

RFI_Bidding Process

Date: 02 May, 2014

Project: 674-279 Research Addition to Building 205

WEDG Project #: 10110

Attendees:

Distribution: File

Submitted By:

Item	Description	Action	Comments
1.0	Sheet ES5.2B shows circuits 2, 4, 6, 8, 10, and 11 from panel ETP1, please clarify where panel ETP1 is located.	A/E (MEP)	Panel ETP1 is located in the IT/TELECOM room on First floor, RM 1v28.
2.0	The lighting schedule does not accurately correlate with all lighting fixtures shown on the drawings. The lighting schedule does not include description for type C4, D1E, G3E1, G31, G4E, G12E, W1E or W4E fixtures. Please provide detailed descriptions for these fixtures.	A/E (MEP)	Include \$350 per fixture plus labor allowance for lighting fixtures C4, D1E, G3E1, G31, G4E, G12E, W1E OR W4E to be selected in the future to meet the VA criteria.
3.0	Section 01 00 00 para 1.1D refers to VA provided test lab but Section 01 45 29 refers to Contractor test lab. Which tests will the VA pay for the test lab?	VA	Prime Contractor pays for lab tests.
4.0	Section 01 00 00 para 1.2B refers to Alt #1 not on Bid Schedule.	VA	Section 01 00 00 para 1.2B is part of the general requirements and is not a separate line item on the Bid Schedule.
5.0	Section 01 00 00 1.6 refers to Phases. Please clarify how phases apply to this new addition.	A/E (WEDG)	As mentioned on Section 01 00 00 – 1.6 (E) of the Construction Documents (dated February 01, 2013): * Phase I will consist of the construction of the new addition, First and Second Floor without interfering with the existing building 205. * Phase II and III will consist of the construction of the connections between the existing building and the new addition at First and Second Floor.
6.0	Where does Section 09 83 11 Sprayed Acoustical apply? Please show specific areas where this material applies. None shown on plans.	A/E (WEDG)	Section 09 83 11 - 3.5 (A) Spray-on Acoustical System: Shall be applied in the required thickness across the entire underside of the floor structure of the mechanical room. It is not necessary at the ceiling or on the floor structural decking above the mechanical room or any other area.
7.0	Does Section 130541 requiring seismic Professional Engineer and seismic design apply? This project is in a zero seismic zone.	A/E (WEDG)	Section 13 05 41 apply to the project, given that an Animal Facility is consider a Critical Facility by the Seismic Design Requirements (H-18-8) from the VA
8.0	Is a holeless elevator acceptable?	A/E (WEDG)	No.
9.0	Please provide spec for the contractor	A/E	For clarification purposes, the HPV System is shown

	provided "HPV System" in Rm 1V16a on Plan AS7.4R.	(WEDG)	in room 1V20a, sheet AS2.4-R. Please refer to Attachment #1 for the Specifications.
10.0	F3/AS4.5 Is the "prefinished base flashing" of the same material as the wall panel above it?	A/E (WEDG)	Please refer to Section 07 60 00 - Flashing Sheet Metal for flashing material.
11.0	There is no spec for plaster shown on E8/AS4.5.	A/E (WEDG)	Please refer to Attachment #2, Section 09 24 00 – Portland Cement Plastering.
12.0	Is there a Table of Contents listing the specification sections?	A/E (WEDG)	Section 00 01 10 – Table of Contents , was issued as part of the AMENDMENT No. 2 (dated May 31,2013), a revised Table of Contents including new sections 07 21 19 and 09 24 00 is attached (Attachment #3)
13.0	Where does Section 08 34 53 Security Doors and Frames apply? There are none shown.	A/E (WEDG)	Section 08 34 53 Security Doors and Frames apply for all hollow metal exterior doors.
14.0	Hardware Spec 08 71 00 refers to card readers but none are shown on Hardware Schedule. Are any card readers required?	A/E (WEDG)	Please refer to the Electrical Power Plans for the location of the doors requiring card readers.
15.0	Drawing Number GS5.2 shows handrails but are not called out in any drawings. Please advise if handrails are required. If so, please show the locations and lengths.	A/E (Civil)	Handrails are not required.
16.0	Please confirm a fence is running between the new and existing buildings. If so, please provide details. Thank you	A/E (WEDG)	Please refer to Attachment #4 for details.
17.0	Will the VA allow the elevator shaft to be constructed from CMU in lieu of cast in place concrete?	A/E (WEDG & Structural)	No. Use cast-in-place concrete.
18.0	Spec section 07 21 13, part 3.6A indicates "Spray foam insulation to underside of suspended concrete slab in crawl space." Please confirm if this spray foam is required under the first floor suspended slab. If so, please confirm if the foam is closed or open celled? In addition, please specific	A/E (WEDG)	Provide spray foam insulation across the entire underside of the first floor suspended slab, above the crawl space. Please refer to Attachment #5, Section 07 21 19 – Sprayed Foam Insulation for the Specifications.
19.0	What the required thickness will be? Finally, please advise if the beams are required to be sprayed with foam also?	A/E (WEDG)	Please refer to Attachment #5, Section 07 21 19 – Sprayed Foam Insulation for the Specifications.
20.0	Spec section 09 22 16, Part 3.5 – Installing Shaft Wall System. Please advise if the elevator shaft walls can be built from metal studs?	A/E (WEDG)	No.
21.0	Spec section 08 44 13 – Glazed Aluminum Curtain Walls, Part 2.1,C, 12, d. – "Curtain wall" Connection Design, - Please advise if the adjacent wall or roof is already designed to carry the blast load from the curtain walls? If not, please advise if the contractor will be required redesign the reinforcement in either the wall or the roof?	A/E (WEDG)	In addition to the specification Section 08 44 13 , please review Appendix B – Physical Security Design Narrative, sheet AS7.5, AS7.6 and Structural Drawings in the Construction Documents for information on blast design.
22.0	Spec section 08 41 13 – Aluminum-Framed Entrances and Storefronts (Standard and Blast Resistant), section 1.7E (Blast Resistance Requirements (Exterior)), do not indicate the actual blast loading to be applied to the blast resistant storefronts. Please advise what the blast load that is required?	A/E (WEDG)	In addition to the specification Section 08 41 13 , please review Appendix B – Physical Security Design Narrative.
23.0	Spec section 08 41 13 – Aluminum-Framed Entrances and Storefronts (Standard and	A/E (WEDG)	In addition to the specification Section 08 41 13 , please review Appendix B – Physical Security

	Blast Resistant), section 1.7F (structural requirements) only mention wind loading. Please confirm if it is your intent for the blast loading to be ignored.		Design Narrative.
24.0	Spec section 08 41 13 – Aluminum-Framed Entrances and Storefronts (Standard and Blast Resistant), section 1.7A.6 (Performance Requirements:), indicate “Anchors, fasteners and braces shall be structurally stressed not more than 50% of the allowable stress when maximum loads are applied.” Please confirm that the design the contractor is being asked to do, shall include blast loading or not? If so, please advise if the wall the storefront system attaches to is already designed to carry the blast loading also?	A/E (WEDG)	In addition to the specification Section 08 41 13 , please review Appendix B – Physical Security Design Narrative, sheet AS7.5, AS7.6 and Structural Drawings in the Construction Documents for information on blast design.
25.0	Will VA provide all construction materials testing like concrete, soil, mortar, steel welds, etc. or the General Contractor?	VA	Prime Contractor.
26.0	Are we to use (only) the Manufactures listed for the Parking Control Equipment (11 12 00-8)	A/E (WEDG)	Yes.
27.0	Who is the elevator company that has the maintenance contract for building 205 now?	VA	Thyssen Krupp
28.0	In the General Requirements (section 01 00 00) page83 of 87 Paragraph 1.30 photographic documentation. States that we must provide a commercial photographer or subcontractor that must be qualified.	A/E (WEDG)	Correct, please provide a commercial photographer or subcontractor that meets the qualifications listed in Section 01 00 00 – 1.30 .
29.0	Is the intent to provide an air test envelope for the new addition once its completed	A/E (WEDG)	Yes.
30.0	Are we required to have TB shots for all contractors.	VA	Yes. To be explained at award Pre-Construction.
31.0	Its the existing roof still under warranty and who was the installer.	VA	No. Unknown installer.
32.0	On the temporary lay-down area its requiring a 7' temporary fence with lighting rod protection? (Is this correct lighting rod protection)	VA	Fences over 450 LF shall be grounded (rod in ground properly connected to metal fence) for safety.
33.0	Can we get a copy of the sign in sheet from the pre-construction meeting?	VA	Yes. Request from the KO (Hope Cassady).
34.0	Specification Section 11 71 02, 2.1, B Substations are acceptable with the review and approval of Resident Engineer – The specification for the sterilizer is written strictly around the basis of design unit. STERIS would like to propose the STERIS AMSCO LSS Large Steam Sterilizer 122121 in place of the Getinge 122222. Please refer to the attached technical data sheet for product information. Please let us know if the AMSCO LSS 122121 is an acceptable substitute.	VA	Yes, if the Prime Contractor includes the required (but minor) utility reconfigurations at no additional cost.
35.0	In the price list in the email below the project is calling out for a Hydrogen Peroxide / Bio-decontamination Generator yet there is Specification listed in the project manual. Please respond with a written specification in order for us to prepare a proposal for this	VA	Yes, attached.

	system.		
36.0	Can a site visit be scheduled for the interior area affected by this construction project? There is demolition and renovation work that can only be guessed at without a site inspection. We have worked for the VA extensively and have never been denied a chance to inspect an area where work will be taking place. We have done work in Building 205 and a site inspection was done prior to bidding.	VA	No. Pictures are being requested of impacted areas.
37.0	It is uncertain when reviewing the drawings whether Div. 22 (Plumbing) or Div. 23 (HVAC) is responsible for the steam equipment and piping scope	A/E (MEP)	Plant steam piping scope is shown in the plumbing drawings. Steam-steam humidifier piping is shown in the mechanical drawings. It is preferred that all steam piping should be installed by the mechanical contractor.
38.0	Please clarify location of piping section/corresponding pipe sizes at tunnel on 3/MH4.2. Pipe sizes/fluids do not match sizes shown on drawings (ie. 4" HHW, HHWR on plans, 2-1/2" indicated on section; 3" HPS vs. 3" MPS).	A/E (MEP)	Revise pipe sizes in detail 3/MH4.2 as follows: HHW/ HHWR – 4" MPS – 3" LPR – 2"
39.0	Drawings indicate 3" MPS to new building from existing mechanical room; however, it is uncertain how the 3" MPS is connected to the HPS, and how/where pressure is reduced. The drawings indicate continuation to plumbing plans, but it is unclear where line connects to HPS.	A/E (MEP)	The HPS connection is in the crawlspace of the existing Bldg. 205 below the mechanical room. MPS is routed to the new pressure reducing station to be provided as part of this project to be located in the new research Bldg. mechanical room.
40.0	Controls drawings appear to indicate digital signals where analog signals are required for operation. For instance, control valves and VFD on fans require modulating signal from control system.	A/E (MEP)	The digital devices for control valves, VFD, and temperature indicators are show incorrectly. The contractor is request to provide as analog devices.
41.0	Is new chemical treatment required for the heating hot water and chilled water systems?	A/E (MEP)	Include new chemical treatment system and 1 yr. of chemical treatment.
42.0	Who is responsible for providing the VFDs?	A/E (MEP)	VFDs are provided by the DIV. 26 contractors. Coordinate with mechanical drawings and schedules for requirements.
43.0	General note: Use minimum 3/4" lab vacuum line size in lieu of 1/2" line sizes shown.	A/E (MEP)	Contractor to include 3/4" min VAC line size in bid.
44.0	MH-5.2A/B, MH5.3 - Is there a storage tank required for air-cooled chiller CH-1?	A/E (MEP)	Contractor should include 100 gal insulated chilled water storage tank to be located in new mechanical room. Provide 3" supply/ return piping to tank.

END OF RFI