

DATE: July 23, 2019

DEPARTMENT OF GENERAL SERVICES
BUREAU OF PRE-CONSTRUCTION
1800 HERR STREETS
HARRISBURG, PENNSYLVANIA

ADDENDUM NO. 3

on

PROJECT NO. DGS C-0987-0001 PHASE 001

PROJECT TITLE - PA State Archives - New Construction State Archives and Records Center Annex

PROFESSIONAL:

Vitetta Group, Inc.
645 North 12th Street
Lemoyne, PA, 17043

If you submitted a bid through e-Builder prior to this Addendum being issued, your bid has been discarded and you must re-submit your bid(s) through e-Builder prior to the bid opening date and time. Please see Section 4.C. of the Instruction to Bidder

Item 1 - Notice to Proposers Page 2: Added the following: The Department will make the existing American Legion available for review between 9:00 a.m. and 9:45 a.m. on Friday, July 26, 2019. No one will be permitted to enter the building after 9:30 a.m. There is no electricity or operating light fixtures within the building. Persons interested in reviewing the building interior shall bring their own flashlights or head lamps

GENERAL CHANGES – ALL CONTRACTS

Item 2 - **QUESTION:** Please confirm if second tier subcontractors and suppliers count towards our SB and SDB goals. If yes, how do we identify them in our proposal and account for their dollar values?

ANSWER: Refer to revised Administrative Procedure 13 included in Addendum No. 3.

Item 3 - **QUESTION:** Please provide Section 102600 "Wall Protection" as referenced on Material Legend WG/WCG and as shown on Drawings A-211A and A-213A.

ANSWER: Basis-of-Design is Acroyn CO-8; CS Group.

Item 4 - **QUESTION:** Detail 14/A-213A calls for a ladder and raised platform to access Elevator 2. No details, sections or specifications are given for these items. Please provide.

ANSWER: Follow details at 15/A-502 and 16/A-502 for construction of platform. Follow platform dimensions on Drawing A-213A.

Item 5 - **QUESTION:** On Drawing C-300, there appears to be something (curb?) bordering the 5 planting beds along N. 6th Street. Please clarify what these are and provide details.

ANSWER: Refer to Drawing A-201.2. These planter borders are to be constructed using the salvaged granite curbs.

Item 6 - **QUESTION:** Drawing C-400 appears to show new curb and sidewalk at the entire perimeter of the site, but Drawing C-200 shows only portions of the existing curb and sidewalk to be demolished. Please clarify the extent of demolished and new curb and sidewalk.

ANSWER: All curbs around perimeter of site should be demolished. All granite curbs should be salvaged for re-use.

Item 7 - **QUESTION:** Please provide asphalt paving details for the roadway overlay and full-depth replacement.

ANSWER: Details added via Addendum No. 3. Refer to Drawing C-600.

Item 8 - **QUESTION:** Section 010100, 1.4.B.92, lists storm drains and piping at the plazas and planters. This work does not appear on Drawing C-400. Please provide information about the plaza and planter drainage.

ANSWER: Refer to Drawings A-100A and A-100B.

Item 9 - QUESTION: Section 010100, 1.4.B.93, lists storm water work for the mechanical yard canopy drainage and piping. This work does not appear on Drawing C-400. Please provide information.

ANSWER: Refer to Drawing A-100A.

Item 10 - QUESTION: Does the .1 Contractor or the .3 Contractor own the site sanitary work? It does not appear in either written scope of work.

ANSWER: The sanitary to 5'-0" beyond the building wall is in the .3 Contract; the sanitary from 5'-0" beyond the building wall is in the .1 Contract.

Item 11 - QUESTION: Please provide dimensions for all sidewalks and asphalt paving.

ANSWER: Added via Addendum No. 3. Refer to Drawing C-300. Refer to Drawing A-201.2 for dimensions at the Plaza Maximums and Plaza Minimus.

Item 12 - QUESTION: Landscape Drawing L-211 has a note at the top stating "Fence (by others) with 18-inch gravel strip - 9' on each side - no mow area (see Drawings A-040 Site Diagram and A-201A First Level Architectural Floor Plan Area A for additional information." Please clarify the fence is not "by others" but by the .1 Contractor in Base Bid 2. This note references Drawing A-040, which is not included in the published drawing set. Please provide this drawing. This note also refers to Drawing A-201A, which does show the fence in plan view. The notes on Drawing A-201A state this fence is to be included in Base Bid 3. Please clarify the fence is in Base Bid 2. There are no details showing the fence, the height of the fence or the no mow strip under the fence. Please provide detailed information about the fence and no mow strip.

ANSWER: The fence is included in the .1 Contract under Base Bid 2. The fence is a manufactured item. Per Section 323119, provide the specified basis-of-design fence or an equivalent. The extent of the fence is shown on Drawing A-200A. The no mow strip is 18-inches wide by 6-inches deep pea river gravel.

Item 13 - QUESTION: Drawing C-200 note states "granite curb to be salvaged and re-purposed." Please describe the scope of work with the salvaged granite curb.

ANSWER: Refer to Drawing A-201.2 and Details 03 and 04.

Item 14 - QUESTION: Section 316329, 3.2.F, calls for the first 3 drilled piers to have drilled auger-probe holes to test end bearing. As there are only 6 drilled piers, can the number of auger-probe holes be reduced to one?

ANSWER: Yes, this is acceptable. Section 316329 revised via Addendum No. 3.

Item 15 - QUESTION: In reference to the drilled concrete piers and shafts, Specification Page 316329-5, Section 3.2, references both A-Unclassified Excavation and B-Classified Excavation. Which Section will govern for the drilled piers?

ANSWER: Excavation for drilled piers is to be unclassified. Section 3.2.B deleted via Addendum No. 3.

Item 16 - QUESTION: Details 4A through 4E/S-501 do not provide dimensions from the centerline of the columns to the face of walls, and these dimensions are not shown on the drawings. Please provide these dimensions for all columns at perimeter walls.

ANSWER: Dimensions from column centerlines (grids) to outside face of wall are shown on S200A and S200B. See overall grid dimension strings.

Item 17 - QUESTION: On S-502, the drilled pier schedule lists pier S8.5-SA twice and does not list pier S8.5-SA.7. Please provide information about the missing pier.

ANSWER: The assumed top of gray shale layer for the drilled pier on S8.5-SA.7 is 330'-0".

Item 18 - QUESTION: Drawing A-200A shows what appears to be a large frost-free slab at 8.5/SA.5. Structural drawing S-200A shows two separate frost-free slabs at this same area. Please clarify the frost-free slab construction at this location.

ANSWER: Extents of the stoop slab shall be as shown on A-200A. Stoop slab at this location only shall be 12" thick with #8 @ 12" OC EW epoxy coated.

Item 19 - QUESTION: Please clarify the paving at the mechanical courtyard. There is a paving note between Col. Lines S7 and S8 that points to a hatched drive aisle and also to an unhatched area. Please clarify what is asphalt and what is concrete, and also clarify what the remainder of the courtyard is (stone, soil, grass).

ANSWER: The entire mechanical yard is asphalt pavement with the exception of the concrete apron on the east side of the dock at the dumpsters.

Item 20 - QUESTION: Which contractor is responsible to install the trench drains?

ANSWER: The .1 Contractor is responsible for the two trench drains in the ramp within the mechanical yard shown on Drawing A-200C. The .3 Contractor is responsible for the trench drains within Staff Parking 009 (at entrance) and Loading Bay 047.

Item 21 - QUESTION: Per the specifications, curtain wall Type CW-1 is to be a captured system with custom caps, but the wall sections indicate a 4-sided butt glazed system (i.e. Drawing A-423 Detail 08) calls for CW Type CW-1, but shows 4-sided butt glazed. Please clarify.

ANSWER: Curtain wall CW-1 is 4-sided butt glazed.

Item 22 - QUESTION: Canopy fascia Detail 17/A-442 shows INSUL-35 wrapped around the metal stud

framing. Material Identification Codes A-011 indicate INSUL-35 to be in Section 072100. I cannot find any information on plywood faced insulated sheathing. Please provide specification for INSUL-35.

ANSWER: This is a typo. INSUL-35 is not required at Detail 17/A-442. The substrate material should be 3/4" plywood. Where INSUL-35 is required, such as Detail 06/A-441, the basis-of-design is Hunter Xci Ply with 3/4" pretreated plywood and 1-1/2" polyisocyanurate insulation.

Item 23 - **QUESTION:** Reflected Ceiling Plan A-302A indicates Axiom trim. Please provide height of the Axiom trim.

ANSWER: Six inches.

Item 24 - **QUESTION:** Many partition types have a second numerical digit, e.g. A41, A42, etc. Please confirm that if the second numerical digit is "2," a 16 gauge stud is required. What does it mean if a "1" is the second numerical digit? Will any other second numerical digits be added to the drawings prior to the bid?

ANSWER: No second digit or a "1" as the second digit equals 20 gauge studs.

Item 25 - **QUESTION:** The table for Partition Type A on Sheet A-060 lists Notes 1, 2, 3 and 4 for Type A4. Please provide Notes 3 and 4 for this table.

ANSWER: Delete indication for Notes 3 and 4; not applicable to Partition Type A.

Item 26 - **QUESTION:** Wall partitions under the clerestory windows in Rooms 103, 104, 107, 108 and 109, are tagged to be Partition Type A4. This partition type has one layer of drywall on each side; however, the clerestory window details in the A-680 series drawings show two layers of drywall on each side. Please clarify how many layers of drywall are required in these locations.

ANSWER: These partitions should be D4. Revised per Addendum No. 3.

Item 27 - **QUESTION:** Will there be a walk through of the American Legion property?

ANSWER: Yes, it is scheduled for Friday, August 26, 2019 at 9:00 a.m. to 9:45 a.m. Refer to Addendum No. 3.

Item 28 - **QUESTION:** Section 031100 states we are to use manufacturer's standard steel or fiberglass forms for the one-way joist slabs. Standard steel one-way joist forms typically result in a Class D finish. Section 2.1.D of this section does not state what level of finish is required for the exposed concrete that is not considered "architecturally exposed." Please provide the level of finish required for all exposed concrete that is not "architecturally exposed." This would be the exposed columns, walls, beams, joist and slabs that are not labeled Conc Fin-20 and Conc Fin-21.

ANSWER: Apply Class D formed surface as defined in ACI 347R to concrete one-way joist construction and supporting columns unless noted otherwise.

Item 29 - **QUESTION:** There are no indications on the drawings or in the specifications that note the heights of CSS-5 and CSS-6. Please clarify the heights of both CSS-5 and CSS-6.

ANSWER: CSS-5 8'-0" clear inside; CSS-6 10'-0" clear inside.

Item 30 - **QUESTION:** CSS-5 and CSS-6 are calling for a humidity level of 35% (+/- 5%). Please specify if humidity controls are required for both CSS-5 and CSS-6. If so, please provide additional specifications for the design.

ANSWER: Humidity level control is not a requirement per Section 114000. Humidity level criteria on Drawing A-011 deleted per Addendum No. 3.

Item 31 - **QUESTION:** Section 095133, Paragraph 2.3.I, lists panel face painted white to match WH3G. Is the suspension system and Axiom trim for this ceiling also to be painted white to match WH3G?

ANSWER: No, manufacturer's standard white finish is acceptable for the suspension grid and Axiom trim.

Item 32 - **QUESTION:** Wall Section 7,8,9/A-423, show the wood ceiling (ACT-3 Base Bid 1) not attaching to the wall or curtainwall. Please provide detail how the ceiling is to finish.

ANSWER: Provide an open reveal slot. Layout of ceiling panels dictate width of slot.

Item 33 - **QUESTION:** Interior Elevation 23/A-605, shows AST-2 acoustical surface treatment. The material identification codes sheet A-011 lists 5 different types of AST-2. Please identify which panels are to be AST-2A, 2B, 2C, 2D and 2E.

ANSWER: They are CAD layers that did not print. Revised drawings included in Addendum No. 3.

Item 34 - **QUESTION:** On which drawings are the TWE and TLE for the concrete foundation walls located?

ANSWER: Architectural elevations beginning with Drawing A-4.01.

Item 35 - Administrative Procedure No. 13: Due to inconsistencies between Administrative Procedure 13 and the SDB/SB Participation Submittal, the Department of General Services is amending Administrative Procedure 13 to remove reference to Small Diverse Business and Small Business credit for contract amounts at any tier or supply or subcontracting. Offerors will only receive credit during scoring for those commitments made to first-tier SDB or SB suppliers or subcontractors specifically named in the listing tab of the SDB/SB Participation Submittal. The commitments to those named first-tier SDB or SB suppliers or subcontractors will become contractual obligations of the selected Offeror as set forth in the SDB/SB Participation Submittal. The attached Administrative Procedure No. 13 replaces in its entirety the Administrative Procedure No. 13 in the Administrative Procedures documents.

SPECIFICATION CHANGES – ALL CONTRACTS

- Item 36 - Section 010100 "Summary of Work" Page 3: Added 1.4.B.95 as follows:
95. Sanitary utility beginning from a point 5'-0" beyond exterior building wall.
- Item 37 - Section 010100 "Summary of Work" Page 4: Added 1.4.D.4.a) as follows:
a) Within the building footprint and to a point 5'-0" beyond the exterior building wall.
- Item 38 - Section 010100 "Summary of Work" Page 4: Added 1.4.D.5.a) as follows:
a) Within the building footprint and to a point 5'-0" beyond the exterior building wall.
- Item 39 - Section 033000 "Cast-in-Place Concrete" Page 22: Added 3.8.A.2 as follows:
2. Apply Class D formed surface finish as defined in ACI 347R to concrete one-way joist construction, unless noted otherwise.
- Item 40 - Section 064214 "Wood Slat Wall and Ceiling Panels" Page 3: Added the following to 2.3.B:
1. Lumber Source: The Department currently has ash logs cut from the former State Hospital Grounds and Farm Show Complex available for use on this project at the Contractor's option. There is approximately 8,100 board feet of lumber in the logs, allowing for waste. In the interest of Sustainability, and esoteric value to the project, the Contractor may take possession of the logs, have them milled into lumber, kiln dried, and the lumber used to construct the slat wood wall and ceiling panels for the project. The lumber may also be used for the wood flooring specified in Section 096400 "Wood Flooring." (Refer to photograph of wood attached to this Addendum.) Potential contractors wishing to review the logs during the Bidding Period should contact the Professional.
- Item 41 - Section 088000 "Glazing" Page 6: Revised 2.5.A.4 to read as follows:
4. Translucent Interlayer: Match Professional's sample WD-55 "Bright;" McGrory Glass, or equal as approved by the Professional from one of the other manufacturers listed.
- Item 42 - Section 095113 "Acoustical Panel Ceilings" Page 7: Revised 2.5.B to read as follows:
B. Extruded-Aluminum Edge Moldings and Trim: Where indicated, provide manufacturer's extruded-aluminum edge moldings and trim of profile indicated or referenced by manufacturer's designations, including splice plates, corner pieces and attachment and other clips complying with seismic design requirements.
1. Basis-of-Design Product: Subject to compliance with requirements, provide Axiom; Armstrong World Industries, or equal as approved by Professional.
a. Height: 6 inches.
2. Baked-Enamel or Powder-Coat Finish: Minimum dry film thickness of 1.5 mils (0.04 mm).
3. Comply with ASTM C 635/C 635M and coating manufacture's written instructions for cleaning, conversion coating and applying and baking finish.
a. Color: White.
- Item 43 - Section 114000 "Walk-In Refrigeration Equipment" Page 2: Revised 2.2.A.2.a and 2.2.A.2.b as follows:
a. CCS-5: Walk-in freezer unit, 8'-0" clear inside height.
b. CCS-6: Walk-in freezer unit, 10'-0" clear inside height.
- Item 44 - Section 316329 "Drilled Concrete Piers and Shafts" Page 5: Deleted 3.2.B in its entirety.
- Item 45 - Section 316329 "Drilled Concrete Piers and Shafts" Page 6: Revised 3.2.F.1 to read as follows:
1. Test first drilled pier.
- Item 46 - Section 233113 "Metal Ducts" Page 6: Added 2.4.B, 2.4.C and 2.4.D as follows:
B. Fibrous-Glass Duct Liner: Comply with ASTM C 1071, NFPA 90A or NFPA 90B; and with NAIMA AH124 "Fibrous Glass Duct Liner Standard."
1. Manufacturers:
a. CertainTeed Corp.; Insulation Group.
b. Johns Manville International, Inc.
c. Knauf Fiber Glass GmbH.
2. Maximum Thermal Conductivity:
a. Type I, Flexible: 0.27 Btu x in./h x sq. ft. x deg F at 75 deg F mean temperature.
b. Type II, Rigid: 0.23 Btu x in./h x sq. x deg F at 75 deg F mean temperature.
3. Antimicrobial Erosion-Resistant Coating: Apply to the surface of the liner that will form the interior surface of the duct to act as a moisture repellent and erosion-resistant coating. Antimicrobial compound shall be tested for efficacy by an NRTL and registered by the EPA for use in HVAC systems.
4. Adhesive: Comply with NPFA 90A or NFPA 90B and with ASTM C 916.
C. Insulation Pins and Washers:
1. Cupped-Head, Capacitor-Discharge-Weld Pins: Copper- or zinc-coated steel pin, fully annealed for capacitor-discharge welding, 0.135-inch-diameter shank, length to suit depth of insulation indicated with integral 1-1/2-inch galvanized carbon-steel washer.
2. Insulation-Retaining Washers: Self-locking washers formed from 0.016-inch-thick galvanized steel or aluminum; with beveled edge sized as required to hold insulation securely in place but not less than 1-1/2

inches in diameter.

D. Shop Application of Duct Liner: Comply with SMACNA's "HVAC Duct Construction Standards - Metal and Flexible," Figure 7-11, "Flexible Duct Liner Installation:

1. Adhere a single layer of indicated thickness of duct liner with at least 90 percent adhesive coverage at liner contact surface area. Attaining indicated thickness with multiple layers of duct liner is prohibited.

2. Apply adhesive to transverse edges of liner facing upstream that do not receive metal nosing.

3. Butt transverse joints without gaps, and coat joint with adhesive.

4. Fold and compress liner in corners of rectangular ducts or cut and fit to ensure butted-edge overlapping.

5. Do not apply liner in rectangular ducts with longitudinal joints, except at corners of ducts, unless duct size and dimensions of standard liner make longitudinal joints necessary.

6. Apply adhesive coating on longitudinal seams in ducts with air velocity of 2500 fpm.

7. Secure liner with mechanical fasteners 4 inches from corners and at intervals not exceeding 12 inches transversely; at 3 inches from transverse joints and at intervals not exceeding 18 inches longitudinally.

8. Secure transversely oriented liner edges facing the airstream with metal nosings that have either channel or "Z" profiles or are integrally formed from duct wall. Fabricate edge facings at the following locations:

a. Fan discharges.

b. Intervals of lined duct preceding unlined duct.

c. Upstream edges of transverse joints in ducts where air velocities are higher than 2500 fpm or where indicated.

9. Terminate inner ducts with buildouts attached to fire-damper sleeves, dampers, turning vane assemblies, or other devices. Fabricated buildouts (metal hat sections) or other buildout means are optional; when used, secure buildouts to duct walls with bolts, screws, rivets or welds.

Item 47 - Section 237316.01 "Active Dessicant Dehumidification Air-Handling Units:" Replaced this Section in its entirety.

DRAWING CHANGES – ALL CONTRACTS

Item 48 - Drawing C-300: Added dimensions for pavement and sidewalks.

Item 49 - Drawing C-300: Revised remaining portions of Wallace and Clinton Streets to full pavement rebuild in lieu of mill and overlay.

Item 50 - Drawing A-602: Provided new drawing. Some text was inadvertently turned off on the original print for Details 7, 8, 9, 10, 11 and 12,

Item 51 - Drawing A-603: Provided new drawing. Some text was inadvertently turned off on the original print for Details 13, 16, 17 and 18.

Item 52 - Drawing A-604: Provided new drawings. Some text was inadvertently turned off on the original print for Details 19, 20, 21 and 22.

Item 53 - Drawing A-605: At Elevation 23, added designations for acoustical wall panels.

Item 54 - Drawing A-605: Provided new drawing. Some text was inadvertently turned off on the original print for Details 23, 24, 26, 27, 31, 32 and 33.

Item 55 - Drawing A-606: Provided new drawing. Some text was inadvertently turned off on the original print for Details 34, 43, 44 and 45.

Item 56 - Drawing S-200A: Revised foundation at southeast corner near Column SA-S9.

Item 57 - Drawing S-500: Revised Detail 11.

Item 58 - Drawing S-502: Revised assumed top of gray shale layer for Column SA.5-SA.7.

Item 59 - Drawing H-201A: Revised Keynote No. 4.

Item 60 - Drawing H-202A: Revised Keynote No. 4.

Item 61 - Drawing H-300C: Revised graphics size of CU-1 and CU-2.

Item 62 - Drawing H-301B: Corrected drafting error for hot water risers near Vestibule 100.

Item 63 - Drawing H-302B: Added notes and location for risers for fin tube radiation FRTB at southwest corner of Staff Cubicles 207.

Item 64 - Drawing H-702: Revised Detail No. 5 (deleted perforated sheet metal for duct liner).

Item 65 - Drawing H-704: Revised Detail No. 5 (corrected evaporator/compressor section to read (AC) in lieu of (CRU)).

Item 66 - Drawing H-803: Revised computer room air conditioning unit schedule and air cooled condenser unit schedule as noted.

Item 67 - Drawing E-300A: Revised receptacles within parking garage to GFIC.

Item 68 - Drawing E-300B: Revised receptacles within parking garage to GFIC.

Item 69 - Drawing E-301B: At Lockers/Vending 112, revised receptacles at vending machine to GFIC.

Item 70 - Drawing E-301B: At Self Service 103, along east wall, revised locations of junction boxes and counter-mounted receptacle boxes.

Item 71 - Drawing E-301B: At Lockers/Vending 112, relocated receptacle at the southeast corner.