

## **AMENDMENT 2**

The purpose of this amendment is to do the following:

- 1) Updates the Statement of bid items, see below
- 2) Updates VAAR 852.236-90 RESTRICTION ON SUBMISSION AND USE OF EQUAL PRODUCTS (NOV 1986), see below
- 3) Provides a wage rate for landscapers, see below
- 4) Provides answers to REQUESTS FOR INFORMATION (RFI), see below
- 5) Provides updates specifications and drawings, see attached

**NOTE: BID OPENING DATE, TIME, AND LOCATION REMAIN THE SAME AS SPECIFIED IN AMENDMENT 1**

## STATEMENT OF BID ITEM(S)

**A. BID ITEM I (BASE BID):** Renovate Building 25 in accordance with the design documents to accommodate Environmental Management and Maintenance Shops: Work includes general construction, alterations, roads, walks, grading, drainage, asbestos abatement, mold remediation, and necessary demolition of existing structures and construction and certain other items.

Work to be completed within 532 calendar days after receipt of Notice to Proceed.

**B.BID ITEM II: (Alternate Deduct I):** Same as bid item I (base bid) except for the following:

Delete building T41 demolition; no fencing and gate addition.

Work to be completed within 532 calendar days after receipt of Notice to Proceed.

**C. BID ITEM III: (Alternate Deduct II):** Same as bid item II except for the following:

Delete demolition of Buildings 241, T-38/39/40, 228, storage buildings and smoke sheds. Omit new storage structure. Omit outdoor pavilion paving and landscaping.

Work to be completed within 409 calendar days after receipt of Notice to Proceed.

**C. BID ITEM IV: (Alternate Deduct III):** Same as bid item III except for the following:

Delete all building 25 overhang canopies. Locate downspouts at face of building in lieu of loading platform edge. Integrate into new platforms. No new downspouts at north side of building where no gutters / downspouts are existing.

Work to be completed within 409 calendar days after receipt of Notice to Proceed.

**4.33 VAAR 852.236-90 RESTRICTION ON SUBMISSION AND USE OF EQUAL PRODUCTS (NOV 1986)**

This clause applies to the following items:

AMAG Door Control Equipment (Controllers and card readers)
BEST Keying System
Simplex Grinnell Fire Detection/Mass Notification and Panic/Duress Equipment
Tyco exacqVision video surveillance system

Notwithstanding the "Material and Workmanship" clause of this contract, FAR 52.236-5(a), nor any other contractual provision, "equal" products will not be considered by the Department of Veterans Affairs and may not be used.

(END-OF-CLAUSE)

**WAGE RATE QUESTION:** Which labor rate the landscaper should use?

**ANSWER:** Landscapers should be under laborers.

## REQUESTS FOR INFORMATION (RFI)

### QUESTIONS AND ANSWERS

- 1 **Question:** "Two C102s were issued with the drawing set. I would assume the one with the Finished Floor Elevation listed for the addition is the correct one to remain, but please verify.

**Answer:** Correct – delete sheet without elevations noted.

- 1 **Question:** Electric sheets are missing EH101, and appear not to be in the order of the table of contents. For example GR100 is the last sheet in the drawing set, but on the TOC it is the first electric sheet.

**Answer:** EH101 should not be on index. See revised Cover Sheet and Spec Index.

4. **Question:** On drawing number A101 is that a barrier curb beside the north end sidewalk? Is it needed for the proposed landscape area? There are no notes. Please clarify.

**Answer:** See revised drawing A101 – Removed monorail, Removed curb at north site.

- 4.1 **Question:** On drawing number AD300 Note 5. Remove portion of curb and soil. Refer to Civil Drawings. The Civil drawings do not show any removal of this curb or soil. What is the scope of work in this area? Please clarify.

**Answer:** Delete note 5 on sheet AD300.

- 4.1.2 **Question:** On drawing number C100 Note 8. Existing shed to be relocated. Refer to sheet C103 for new location. Drawing C103 does not show new location. Drawing AD300 Note 7. Demo existing smoke shack. Please verify which scope of work is required.

**Answer:** C100 to be provided showing smoke shack being demolished.

- 4.1.3 **Question:** Drawing number A101 Note 7 – Welding Curtain and track. There are no specs or details. Are we furnishing and installing the welding curtain system? Please Clarify these details.

**Answer:** Details on revised sheet A903.

**4.1.4 Question:** Drawing number A101 Note 10 – Monorail system. I do not see a detail on the structural drawings for installation or bean size. Please Clarify these details.

**Answer:** Deleted see revised A101.

**4.1.5 Question:** Details on the structural drawings talk about drawings number SF501. I cannot find this drawing. Is it missing?

**Answer:** SF501 was included in the bid set, immediately prior to S001. Drawing set will be reorganized to match the sheet index on sheet G000.

**5.2 Question:** What is the finish on the shower floors (plans)? I see there is solid surface on the curbs and the walls.

**Answer:** PT-1, CS57 English Grey, 3"x3" see revised sheet A901

**5.3 Question:** On the material legend it shows PT-1 being 12x18 CS-57, I see it as available in either 12x12 or 18x18. According to Dal-Tile the 12x18 size has been discontinued. What size should we price for the project?

**Answer:** Due to discontinuation, 12"x12" will be the standard PT-1 size. Use same color but smaller size in shower floor pans. See revised sheet A901

**6.1 Question:** Epoxy Flooring or equal request – CastorCrete RT-CQ

**Answer:** Approved

**7. Question:** Epoxy Flooring or equal request – Eco-Crete

**Answer:** Approved

**8. Question:** We are interested in putting together a package for flow metering for this location as we have previously for the Cleveland, Dayton and Cincinnati locations. My question is, the specifications mention many meters for domestic water, chilled water, steam, and condensate return but I cannot find the meter schedule referred to in 2.7 B5. It is very important to know the pipe size and minimum and maximum flow ranges to provide the correct meters. Is this list available? Thank you.

**Answer:** Schedules have been made for the steam and domestic water meters and have been added to the drawings. See revised drawings MP601, PL601 and MH602.

**9.1 Question:** Drawing G004 – Phasing plan note 1 – “Add temporary trailer for linen storage.” Who is responsible to provide temp trailer? If contractor, what size trailer is required? Does the trailer require any lighting or other services? How long will temp trailer be needed?

**Answer:** -Contractor is to provide trailer.  
-Trailer to be same size as existing.  
-No services are required for the trailer.  
-Refer to G004 Phase 3 for trailer removal.

See revised drawing G004 – Temp trailer size requirements, EMS  
operations not to be disrupted  
starting at Phase 3

**9.2 Question:** Drawing A111 – Keynote 6 calls out a 2-ton capacity monorail in workshop 113. -How will this monorail be supported and at what elevation? Please provide further details.

**Answer:** See drawing A111 - Monorail, has been removed from scope.

**9.3 Question:** Drawing A501 – Wall type C1 appears as 2-1/2” steel stud wall with 2” blanket insulation. Drawing A101 calls out C1 type walls at perimeter walls of existing building 25. Details 2, 3 and 4 on drawing A311 illustrated C1 walls with spray foam insulation. Please Clarify what areas spray foam insulation is required and provide thickness required.

**Answer:** Perimeter walls of existing building are 2-1/2” steel studs with insulation per exterior wall sections. 3” spray insulation. See revised drawing A501.

**9.4 Question:** Drawing A311 detail 3 and drawing A310 detail 5 calls out 2” minimum spray foam on underside of existing concrete roof planks. Please clarify square footing area for spray foam on underside of roof plank.

**Answer:** No insulation applies to roof planks. Only exterior walls.

**9.5 Question:** Drawing A600-Doors 003, 100, 113 & 124 appear to have transom which is shown as T1T3 and T4 on Drawing A602 window types. Across section of door transom 003 is shown on drawing A510 detail 6 as aluminum. The door frames noted on the door schedule are called out as HM. Are all 4 transom frames aluminum?

**Answer:** Doors frames and transoms 003, 100, 113 & 124 are hollow metal. See revised A510 drawing.

**9.6 Question:** Drawing C101-Keynote 9 is pointed out in 2 locations on drawing. The drawing illustrated 600+lm-ft. of 8” pipe tied in a keynote 12. Please verify my interpretations is correct.

**Answer:** See revised C101 drawing.

**9.7 Question:** Drawing C101-What is the invert elevation of existing drain line at keynote 12 tie in point? What is the invert elevation of the water and power lines at storm line crossing?

**Answer:** See revised C101 drawing

- 9.8 Question:** Drawing G001-Summary of bid alternates – Under alternate 3, new down spouts and drainage to be integrated into concrete platform rather than edge of canopy. Can further information and details be provided on configuration?

**Answer:** Locate downspouts at face of building in lieu of loading platform edge. Integrate into in new platforms. No new downspouts at north side of building where no gutters/downspouts are existing.

- 9.9 Question:** Ref section 312323.33, 1.2 Description: Furnish and place flowable fill as shown on drawing or as directed by resident engineer. Please clarify where flow able will be required.

**Answer:** Flowable fill can be used on details shown on EP101 and EP301.

- 9.10 Question:** Drawing P001-General note L indicates soils in crawlspace are assumed to contain asbestos. Are there any costs associated with the permit?

**Answer:** Class III asbestos work training is required to perform work around asbestos. Worker protection is required. See 29 CFR 1926.1101. Also see Exhibit No 16 SOP Number 20, Confined Space Entry provided with the solicitation.

- 9.11 Question:** Sections 02 82 13.13 Glove Bag Asbestos Abatement, 1.1.2 Extend of work, Note D-This note requires the General Contractor to obtain services of Qualified independent industrial hygienist to perform duties and services of the (VPIH) VA Professional Industrial Hygienist. Under section 02 82 13.13, 2.3.1 General, paragraph B indicates the VA will employ the VPIH or use its own IH. Please clarify who is responsible to pay for services of the VPIH for section 02 82 13.13, 02 82 13.19 and 02 82 13.41.

**Answer:** VPIH/CIH is to be hired by the General Contractor but will act in the interest of the VA. Specification section 02 82 13.13 will be edited for clarity.

- 9.12 Question:** Section 02 83 33.13 Lead Based Paint, 1.5 Quality Assurance-Paragraph C requires the Contractor to employ a (CIH) certified industrial hygienist. Please clarify if the CIH is required to be onsite fulltime during the demolition of site buildings, demolition of building interior finishes, and anytime during disturbance of lead containing paint such as miscellaneous cutting or drilling in of anchors.

**Answer:** Please refer to specification section 02 83 33.13, paragraph 3.2.C.1., which requires monitoring during the entire lead-containing paint removal operation.

**9.1.13 Question:** Ref section 07 40 00 Roofing & Siding Panels- Can additional information be provided for the metal wall panels such as type of wall panel, (ACM, Plate)? Depth of panel (thickness 4 or 6mm)? or plate, Finish (Kynar)? Standard color?

**Answer:** Metal panels are to meet the performance requirements for wall panels and thickness increased to meet these standards. ACM is acceptable.

**9.1.14 Question:** Ref drawing G001- Alternate 2 omits outdoor pavilion paving and landscape. Page 9 of solicitation does not note omittance of outdoor pavilion, pavement or landscape nor does an outdoor pavilion appear on drawings. Please clarify.

**Answer:** See revised bid items on the solicitation to match wording on sheet G001.

**9.1.15 Question:** Ref drawing A903- Will separate specifications be provided for new equipment lockers and benches shown in rooms 103, 112, 113, 116, 118 or does Section 10 51 13 include these rooms as well as locker room 121?

**Answer:** See revised drawing A903. See revised Specification 10 51 13

**9.1.16 Question:** Ref drawing A903- Can specifications be provided for tables, work bench/ drawers and upper cabinets with CC designation in room 113?

**Answer:** See drawings A100, A101, A111, A300 and A903 – Removed monorail and hoist equipment.

**10 Question:** C100 Identify Smoke Shack to be demolished and not relocated (AE Identified this)

**Answer:** See revised C100. Smoke shed shown as demolished.

**11 Question:** Steam Pressure from Steam Plant to Pressure Reducing Station in B25 was listed as 125ish psi and should be more like 65 psi. Pressure reducing station lines and valves will need to be updated.

**Answer:** The incoming steam pressure is 65 psi and the changes have been made to the plans. See revised drawings.

**12 Question:** L100 Detail 2 - B25 and North side of building comment?

**Answer:** See revised L100 sheet

**13 Question:** G005 Detail for Phase 1 Calls out a 2hr demising wall with a 1-hour wall type (F2).



**Answer:** See revised G005 – Clarified Phase 1 construction, Demising wall rating, Street light functions

**14.1 Question:** Porch Slab Support SB101 / SB301 Details

Are the porch slabs backfilled or are they not?

1. Southeast Loading Dock: Detail A on SB301 doesn't show backfill, and the support at the existing structure appears to read that it is only reinforced at the doors with the #4 at 12 o.c. So how does the slab get supported? It doesn't appear to be clear.

**Answer:** See revised sheets: S001, SB100, SB101, SB102, SB301, SB501

**14.2 Question:** Northeast loading dock: Details shown on SB301 don't show backfill except for detail Q which appears based on the notes that it is only applicable to the ramp section. So, on the northeast loading dock outside the applicable area for detail Q how is the slab supported, there appears to be detail callouts missing. Actually, the detail callouts may be there, but there appears to be some lines missing showing the detail callout symbol:

**Answer:** See revised sheets: SB101 and SB301

**15 Question:** Spec 02 82 11 Missing from Spec Book / Notes on Dwg for Work in Crawl Space Refer to 02 82 11. Many of the MEP sheets have two notes on the assumed asbestos containing dirt floors of the B25 crawl space. The note refers you to Spec 02 82 11. Spec 02 82 11 wasn't included in the spec book but was in the Table of Contents. Spec 02 82 13.13 under section 1.1.3 Related Work has a note on non-asbestos workers working in the crawl space floor. Please address.

**Answer:** Drawings revised to reference specification section 02 82 13.13

**16 Question:** Clarify the depth of excavation required for T228, T38-T40 and the associated shelters and material storage. Is it enough to accommodate the site improvements such as pavement section, grading, and utility changes? Or is it to remove all foundations? AD300 note 7 and 8, civil drawings, and the demolition specification did not appear to clearly indicate the requirement.

**Answer:** Remove items to below grade as required for new site work shown. Complete demolition is not required.

**17 Question:** T41 Roof and Ceiling were collapsing falling on the floor and other items. Does everything then need to be treated as potentially asbestos containing waste?

**Answer:** Anything that cannot be cleaned should be treated as contaminated.

**18.1 Question:** E202 one line diagram indicates (1) 112.5 KVA xfmr labeled T-PP25-1, EP101 Electric Room 104 indicates "T25-2", "T-SP25-1" & "SP25-1", I

would assume that “T25-2” is intended to be “T-PP25-1” due to where it is located please advise if this is correct and what other items ( T-2SP25-1 & SP25-1 ) listed are or if indeed they are required.

**Answer:** REF Revised EP101 revised to reflect intentions on single line.

**18.2 Question:** Section 26 51 00 interior lighting 2.4 and 26 56 exterior lighting 2.8 calls for (2) spare fixtures / luminaires for each fixture type listed, this seems excessive especially since several fixture types have 3 or less fixtures for the project, please advise.

**Answer:** REF Revised SPEC 26 51 00, section 2.8

**18.3 Question:** Per ES101 coded note 7 list RTLS DOOR MODULE of which I count total of (7) ( not including existing or relocated from demo'd buildings ) I do not see a specification section or any other information provided in regards to these , please provide contact information or where they can be purchased from / if Owner will provide / or can the be removed from other buildings referenced to be demo'd regardless if Alternates are accepted .

**Answer:** REF Revised ED101 and ES101 to remove RTLS modules and turnover to VA. See clouded areas near exits for removed RTLS devices

**18.4 Question:** Per ES101 both Rooms 108 & 109 indicate a CCTV symbol, please clarify intent and requirement of this symbol, ES104 does not indicate as part of camera schedule

**Answer:** REF Revised ES104 rooms 108 & 109. REF Revised Camera Schedule and ES101.

**18.5 Question:** Per ES106 please provide drawing note for coded notes 1 & 2 as listed

**Answer:** REF Revised ES106 notes 1 & 2

**18.6 Question:** Per EP100 coded note 2, will pumps CWP-1 and CWP-2 require VFD as per coded note 2 or a combination starter , per MH601 schedule it appears that VFD is NOT required , please clarify

**Answer:** REF Revised EP100 Drawing Note 2

**18.7 Question:** Per ES101 coded note 18 and ES103 coded note 1 are “switches” the only items provided by owner in regards to the new relay racks.

**Answer:** REF Revised ES101, Drawing note 18

**19 Question:** ES103 Detail 2 – This rack elevation is not completed and is missing a lot of information: Patch Panels, VA provided switches, rack mounted UPS

**Answer:** REF Revised ES103 Detail 2

**20 Question:** E002 still shows a smoke shack south of B22, that was to be deleted.

**Answer:** REF Revised E002 clouded area for removed smoke shack

**21 Question:** EP101 doesn't show power requirements for the IT room nor does it note you to go to any other sheet to see them.

**Answer:** REF Revised EP101, Note 19

**22 Question:** ES101 – Data receptacles appear to be shown with 4 CAT 6 wires. Our typical is 2 (one blue, one yellow) for data. Phones are VOIP and use a data. Is there a reason it should be 4?

**Answer:** REF Revised ES101 for data receptacle alteration

**23 Question:** Requirements for Wireless RF survey appear to be missing from the contract requirements to validate Wireless Access Point locations (see CD112 review comment and associated email). E002 phase 3 note 5 indicates testing of CISCO WAP, but doesn't say what testing to be done. Please clarify where this is specified.

**Answer:** REF Revised E002, Phase 3, Note 4

**24 Question:** E002 Phase 2 Note 16 discusses relocating the existing soiled linen trailer to the T41 concrete pad, this isn't up to date with the rest of the set and plan for the trailer. Please update.

**Answer:** REF Revised E002, note removed

**25 Question:** E002 phase 2 note 6 please clarify intent

**Answer:** REF Revised E002, Phase 2 Note 6

**26 Question:** E002 phase 3 note 2 please clarify intent.

**Answer:** REF Revised E002 phase 3 note 2

**28 Question:** ES101 Where is the IDS employee Arm / Disarm pad shown?

**Answer:** REF Revised ES101, IDS locations, and note 20

**29 Question:** ES102 please clarify.

**Answer:** REF Revised ES102 for clarification.

- 30 Question:** ES105 – Relocated fire alarm control panel and associated equipment, it was noted to place this closer to the main entrance to B218 as opposed to on the north wall as shown. (See email on 2/4/16 site visit follow up)

**Answer:** REF Revised ES105, FACP moved to south wall

- 31 Question:** ES101 please clarify

**Answer:** REF Revised ES101, clouded network devices and tag denote intentions

- 32 Question:** I would like to have clarification on Building T-41 that has the “Textured Surfacing Skim Coat” that is asbestos. This material has fallen on miscellaneous items in the building and I am curious if all the materials in the building will be considered “asbestos contaminated” or not. If not, who will be responsible for removing those items prior to abatement?

**Answer:** Contractor to assume all contents are asbestos contaminated and are to be demolished by the contractor. See revised sheet ES105 to address items to be relocated.

- 33 Question:** Metal Panel RFI: What type of metal panels are required? The drawings indicate to match the existing panels. However, it is not easy to tell what the existing panels are. Also, the specifications do call out the use of .032” thick aluminum panels; this is likely too thin for the drawn application. Based on the details it appears the most sensible option would be to go with aluminum composite material panels (ACM) panels. Would it be permissible to price ACM panels with a color match?

**Answer:** Metal panels are to meet the performance requirements for wall panels and thickness increased to meet these standards. ACM is acceptable.

- 34 Question:** Window Shades: 1. The Specification in Division 12 24 00 calls for Window Shades, but they are not marked on plans. Can you please clarify?

**Answer:** Roller shades are located in rooms: 127 Office, 128 Office, 111 Conference Room, 110 Conference Room, 126 Break Room, 116 Paint Office, and 114 Paint Storage.

- 35 Question:** GOING THROUGH SPEC SECTION 271500 THERE IS NO MENTION OF APPROVED MANUFACTURES FOR THE CABLING AND CONNECTIVITY.

**Question:** WHO ARE THE APPROVED MANUFACTURES FOR CABLING AND CONNECTIVITY?

**Answer:** Generally, we do not give manufacturers for this. You may refer to Master Spec to pull these; however, keep in mind that it needs to be a USA manufactured product, not imported.

**36 Question:** Another RFI Regarding the window shades:

1) In the specs for Division 12, It lists Window Shades, and I can see that it wants roller shades? If so, I need to know the Openness, Fabric, and Facia of the roller shade in order to give an accurate quote.

**Answer:** See Revised sheet A901.  
Basis of Design:  
EuroVeil Basket Weave  
5300 Series (5% Open)  
Color: Slate 5316  
Mecho/5 standard manual with white facia

## **Attachments**

### **UPDATED SPECIFICATIONS:**

1. Section 00 01 15 – revised for drawing index
2. Section 02 82 13.13 – revised per questions
3. Section 10 51 13 – revised per questions
4. Section 23 09 23 – revised paragraph 1.1A
5. Section 26 51 00 – revised per questions
6. Section 28 31 00 – revised warranty requirements and training requirements

### **UPDATED DRAWINGS:**

1. G000 – Updated table of drawing sheets
2. G001 – Revised alternate #3
3. G004 – Revised note
4. G005 – Revised note
5. C100 – Revised note
6. C101 – Revised note
7. L100 – Revised detail 2
8. AD300 – Revised note
9. A100 – Revised equipment
10. A101 – Revised note 7 and 10
11. A111 – Revised note 6
12. A300 – Removed monorail and hoist equipment
13. A501 – Revised wall type C1
14. A510 – Revised note
15. A901 – Revised notes
16. A903 – Revised notes and equipment
17. S001 – Revised note
18. SB100 – Revised dock foundation
19. SB101 – Revised dock foundation
20. SB102 – Revised dock foundation
21. SB301 – Revised dock foundation
22. SB501 – Revised dock foundation
23. PD103 - Revised note
24. PL101.1 - Revised note
25. PL501 – Revised backflow preventer pipe detail
26. PL601 – Revised water meter schedule
27. MD102 - Revised note
28. MD104 - Revised note
29. MP101 - Revised note
30. MP103 - Revised note
31. MP502 – Revised steam pressure reducing station diagram
32. MP601 – Revised steam piping diagram
33. MH102 – Revised
34. MH501 – Revised details
35. MH502 - Revised
36. MH601 – Revised LWT in hot water heating coil table
37. MH602 – Revised water meter schedule
38. E002 - Clouded area for removed smoke shack

- 39.ED101 – Revised notes
- 40.ED105 - Revised
- 41.ED106 - Revised
- 42.EP100 – Revised note 2
- 43.EP101 - Revised to reflect intentions in North electric room
- 44.EP102. – Revised IDS locations and note 2
- 45.ES101 – Revised drawing
- 46.ES102 – Revised drawing
- 47.ES103 – Revised detail 2
- 48.ES104 – Revised camera schedule
- 49.ES105 – FACP moved to south wall
- 50.ES 106 – Revised note 102

**General**

- New smoke shack was removed from several drawings including C100. See attached.

**Deleted Drawings**

- C102 – Deleted duplicate C102 that did not list a finished floor elevation for B25 addition