television System. Spec Section 27 41 34 is removed.**
6. Question: The soils report states that there were no anticipated slopes or retaining walls planned for the site. Please provide a recommendation for over excavation requirements of the wall footings. In addition, please have the soils company provide the recommended slope ratio for temporary back cuts for the retaining wall.  
**Answer: The temporary backcuts for construction of the proposed retaining wall may be cut vertically to a height of no more than 5 feet. Where backcuts need to be higher than 5 feet, the initial excavation should be observed by the Engineering Geologist to determine if adversely oriented bedding is exposed, which may require mitigation. If no adverse bedding is present, excavations extending higher than 5 vertical feet should be sloped back above the 5-foot vertical cut to a maximum steepness of one horizontal to one vertical (1H:1V).**
7. Question: With reference to section 271014 - Structured Cabling and 271015 - Premises Wiring for Convergence of Comm Systems, the two spec sections regarding structured cabling are generic and redundant. Please clarify which specification applies to this project?  
**Answer: Spec section 27 10 15 applies to this project. Section 27 10 14 is removed.**
8. Question: Section 271014 - Structured Cabling and 271015 - Premises Wiring for Convergence of Comm Systems, please clarify the following:
  1. Is Cat-6 or Cat-6A cabling required? **CAT6**
  2. Which cable manufacturer is acceptable for copper horizontal cabling? **Belden**
  3. Which cable manufacturer is acceptable for Fiber Cabling? **Berk Tech**
  4. What type of fiber cabling is required? Multimode or Singlemode? **Multi and Single Mode.**
  5. How many Fiber Strands are required? **12 Multimode and 12 Singlemode.**

6. What type of Telephone cabling is required between existing MDF and new building? How many pairs? **25 pairs.**
7. What type of IDF cabinet or rack is required in the new building? **Floor Standing Rack.**  
**Answer: SEE ABOVE.**
9. Question: Sheet E2.04 how many cables are required at each data outlet shown on plans?  
**Answer: Two cables at each data outlet.**
10. Question: Sheet E1.01 what type of fiber cabling is required? Multimode or Singlemode? How many Fiber Strands are required? What type of Telephone cabling is required between existing MDF and new building? How many pairs?  
**Answer: Fiber cable be twelve multi-mode and twelve six single mode fiber cable. Telephone cable shall be twenty five pair.**
11. Question: Section 271018 - Local Area Network Systems for Instructional Locations, this spec is generic and lists equipment typically provided by the school district. Please clarify the following:  
1. Which equipment is required for this project?  
2. Which equipment is provided by the contractor?  
3. Which equipment is owner furnished contractor installed?  
**Answer: Equipment provided by district and installed by contractor.**
12. Question: Section 271300 - Converged IP Telecom Systems, this spec calls out Communication Server which is typically installed at the Headend. Please clarify the following:  
1. Can we assume the headend is existing since this is an existing Campus? **Head end is existing.**  
2. Which equipment is required for this project? **24 Port Talkback intercom expansion module, 6 channel amplifier.**  
3. Which equipment is provided by the contractor? **ALL required equipment.**  
4. Which equipment is owner furnished contractor installed? **Contractor furnished and contractor installed.**  
**Answer: SEE ABOVE**
13. Question: Section 274134 - Television System - Coaxial Distribution, please clarify the following:  
1. Which equipment is required for this project?  
2. Which equipment is provided by the contractor?  
3. Which equipment is owner furnished contractor installed?  
**Answer: NO TV System.**
14. Question: Section 274136 - Voice, Video, and Data Convergence, please clarify the following:  
1. Which equipment is required for this project?  
2. Which equipment is provided by the contractor?  
3. Which equipment is owner furnished contractor installed?  
**Answer: This spec section is removed.**
15. Question: Section 274134 Television System – Coaxial Distribution, there is no television system equipment or cabling called out on E-sheets. Please clarify the following:  
1. Which equipment is required for this project?  
2. Which equipment is provided by the contractor?  
3. Which equipment is owner furnished contractor installed?  
**Answer: No TV System.**

16. Question: Section 275116 - PA and Intercom Systems and 275117 - Converged IP PA and Intercom Systems, please clarify the following:
1. These two spec sections are generic and redundant. Please clarify which spec applies to this project?
  2. Can we assume there is an existing PA system on campus? If so, what type of PA system is existing?

**Answer: Spec Section 27 51 16 applies to this project. Existing PA is Valcom system.**

17. Question: Section 275313 - Clock and Paging Systems, can we assume the master clock system is existing since we are adding a new building to existing campus? What type of clock is required in the classrooms?

**Answer: Clock is connected to existing PA/Bell system.**

18. Question: Retaining Wall Over-Excavation: On plan page A1.01 Demo Plan, Keynote 9 says to Over excavate (E) Hillside for new retaining wall. The soils report prepared by Earth Systems on July 15, 2019 does not mention any over- excavation of the retaining wall; can you please clarify if over- excavation is required under the wall?

**Answer: It is anticipated that footing excavations for the wall will encounter Mint Canyon Formation units at shallow depths. Footings may bear into firm bedrock units, therefore no over-excavation is required. Foundation excavations should be observed by a representative of Earth Systems after excavation, but prior to placing of reinforcing steel or concrete, to verify bearing conditions. Localized deepening of the footings may be necessary if soft spots are encountered.**

19. Question: Grading/Paving Plan C-3.01 Note 15 construct gutter behind wall per detail G on sheet C5.0, Utility Plan Sheet C4.01 storm drain note number 10 says construct 12" SDR 35 PVC pipe per gravity pipe trench details "AA" on Sheet 5.02. Both plan pages show drop inlets for the storm drain running through the concrete wall gutter. Is this the District's intention? If so, do they have a detail showing the drop inlets penetrating the concrete wall gutter? Is there a need for the storm drain since you have a v-gutter catching the runoff water already?

**Answer: Storm drain and catch basins in wall gutter are needed because there are low points in the wall/gutter profile. The storm drain and catch basins should be installed first and then the gutter will be poured around catch basins. No detail required.**

20. Question: Per Spec section 330533 item 2.02.A Joint Requirements item A requires 400 pound strength. Per manufacturer 400 pound strength cannot be achieved. Please advise.

**Answer: Storm drain shall be PVC SDR-35 per plan. 400 pound strength requirement does not apply. Refer to spec section 33 30 00 PVC Gravity Sewer Pipe for PVC SDR-35 specs.**

21. Question: Addendum #1 addressed the material spec for F1 Carpet Tile, but did not address the specifications for B2 Top Set base or B3 Top Set "Carpet" base. Please provide a size, manufacturer, and product specification for B2 & B3.

**Answer: B2 and B3; Top Set bases shall be type TPR rubber, coved; 4in high; 0.125 inch thick; Top Set in maximum practical lengths, Johnsonite or equal.**

22. Question: Please confirm that the pipe for the storm drain system is HDPE with HI-Q Sure-Lok gasket. And that the minimum pull-apart strength is 400 pounds per storm drain standard spec 330533. The plans indicate the storm drain pipe is PVC SDR-35.

**Answer: Storm drain shall be PVC SDR-35 per plan. 400 pound strength requirement does not apply. Refer to spec section 33 30 00 PVC Gravity Sewer Pipe for PVC SDR-35 specs.**

23. Question: Please provide insurance requirements (limits).

**Answer: \$2M per occurrence with \$4M aggregate for the General Contractor.**

24. Question: On the bid form (page 2 of 7) under item 2. Alternates it refers you to section 27 of the project manual, I can't find this section please provide. Or can please clarify if there are any alternates?

Answer: There are NO alternates for this project.

25. Question: Please confirm no trailer to be provide for inspector/architect?

Answer: Contractor must provide an office/trailer for the project.

26. Question: Regarding temp water/elect power can we tap into school services? Or is the GC to figure the cost for water and electrical consumptions during construction?

Answer: The District will supply water and power. The Contractor shall be responsible for establishing a temporary construction connection to existing lines during construction and for returning site utilities to pre-construction conditions upon completion of the project.

27. Question: In the Notice to Contractors Calling for Bids on page 4 at the bottom, it states that each bid shall be accompanied be a statement of Bidder's experience in the form of the Information Required of Bidder form set forth in the Contract Documents. We do not the this document anywhere in the contract documents including everything that was added with Addendums 1-3. Are you able to provide this form or does this not need to be turned in with the bid?

Answer: This form is no longer required. The Quality Bidder's prequalification process has replaced the need for this form.

28. Question: 38. Sheet E0.01 notes state that each data outlet shall have its own conduit to cable tray or pull box. Then what? Note 28 states all low voltage to be in conduit. Will it be acceptable to stub conduit to accessible ceiling space and install on J-hooks per industry standard to control cost of installation with mill tape.

Answer: Low voltage conductors shall be installed in conduit. Using J-hook is not acceptable.

29. Question: 39. Spec section 260533 underground conduit installation calls for PVC coated elbows and risers. In lieu of this will it be acceptable to use Sch80 PVC or GRC.

Answer: Install per spec.

30. Question: 40. Sheet E2.04 shows a symbol for security motion and clock. Are we to provide these systems? There is no conduit or terminal cabinets shown.

Answer: Security system is removed. Clock shall per provided per plan.

31. Question: 41. Sheet E2.04 has a symbol in the center of each room that is an S in a dark square. This is not on symbol list.

Answer: Ceiling mounted PA speaker.

32. Question: 42. FA1.01 indicates multiple new underground pull boxes. FA 0.01 calls for a 2x3x3 with H20 cover. This is a high cost box for one small conduit and (3) 16/2 cables and I don't understand the frequency of placement.

Answer: See revised fire alarm system drawings.

33. Question: 43. FA1.01 shows no conduit size for underground.

Answer: See revised fire alarm system drawings.

34. Question: 44. E1.01 shows a cabinet for CCTV but there are no exterior boxes for future use like we have provided for SSSD on past projects.

Answer: Exterior boxes shall be provided for future use.

35. Question: 45. Will it be acceptable to use #12 MC Cable for final light connection on 2x2 fixtures?

Answer: Using MC cable is not acceptable.

36. Question: Would it be acceptable to use ½ flex allowed by code in walls for branch circuits to limit the size of required hole that is bored.

Answer: Using ½" flex is not acceptable.

37. Question: Plan A7.01 Interior Finish Schedule please clarify B2 Top Base & B3 Top Set carpet base manufacturer and style.

Answer: B2 and B3; Top Set bases shall be type TPR rubber, coved; 4in high; 0.125 inch thick; Top Set in maximum practical lengths, Johnsonite or equal.

38. Question: I see Louvers at elevations and Louver Types 1 & 2 on sheet A7.01 but there is no Louver Specification, Can you please provide Louver spec.?

Answer: See Addendum 1, drawing sheet 3 of 11. Specification section 08 91 00 covers louvers.

39. Question: Sheet E2.07 roof power plan note 4 and 5 calls for (4) wires and a ground to each HVAC package unit. I have never seen a neutral required and it adds 20% to your wire cost.

Answer: No objection, not installing neutral conductor if acceptable by HVAC unit manufacturer.

40. Question: Please confirm that Spec section 274134 Television system - coaxial distribution will be required on this project.

Answer: TV system not required. Spec section 27 41 34 is removed.

41. Question: Per Plan M1.01, Key note #9 references 9/M1.01, this detail does not exist on M2.01, please advise.

Answer: This is miss referenced, see detail 3/M2.04 for correct detail location.

42. Question: Is there a Manufacturer you prefer for the Structured cabling aspect of the project? All we found was per manufacturer's specifications but no manufacturer. Please advise.

Answer: Optical Cable Corp.



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**END OF ADDENDUM #05**