



Appoquinimink School District
THE WORLD IS OUR CAMPUS

STATE OF DELAWARE

Appoquinimink School District

December 12, 2017

TO: ALL OFFERORS

FROM: Bob Hershey

SUBJECT: ADDENDUM TO REQUEST FOR PROPOSAL NO. 2:
Appoquinimink School District
Fairview Campus New Middle School and High School
Bid Package B

ADDENDUM NO. 2

TO

**APPOQUINIMINK SCHOOL DISTRICT
FAIRVIEW CAMPUS NEW MIDDLE SCHOOL AND HIGH SCHOOL
BID PACKAGE 'B'
TOWNSEND, DELAWARE**

The bid due date has been extended.

Bids are being received until 2:00 p.m. on Wednesday, December 20, 2017.

NOTICE: Attach this addendum to the project manual for this project. It modifies and becomes a part of the contract documents. Work for materials not specifically mentioned herein are to be described in the main body of the specifications and as shown on the drawings. Bidders shall acknowledge receipt of this addendum on the space provided on the Bid Form. Failure to do so may subject the bidder to disqualification.

Whenever this Addendum modifies a portion of the Project Manual added information is shown as **Bold** and deleted information is shown as strikethrough.

The contract documents for the above referenced project are amended as follows:

GENERAL CLARIFICATIONS:

1. None to Report

QUESTIONS AND ANSWERS:

1. General : no dimensioning is provided on the structural drawings. Please provide column line dimensioning along with interior dimensions that affect the design on all structural floor plans.
 - a. Dimensioning of structural drawings was provided in Sheets S101 through S108A included as part of Addendum #1.
2. The detail for PC6 shown on S003 is missing information on the reinforcing steel. Please provide.
 - a. Missing information for the reinforcing steel of PC6 was provided in the updated Sheet S003 included as part of Addendum #1.
3. General Notes G12 through G14 on Sheet S002 is missing information on the load schedule. Please provide.
 - a. Load Schedules are shown on Drawings S003. We will provide correct reference on Sheet S002 in Addendum #3.
4. Structural design of orchestra pit does not match architectural. Please coordinate.
 - a. Orchestra Pit Extents is Being Revised. We will provide additional information in Addendum #3.
5. Section 1/S505 – need to expand to show grade beam and retaining wall beneath stage. Also, need to show details on the cantilevered stage over the orchestra pit.
 - a. Additional Detail was provided in Addendum #1.
6. Provide a design/slab type for the cantilevered slabs overhanging the lower orchestra pit at the north and south ends of the pit.
 - a. Additional Cantilever Slab Design / Detail provided in Addendum #1.
7. Provide details/cuts through end walls of the orchestra pit (north and south)
 - a. We will provide additional details in Addendum #3 once revisions to the extent of the pit is completed.
8. Provide slab types for rooms adjacent to orchestra pit including bottom landings of stairs.
 - a. Slab Type S1 at bottom landing of stairs. See Addendum #2.
9. Current structural design of the orchestra pit has steel columns located in the middle of planned doorways. Please coordinate between architectural and structural design.
 - a. Orchestra Pit Extents is being revised. We will provide additional information in Addendum #3.
10. The concrete slab at the stage is called to be S6 which is a 12" thick slab. Is this correct?
 - a. See Addendum #1.
11. The slab in the middle school gymnasium is shown to be type S1. Should this be S5 to match the main gymnasium floor slab type and to allow a recess for the wood flooring?

- a. The middle school gymnasium floor is to be recessed a maximum of Slab Type S5; however, final floor system may not be a wood floor. Therefore, keep Slab Type S1 but provide a recessed floor similar to Slab Type S5 for bidding.
12. Areas C and D (Sheets S113 and S114) need more detailing of the foundation walls to allow for bidding. Please provide section and wall cuts for the exterior and interior walls.
 - a. See updated drawings included in Addendum #1. Additional details are to be provided in Addenda #2 and 3.
13. No slab type is provided for the tiered seating audience area of the PAC. Please provide slab types and a section through this tiered area.
 - a. See updated drawings included in Addendum #1.
14. The flooring alternate (to provide terrazzo tile in lieu of resilient tile) needs to be coordinated between the architectural and structural drawings. The description of the alternate is incorrect in the structural plans – it should read that no recess is required as part of base bid and recessing of the slab is needed for the terrazzo tile add alternate.
 - a. All floor slabs / recesses / alternates have been coordinated with architect. See Addendum #1.
15. Provide section cuts through elevator pits.
 - a. Elevator Pit sections are shown on Typical Foundation Details. Additional cuts shown in Addendum #1 at lifts.
16. Piles are shown beneath the exterior masonry site walls in the loading dock areas of Area D. Are these necessary?
 - a. Yes.
17. Area H – Provide sections/cuts through the interior masonry walls at the perimeter of the gymnasium.
 - a. See updated drawings included in Addendum #1.
18. Individual Piles are not shown beneath the run of interior grade beams. This is most evident in the floor plans of Areas B, D, G, and H. Are piles required beneath these grade beams?
 - a. No.
19. Sheet S118.A needs much more detailing. All notes appear to be pointing at wrong locations, individual piles are not called out, and details/sections are required at exterior and interior foundation walls. In addition, the gymnasium slab type called out on Sheet S118A does not match the slab type of the original gymnasium slab.
 - a. Sections & Slabs will be coordinated in Addendum #3. Provide similar details shown on Sheet S118.
20. Layering appears to be off in Section 3/S507. The rebar is all shown beneath the footer. Please correct.
 - a. See updated drawings included in Addendum #1.
21. The ramps, stairs, and canopies at the ends of Areas A and G were not shown previously. The new ramp being installed to Area G has a masonry retaining walls with individual piles along the length of the ramp's grade beams. Are piles necessary for this installation or would standard spread footings work? Are the masonry walls needed or can the ramp and associated walls be formed concrete?

- a. Yes, provide as shown.
22. Page 004100-9 – Alternate No. 3 and No 4 are listed but we do not see Alternate No. 1 and No2. Please confirm that these do not exist.
- a. Alternates 1 and 2 do exist. Alternate #1 is for additional sidewalks within the campus green and Alternate #2 is to change the lacrosse/field hockey fields to synthetic turf. Neither of these alternates affect Contract B-03: Timber Driven Piles, so they were not included in that contract's bid form.
23. Page 004100-10 – Lists items 16. And 17. asking for piling per each (16) and One linear foot (17). Please clarify the description of these items, specifically the meaning of "BULK" and "TRENCH". Also please provide a description to calculate cubic yardage for these items as none can be found in the Technical Specification.
- a. Please see the bid form reissued in Addendum #1. All reference to "Bulk" and "Trench" and cubic yardage have been removed from the Timber Driven Pile bid form.
24. A note stipulates that the price between the ADD and DEDUCT "should" not exceed 15%. Please confirm the use of the word "should" as opposed to the word "shall".
- a. The latter is correct. The difference in price between Add and Deduct unit prices **shall** not exceed 15%.
25. Please confirm that contract b-02 site work does not include providing power to the pumping stations and automatic gates.
- a. Correct. Power to the pumping stations and automatic gates will be provided by the electrical contract which will be included in Bid Package 'C'.
26. Are the pile shoes prescriptive? We generally use a ¼" thick hot-rolled steel matching the 8" diameter of the tip.
- a. That pile shoe is acceptable.
27. For the timber pile unit pricing requests, do you have a baseline number of timber pile or lineal feet from which we add/deduct?
- a. Per bullet #6 in the Timber Driven Pile scope of work, all piles are to be estimated as 35' long. This is the baseline linear feet from which the add/deduct linear feet unit price will be utilized. The number of piles is based upon the drawings. If a pile is not shown on the foundation plans or not listed as typical or if a pile shown is deleted per the design team's direction, then the add/deduct unit price for each additional pile will apply.
28. Timber pile specification has language about driving shoes. The summary of work does not indicate that driving shoes are required. Please advise if driving shoes are required.
- a. Yes, provide pile shoes.
29. Number 5 of the summary of work indicates that a PDA (dynamic pile testing) is to be used during 16 EA probe (test) pile installation. Section 3.2C indicates that dynamic pile testing is to be done during initial driving and restrrike on 3% of the piles. 3% of the total pile quantity is much greater than 16 EA. Please clarify how many probe (test) piles are to be driven. Please clarify is dynamic pile testing is only to be performed on the probe (test) piles.

- a. Dynamic pile testing performed on test piles (Total of 16). Restrike test piles only (total of 16).
30. Are we to include restrikes on all probe (test) piles? Is dynamic pile testing to be performed during all restrikes?
 - a. Restrike required on Test Piles (Total of 16) only.
31. Are we to include restrikes on any production piles? If so, how many and will dynamic monitoring be required?
 - a. Restrike required on Test Piles (Total of 16) only.
32. Is the Contractor or Owner responsible for hiring and paying for the dynamic testing consultant?
 - a. The owner will provide a geotechnical engineer to perform the dynamic testing and to monitor the production piles.
33. The bid form has a unit price (add & deduct) per LF of timber pile. The summary of work requires that bids are to be based on 40' long test piles. Please confirm that the deduct unit price WILL NOT be applied to test pile cutoff lengths.
 - a. Deduct unit prices will not be applied to the test piles.
34. The bid form has a unit price (add & deduct) per LF of timber pile. The summary of work requires that bids are to be based on 35' long production piles. Actual production pile lengths will be determined from the test pile results. Please confirm that the deduct unit price WILL NOT be applied to ordered production pile cutoff lengths.
 - a. The deduct unit price will be applied for the difference between the bid length of 35' and the actual production pile length based upon the test pile results. For instance, if the test piles show that all piles can be ordered shorter than the estimated 35', then a credit is to be issued based upon the difference in length and the unit cost proposed.
35. How much topsoil & common is on site for use in grading?
 - a. The cadd files issued contain updated existing contours that reflect the as-built contours of the stockpile to date.
36. Do we own moving the current stock piles to new locations? The current stockpile locations look to be in the way of the athletic fields and upper part of stadium way, also there doesn't seem to be any stock pile locations on the E&S plans.
 - a. Yes, locations and coordination should be coordinated with EDiS project schedule
37. Does outlet structure 3 not exist?
 - a. There is no OS#3
38. Will the section detail for "concrete pad" be released in the next addendum?
 - a. The concrete pads for the portable bleachers are not included in this contract – they will be installed with the athletic facilities
39. Are we to assume that all roadway striping is to follow DelDOT spec for epoxy painting?
 - a. Yes, all signing and striping is to be in accordance with DelDOT spec.
40. Does the site work contractor own the "proposed wall" in front of the school along the walks?

- a. No. Contract B-04 : Concrete is to provide excavation, installation, and backfill of the concrete foundation for this wall as detailed on Sheet S302. Masonry for this wall will be included in the masonry contract of Bid Package 'D'.
41. The civil drawings still appear to show the natatorium along with associated utilities and paving that was removed as part of Value Engineering. Please delete this from the drawings or cloud the area to show as future work not included in this bid package. If the natatorium is deleted, should the utilities still be run to this future location and capped off as part of this package?
 - a. The natatorium area items were clouded as part of Addendum #1 and labeled NIC. The 6" water service to and including the fire hydrant must be installed. The 6" service to the natatorium does not need to be installed.
42. The civil drawings still appear to show storage sheds at the auxiliary football field and lacrosse fields that were removed as part of Value Engineering. Please delete this from the drawings or cloud the area to show as future work not included in this bid package.
 - a. The sheds were clouded as part of Addendum #1 and labeled NIC. The sheds needed to remained on civil plans in order to preserve the square footage and design approval with the review agencies should ASD decide to install them in the future.
43. Is additional piping and hose bibbs required to feed sprinklers at the courtyard and the Green? Or is the expectation that ASD can utilize hose bibbs at the perimeter of the buildings?
 - a. Landmark expects that the courtyard area can utilize hose bibb(s) on the building if they are being provided for in the MEP design. One hose bib has been added within the Green. See Sheet C-126 that was issued with Addendum #2.
44. There is an error in the revised civil drawings issued in Addendum #1. The Storm Drain Schedule is still not complete. Please provide the completed schedule asap.
 - a. A revised Sheet C-154 has been issued with Addendum #2. This now includes complete charts for storm drainage and roof leader systems.
45. What type of paint is used for the line striping, latex, solvent based, or epoxy? The existing elementary school is using solvent based paint.
 - a. Please see General Construction Note 15 on Sheet C-001
46. What type of paint are the stop bars, crosswalks and fire lane wording, latex or thermoplastic?
 - a. Please see General Construction Note 15 on Sheet C-001

MODIFICATIONS TO SPECIFICATIONS:

- 1) SPECIFICATION SECTION 011100 : Summary of Work – Contract B-02 : Sitework
 - a. Page 12 –Add Bullet #50:

“50. Provide concrete sidewalks, grading, topsoil, and seeding within open courtyards within the school perimeter.”
- 2) SPECIFICATION SECTION 011100 : Summary of Work – Contract B-04 : Concrete
 - a. Page 18 –Add Bullet #42:

"42. Provide concrete grade beams, pile caps, and slabs associated with exterior patios and ramps at the ends of Areas A and G and with all walk-out slabs at exterior doorways as shown on the structural plans."

b. Page 18 –Add Bullet #43:

"43. Provide excavation, installation, and backfill for the concrete foundations and reinforcing steel associated with the masonry walls at the high school and middle school entrances as shown on Sheet S302."

3) SPECIFICATION SECTION 013700 : BIM Coordination

a. Insert Specification Section 013700 into the project manual.

MODIFICATIONS TO DRAWINGS:

1) Civil Drawings

- a. Delete Sheet C111, and replace with Sheet C111, Revision 2, dated 12/08/2017, attached to this Addendum.
- b. Delete Sheet C113, and replace with Sheet C113, Revision 2, dated 12/08/2017, attached to this Addendum.
- c. Delete Sheet C114, and replace with Sheet C114, Revision 2, dated 12/08/2017, attached to this Addendum.
- d. Delete Sheet C117, and replace with Sheet C117, Revision 2, dated 12/08/2017, attached to this Addendum.
- e. Delete Sheet C118, and replace with Sheet C118, Revision 2, dated 12/08/2017, attached to this Addendum.
- f. Delete Sheet C121, and replace with Sheet C121, Revision 2, dated 12/08/2017, attached to this Addendum.
- g. Delete Sheet C122, and replace with Sheet C122, Revision 2, dated 12/08/2017, attached to this Addendum.
- h. Delete Sheet C125, and replace with Sheet C125, Revision 2, dated 12/08/2017, attached to this Addendum.
- i. Delete Sheet C126, and replace with Sheet C126, Revision 2, dated 12/08/2017, attached to this Addendum.
- j. Delete Sheet C154, and replace with Sheet C154, Revision 2, dated 12/08/2017, attached to this Addendum.
- k. Delete Sheet C500, and replace with Sheet C500, Revision 2, dated 12/08/2017, attached to this Addendum.
- l. Delete Sheet C502, and replace with Sheet C502, Revision 2, dated 12/08/2017, attached to this Addendum.
- m. Delete Sheet C543, and replace with Sheet C543, Revision 2, dated 12/08/2017, attached to this Addendum.

2) **Architectural Drawings**

- a. Nothing to Report

3) **Structural Drawings**

- a. Delete Sheet S003, and replace with Sheet S003, Revision 2, dated 12/11/2017, attached to this Addendum.
- b. Delete Sheet S113, and replace with Sheet S113, Revision 2, dated 12/11/2017, attached to this Addendum.
- c. Delete Sheet S114, and replace with Sheet S114, Revision 2, dated 12/11/2017, attached to this Addendum.
- d. Delete Sheet S302, and replace with Sheet S302, Revision 2, dated 12/11/2017, attached to this Addendum.
- e. Delete Sheet S303, and replace with Sheet S303, Revision 2, dated 12/11/2017, attached to this Addendum.
- f. Delete Sheet S304, and replace with Sheet S304, Revision 2, dated 12/11/2017, attached to this Addendum.
- g. Delete Sheet S501, and replace with Sheet S501, Revision 2, dated 12/11/2017, attached to this Addendum.
- h. Delete Sheet S509, and replace with Sheet S509, Revision 2, dated 12/11/2017, attached to this Addendum.

ATTACHMENTS

- SPECIFICATION SECTION 013700 : BIM COORDINATION (pages 1 – 60)

- SHEET C111 – SITE LAYOUT AND UTILITY PLAN
- SHEET C113 – SITE LAYOUT AND UTILITY PLAN
- SHEET C114 – SITE LAYOUT AND UTILITY PLAN
- SHEET C117 – SITE LAYOUT AND UTILITY PLAN
- SHEET C118 – SITE LAYOUT AND UTILITY PLAN
- SHEET C121 – SITE LAYOUT AND UTILITY PLAN
- SHEET C122 – SITE LAYOUT AND UTILITY PLAN
- SHEET C125 – SITE LAYOUT AND UTILITY PLAN
- SHEET C126 – SITE LAYOUT AND UTILITY PLAN
- SHEET C154 – LINES AND GRADES PLAN
- SHEET C500 – SITE DETAILS AND SECTIONS
- SHEET C502 – SITE DETAILS AND SECTIONS
- SHEET C543 – CONSTRUCTION SITE DETAILS AND NOTES

- SHEET S003 - PROJECT SCHEDULES
- SHEET S113 – FOUNDATION PLAN - AREA C
- SHEET S114 – FOUNDATION PLAN - AREA D
- SHEET S302 – PARTIAL PLANS

- SHEET S303 – PARTIAL PLANS
- SHEET S304 – PARTIAL PLANS
- SHEET S501 – TYPICAL FOUNDATION DETAILS
- SHEET S509 – FOUNDATION SECTIONS AND DETAILS

END OF ADDENDUM NO. 2

All other terms and conditions remain the same.