

**ADDENDUM FOUR**

**PROJECT:** Hartington-Newcastle Public Schools  
New Vo-Ag Building Project  
KPE# 416-003

**DATE OF ISSUE:** June 07, 2019

**BID DUE DATE:** June 13, 2019 at 2:00pm

**NOTICE**

This addendum is issued by KPE to all known individuals, firms, or corporations who have obtained or received bidding documents and contract documents for the above listed project. This addendum shall become part of the contract documents as a revision to the original documents.

This addendum is issued to modify, supplement and/or clarify the original Bidding Documents and shall be considered supplemental thereto. Each Bidder shall indicate consideration of the Addendum by completion of the appropriate blank space on the Bid Form and shall be responsible for advising prospective suppliers and sub-contractors.

**PLAN HOLDERS LIST** can be obtained at A&D Technical Supply, 4320 S. 89th Street, Omaha, NE 68127 - Phone: (800) 228-2753 or Email: [raechel@adtechsupply.com](mailto:raechel@adtechsupply.com). Contact: Raechel.

**ACCEPTABLE MANUFACTURERS/PRODUCTS:** In addition to the specified items, the following manufacturers are acceptable for bidding purposes only. This is not an approval of specific items. Proposed items must meet or exceed all aspects of the specified items. It shall be the manufacturer's responsibility to provide equivalent products for the specified products. Review of suitability of substituted products shall be done through substitution requests. Additional engineering or design required for substituted products shall be at the contractor's expense.

**SECTION 123216 – MANUFACTURED PLASTIC LAMINATE FACED CASEWORK**

1. Maloney, Inc.

**SECTION 133419 – METAL BUILDING SYSTEMS**

1. Sentinel Building Systems (AGI Brand)
2. Alliance Steel Building Systems

**SECTION 224216.13– COMMERCIAL LAVATORIES**

1. Delta
2. Symmons

**SECTION 224216.16– COMMERCIAL SINKS**

1. Mustee
2. Delta
3. Elkay

SECTION 238316– RADIANT-HEATING HYDRONIC PIPING

1. Pex Piping – Zurn
2. Manifold – Caleffi

SECTION 235416.13 – GAS-FIRED FURNACES

1. Goodman

SECTION 239119 – FIXED EXTRUDED LOUVER

1. Arrow United Ind.

SECTION 265119 – LED INTERIOR LIGHTING

1. HE Williams: Fixture Types 1, 1A, 1E, 2, 3, 3E, 4, AND 5
2. LightAlarms (Thomas&Betts): Fixture Types EM1, EM2, AND X1

**CHANGES TO SPECIFICATIONS:**

SECTION 097720 – FIBERGLASS REINFORCED LAMINATED PANELS

1. Paragraph 2.1.B: Revise the following sections to read:
  - a. Change: “Symmetrix FRP (Subway Tile)” to be “Standard FRP”
  - b. Change: Finish from “smooth” to “pebbled”.
  - c. Change: Color from “C 100-G63 White” to read “P 199 Bright White Class A”.
2. Paragraph 2.1C: Revise the following section to read:
  - a. Change: “The adhesive used should be the manufacturers recommended standard, that complies with ASTM C 557”.

**CHANGES TO DRAWINGS:**

SHEET NO. A111 – FLOOR PLAN

1. Revise: Note in detail 3/A111 to read “FRP Wainscot, Typ.” In lieu of “Stainless FRP Wainscot, Typ.”

SHEET NO. P601 – PLUMBING SCHEDULES AND FIXTURES DESCRIPTIONS

1. Change WC-1 fixture description to the following:  
“**WC-1:** FIXTURE: FLOOR MOUNT, ELONGATED FRONT RIM, ADA COMFORT HEIGHT, VITREOUS CHINA FIXTURE, TANK FLUSH TOILET. EXAMPLE: ZURN Z5555”.

**QUESTIONS:**

**Q:** Is the interior F5 window hollow metal or aluminum?

**A:** This window is to be hollow metal. This was answered in Addendum Two but was referred as window type F4 and the window type was changed to F5 in Addendum Three.

**Q:** WC-1 has an example of a tank toilet but has characteristics of a flush valve toilet. Please confirm type of toilet.

**A:** WC-1 is to be a tank style toilet.

**Q:** Exterior Concrete Cure - I am unsure as to which product we are to use for cure on the exterior concrete. I do not see it called out on the site pages. We usually use a white pigmented type of cure. Is that sufficient?

**A:** Curing materials shall be liquid, membrane forming compounds, polyethylene sheeting, or an asphalt emulsion. Liquid, membrane forming compounds for curing PCC shall conform to the requirements for Type 1, 1-D, or 2, Class B as defined by ASTM C309, Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete. Polyethylene sheeting for curing PCC shall conform to the requirements of ASTM C171, Standard Specification for Sheet Materials for Curing Concrete. Asphalt emulsion for curing low strength concrete shall conform to the requirements for Type SS-1h as defined by ASTM D977, Standard Specification for Emulsified Asphalt.

**Q:** Interior Concrete Cure - In regard to the interior cure. Section 33000 item 2.6A indicates a Penetrating Liquid Floor treatment. Does this product also act as a curing agent or do we need to place cure after the pour and this product later on? We had initially planned on having the concrete sub place the first coat of the penetrating sealer and then have the painter place the finish coat of the sealer at the end of the project. Will that work?

**A:** I talked with a manufacturer's rep and they said that this product acts as a curing agent, but it is not a curing compound. For the first coat, you should use MasterKure HD 100WB (or similar product) and that should be placed the day that they place the concrete. For the finish coat, you should use MasterKure HD 200WB (or similar product) and that should be placed after the concrete has had time to cure or at least 21 days. For any additional information or questions, the contractor should contact the local manufacturer's rep.

**Q:** Please review the attached spec for 4" granular fill. The granular material that Terracon wants us to use is not readily available. We have always used a NDOT road gravel for the 4" granular fill below the slab. The material is hard to get from South Dakota the way it is, but this year it is especially hard since that material is being used for all the repair work throughout the country. It's also about 4 times more expensive. Many times, this material is removed from the project and we have to offer the owner a deduct to use regular road gravel. I feel that as long as we get it compacted right, we should not have any issues, especially since we are building the site up to it up to grade in our earthwork package.

**A:** The provided material gradation (47-B) meets our recommended gradation for use as the 4-inch thick aggregate base layer below the floor slabs.

Once compacted, care should be taken to prevent disturbance of the granular base layer. This material is river sand and will not support construction traffic. In addition, using remote placement (e.g. side discharge concrete equipment) and keeping personnel off of the compacted base layer will be important in preventing disturbance.

**Q:** Is 24-gauge roof panel acceptable?

**A:** The roof panel thickness shall be designed by the manufacturer according to the applicable building codes.

**Q:** Is 24 gauge or 26 gauge wall panel to be quoted?

**A:** The wall panel thickness shall be designed by the manufacturer according to the applicable building codes.

**Q:** Is liner panel to be 24 gauge or 26 gauge material?

**A:** The liner panel thickness can be 26 gauge.

**Q:** Does the liner panel really need to be Kynar finish?

**A:** The liner panel can be the manufacturers standard finish.

**Q:** Are soffits to be ADP-2 or flat 12" wide panels?

**A:** The soffit panels shall match the wall panels. This was answered in Addendum Three.

**Q:** Can the soffit be typical angled on sidewalls or is it required to be flat bottom orientation?

**A:** If there is a cost savings to the project, then the orientation of the soffits can be angled on sidewalls.

**Q:** Specifications call for R-26 roof insulation. The plans call out R-25 + R-13 energy saver. Which is correct?

**A:** The R-value for the roof insulation should be 28. This was clarified in Addendum Three.

**Q:** The specification calls for 'repair and replace' of the roof panels. Behlen interprets this to be a No Dollar Limit replacement warranty.

**A:** The warranties shall be bid as specified.

**Q:** This NDL warranty cost and an optional standard weathertightness 20-year warranty will be offered on the proposal. The standard Behlen weathertightness does not require additional independent inspections.

**A:** The warranties shall be bid as specified.

END OF ADDENDUM FOUR