

## RFI QUESTIONS WITH ANSWERS

Item	Question	Answer
1	It appears the Temperature Hold Room #1V27 on the first floor is existing; if not, please let me know. We plan to bid the Cold Room listed as #2R44 on the second floor. The following is a RFI regarding Section 132129" Constant Temperature Room:	Research Addition to Building 205 is all new construction. Temperature Hold Room #1V27 is not existing.
2	Item #2.6---This is to verify we will bid 208/3/60 (3-wire with ground) for the condensing units as specified. Previous bid specified 460/3/60.	Specification 13 21 29 2.6 required 208/3/60 3-Phase, 4 wire.
3	Item #2.6---This is to verify we will bid a Touchscreen Control Panel with 120-208/3/60 (4-wire).	No Objections
4	Item #2.7---This is to verify there will be a 4" recessed pit for the 4" thick floor panels to sit in. This means no need for an interior ramp.	Yes
5	Item #2.7D---Spec calls for plain stucco aluminum, but we prefer to bid white stucco aluminum interior and exterior which is standard for hospital use.	No Objection
6	Item #2.8---AVA plans to bid a BioCold Touchscreen Control Panel which meets ADA requirements. The Touchscreen has basically replaced the older BioCold model.	No Objection
7	Item #2.9---BioCold's Touchscreen has Trend History that can be downloaded for over a year. This obviates the need and expense for a 10" Honeywell recorder. Please verify if we can delete the Honeywell recorder. If not, we can bid the Honeywell recorder and provide a deduct.	Electronic Trend history that can be downloaded and read on Media available to the VA is acceptable.
8	Item #2.14---No GFIs or Data Ports are shown on the drawings. Please verify none is required.	Specification 13 21 29 2.6 require GFI NEMA 5-20R Electrical Receptacles. Include one (1) GFI receptacle and dedicated circuit per wall. Include 1 Data Port.
9	Item #3.4---Height listed as 8'6". This means the room will be 8'2" AFF (based on a 4" recessed pit) with 7'10" inside clear. The evaporator coil will be 10" in height meaning the inside clearance will be 7'0" high. Please verify this is okay or if we should be bid the next height which is 9'6" (8'10" inside clear and 8'0" clear below the evaporator coil).	Bid next height 9'-6"
10	Item #3.4---Refrigerant listed as R-134a, but please verify if we can use R404a.	No Objections
11	Please Verify if 3/4" plywood to be added to three (3) sides of the Cold Room in order to support any wall-mounted shelving or casework.	Bid 12 gauge interlocking sheet metal panels

12	Section 132129 Item #2.6---Please verify 208/3/60 (3-wire with ground) for the condensing units as specified. Previous bid specified 460/3/60.	Specification 13 21 29 2.6 required 208/3/60 3-Phase, 4 wire.
13	Section 132129 Item #2.6---Please verify we will bid a Touchscreen Control Panel with 120-208/3/60 (4-wire).	No Objection
14	Section 132129 Item #2.7---Please verify there will be a 4" recessed pit for the 4" thick floor panels to sit in. This means no need for an interior ramp.	Yes
15	Section 132129 Item #2.7D---Spec calls for plain stucco aluminum, but white stucco aluminum interior and exterior is standard for hospital use. Please confirm	No Objection
16	Section 132129 Item #2.9---BioCold's Touchscreen has Trend History that can be downloaded for over a year. This obviates the need and expense for a 10" Honeywell recorder. Please verify if we can delete the Honeywell recorder	Electronic Trend history that can be downloaded and read on Media available to the VA is acceptable.
17	Section 132129 Item #2.14---No GFIs or Data Ports are shown on the drawings. Please verify none is required	Specification 13 21 29 2.6 require GFI NEMA 5-20R Electrical Receptacles. Include one (1) GFI receptacle and dedicated circuit per wall. Include 1 Data Port.
18	Section 132129 Item #3.4---Refrigerant listed as R-134a, can we use R404a?	No Objections
19	Section 132129 Please verify if ¾" plywood to be added to three (3) sides of the Cold Room in order to support any wall-mounted shelving or casework.	Bid 12 gauge interlocking sheet metal panels.
20	AS2.7-ALT, The equipment chart for Room "2R47B Electron Microscope Suite, Scope Room" states that: Electron Microscope, Air Compressor, High Tension Tank, Power Supply, and Pump Box are all VA supplied/VA installed (VV). On the drawings the equipment in that room appears to be VA supplied/Contractor installed (VC). Please verify which one is correct	VV
21	Please confirm Section 117102 (Bedding Dispenser, Bedding Disposal Unit, Bedding Dump Station, Cage & Rack Washer) is VA furnished and VA installed.	VV
22	Drawing AS2.7 ALT shows (2) 6ft wide Laminar Flow Benches. Are the benches horizontal or vertical air flow?	Vertical
23	Please list the basis of design for the A1035 Washer and Dryers from the equipment schedule on page AS2.4.	Washer/Dryer shall be VV
24	Please list the basis of design for the L2336.1 6' LAM. Flow Hood from the equipment schedule on page AS2.4.	See specification section 11 53 13
25	From Drawing AS7.2, please confirm that door 1V24a is intended to be furnished with an Aluminum Curtain. Because it is an exterior door, A galvanized steel curtain, 20 or 22 gauge, may be more secure.	Specification section 08 33 00 requires interlocking slats of galvanized steel, flat type for exterior doors
26	From Specification Section 13 21 29, Constant Temperature Rooms referring to Room 2R44:	No Objection

	Please verify: Paragraph 2.7D calls for plain stucco aluminum finish, but white stucco is more standard for hospital use.	
27	From Specification Section 13 21 29, Constant Temperature Rooms referring to Room 2R44: Please verify: Paragraph 2.14 Electrical Receptacles, no GFI outlets or Data Ports are shown on the drawings.	Specification 13 21 29 2.6 require GFI NEMA 5-20R Electrical Receptacles. Include one (1) GFI receptacle and dedicated circuit per wall. Include 1 Data Port.
28	From Specification Section 13 21 29, Constant Temperature Rooms referring to Room 2R44: Please verify: Paragraph 3.4 indicates refrigerant will be R-134a. Please verify if R404a is acceptable	No Objections
29	From Specification Section 13 21 29, Constant Temperature Rooms referring to Room 2R44: Please verify: Is ¾" plywood to be added to the three (3) sides of the Cold Room in order to support any wall mounted shelving or casework?	Bid 12 gauge interlocking sheet metal panels
30	From Specification Section 13 21 29, Constant Temperature Rooms referring to Room 2R44: Please verify: Paragraph 3.4 indicates height is 8'-6". Based on 4" deep recessed floor, actual exterior height of room will be 8'-2" with interior clearance of 7'-10". Is a 9'-6" high Cold Room acceptable, as we are planning to use a large "low-profile" coil 15" high leaving 7'-7" inside clear whereas 8'-6" high Cold Room would only have 6'-7" clear inside.	No Objection
31	In section 23 09 23 – 4 of the specifications it states that "the general contractor of this project shall directly hire the control system integrator in a contract separate from the contract procuring the controls contractor administered by this section of the technical specifications." This is not very common. Usually, the controls contractor typically does this piece with the mechanical and there is no separate contract to the general contractor. Is it the engineer's intention to have a separate contract for the controls and controls integration piece? Please clarify.	It is acceptable for the GC to include the controls and controls integration in the same contract.
32	<b>Room #2R44 Cold Room/ Spec 13 21 29</b> Item# 2.6- Verify the power is 208/3/60 (3 wire with ground) for the condensing units as specified. Previous bid specified 460/3/60.	Specification 13 21 29 2.6 required 208/3/60 3-Phase, 4 wire.
33	Item# 2.6- Verify bid is a Touchscreen Control Panel with 120-208/3/60 (4 wire)	No Objection
34	Item# 2.7- Verify there will be a 4" recessed pit for the 4" thick floor panels to sit in and that there is no need for the interior ramp	Yes
35	Item# 2.7D- Spec calls for plain stucco aluminum, but hospitals preferable use a white stucco aluminum interior and exterior	No Objection

36	Item# 2.8- Contractor plans to bid a BioCold Touchscreen Control Panel which meets ADA requirements. The touchscreen has replaced the older BioCold model	No Objection
37	Item# 2.9- BioColds Touchscreen has a trend history that can be downloaded for over a year. This obviates the need and expense for a 10" Honeywell recorder. Verify if the Honeywell recorder can be deleted?	Electronic Trend history that can be downloaded and read on Media available to the VA is acceptable.
38	Item# 2.14- No GFI's or data ports are shown on the drawings. Verify none are required?	Specification 13 21 29 2.6 require GFI NEMA 5-20R Electrical Receptacles. Include one (1) GFI receptacle and dedicated circuit per wall. Include 1 Data Port.
39	Item# 3.4- Height is listed as 8'-6". This means that the room will be 8'-2" AFF (based on the 4" recessed pit) with a 7'-10" inside clear. The evaporator coil is 10" in height meaning the inside clearance will be 7'. Verify this is okay or should the next height be bid? (9'-6")	Bid next height 9'-6"
40	Verify if the larger (low profile coil) 15" can be used?	Refer to Specification 12 21 29 for requirements.
41	Item# 3.4- Refrigerant is listed as R-134a. Verify that R404a can be used instead?	No Objections
42	Verify that 3 sides of the cold room should receive ¾" fire rated plywood to support shelving and casework?	Bid 14 gauge interlocking sheet metal panels
43	Verify what is the R-Value or Thickness on the closed cell foam under the suspended slab?	1 ½"
44	Verify if the demolition and work inside of the existing 205 building should be bid as night and weekend work? (afterhours)	Yes
45	There are some differences between AS7.1 room finish schedule and AS.8 finish plans. Example 1H2-1H5 hallways are VCT on AS7.1 and ERF on AS.8	Hallways 1H2-1H5 floors shall be ERF
46	AS7.1 finish schedule indicates concrete in some areas and Sealed concrete on AS.8?	Rooms 1V20a, 1V20b, ELEV-3, Storage shall be Concrete – Floor Rooms 1V24, 1V26, 1V27, 1V28, 1V31, 1V32, 2R42, 2R42a shall be SC-1
47	Verify that the autoclave and cage wash areas will be plain concrete?	.Yes
48	There is no specification or requirement to provide any window integral blinds? Please advise	Correct
49	Specification 01 00 00 -28 describes Government-furnished property to be received and stored by the general contractor. Please provide additional information as to what type of equipment this is and how much.	No government equipment will be received by the contractor.
50	The Laminar Flow Hoods are listed in the equipment schedule, but not in the specs or drawings? Spec section 11 53 53 only has the biological safety cabinets. The elevation for rooms 2R41a and 2R43a show them as biological safety cabinets?	See sheet AS2.7ALT Rooms 2R41a and 2R43a and Equipment – Second Floor schedule symbol L2336.1 and sheet AS5.3ALT elevations B7 and C7. Also see specification section 11 53 13

51	There was no indication of an under floor/under slab membrane on the drawings?	Provide a 10 mil polyethylene vapor barrier for slabs poured on carton forms. Slabs formed and supported over the crawl do not require a membrane.
52	Door schedule has 1V06a-1V06d, and 1V08a-1V08d listed as steel doors? The elevation indicates a full glass door. Should these doors and frames be aluminum or hollow metal?	Yes the doors have glass. See the Door Schedule for door type D and frame type 2
53	Lights type H2 for generator enclosure is not the correct type for wet location.	(3) Exterior mounted light fixtures shall be type 'T1' in lieu of type 'H2'.
54	Lights type C4 shown on sheet ES4.1A in rooms 1V06 & 1V08 are not on the Fixture schedule.	Light fixture type 'C4' should be type 'P1' with a ruby glass lens.
55	Lights type Z42 shown on sheet ES9.01 Detail 1 are not on Fixture schedule. Sheet ES4.1B has J3 lights in Pit.	Fixture lights in elevator hoist way shall be type 'WW1' in lieu of type Z42.
56	Lights type W1E shown on sheet ES4.1A in rooms 1V06 & 1V08 has a b switch leg, Note 4 says to switch a.	The second sentence of Note 4 should read "Connect fixture to 'b' switching".
57	Lights Room 1V10b has (2) W1E fixtures with a/b switching yet light has only 1 lamp.	Light fixtures type 'W1E' located in room 1V10b shall have a 'b' switching.
58	Light J3 in room 1V32 has 2 circuits with 1 switch. Key note 3 says 2 "unswitched" Circuits. Clarify Please.	Elevator machine room light fixture shall have no keyed note and shall be connected to emergency circuit EHL1-2.
59	Match line between sheets ES4.1A and ES4.1B on clean room 1V20 and storage Room 1V15 has left out lights.	Correct, there should be a total of (6) type 'W2' light fixtures on the clean side of the Autoclave in room 1V20.
60	Room 2R45 Sheet ES5.2B-ALT has (4) 220V outlets on (4) 1 pole breakers (EL2A1-30,32,34,36).	Circuit number 30 and 34 on panel EL2A1 shall be 20A/2P in lieu of 20A/1P.
61	Sheets ES4.2A and ES4.2A-ALT has a Key note 1 saying for emergency lighting refer to detail. Where?	"Refer to detail" was inadvertently added to the note. It shall be removed.
62	Where should the Generator Annunciator & Derangement Panels be located?	Generator Annunciator Panel shall be located in Tech Office 1V23. Derangement Panel shall be located in Hallway 1H2 next to Feed and Bedding to be visible by personnel.
63	Lights J2E Sheet ES4.2B have 2 circuits that will need (2) ballast if wired as shown or a UL924 relay.	Lights 'J2E' shall wired as night lights (unswitched).
64	Several locations have Motor Starters/Controllers/Disconnects/VFDs furnished by Div 22 or Div 23, Wired by Div 26. Who Installs?	Unless installed on the units by the manufacturer, All starters, controller, disconnects, and VFD's that are furnished by Div 22 or 23 shall be installed by Division 26.
65	Sheets ES6.1A & ES6.1B have equipment marked EV & SV are to have Controls &	Yes, electrical contractor shall provide a 20A/1P toggle switch at each valve.

	step down transformers. Is EC to furnish a disconnect.	
66	The Chilled Water Pumps on Sheets ES2.2 & ES2.2ALT shows for EC to furnish New Circuit Breakers/Trip Units into existing Panels/Motor Controllers. What Model & Part number?	Electrical Contractor shall verify existing conditions and provide units compatible with existing panels.
67	The Chilled Water Pump Controller on sheet ES2.2ALT shows to use a circuit from the nearest existing Essential Branch Circuit Panelboard. Could I get the Distance/Location?	Provide circuit from motor control center 'MCE1B' located in Mechanical Room 1R39 to serve chilled water pump.
68	See attached questions from Allan Vorda & Associates regarding the Cold Room.	See RFI 01 Response
69	Will there be permits required for the project from the City of Temple?	No
70	Please provide the manufacturer of the existing elevators at the facility.	Thyssen Krupp
71	Please provide the company that services the existing fire sprinkler at the facility.	Simplex Grinnell
72	Please provide the manufacturer of the existing fire alarm system and service contractor at the facility	Simplex Grinnell
73	Please provide the name of the firm that has the maintenance contract for the existing facility	General maintenance is done by the VA, specific items have specific contracts.
74	Please provide the manufacturer of the existing fire alarm system and service contractor at the facility.	Simplex Grinnell
75	On the drawings it shows card readers and alarm points for security but there is not a specification section for security. Is the security included under this SOW or is it under a separate SOW? If included, please provide the specifications	Security will be included. Stanley products are currently on campus and anything installed needs to be compatible to that system.
76	General Note #6 on plan sheet AS9.0 states "Provide fireproofing cap at underside of roof/floor deck at all fire rated partitions." Please provide a plan detail indicating what is required by this general note	Install applicable Fire Rate UL Assemblies where called out for wall type.
77	The gypsum board system located above wall types F and F1 is not described. Please identify the components of the gypsum board wall system at wall types F and F1	Min. 3 5/8" top and bot track with 3 5/8" metal studs at 24' O.C. max, For 1 hour rating, 1 - 5/8" Type X gypsum board each side. Fasteners per UL 419 3 1/2" glass fiber insulation Caulking and sealants as required per UL 419 at top and bottom of wall Construction of wall and fire rating per UL Assembly
78	What is the basis of design for the weather barrier indicated on Wall Type N, AS9.0	See Specification Section 07 27 26
79	Detail C1/AS4.5 indicates Fire Retardant Lumber for roof blocking at metal deck and at top of parapet wall. Please verify lumber on roof and parapet wall are required to be fire retardant	Yes

80	<p>Specifications include a section for Spray on Acoustical Barriers Section 09 83 11. Paragraph 3.5 indicates:  "A. Type AB-1 - Spray-On Acoustical System: Shall be applied in the required thickness across the entire underside of the floor structure at locations as indicated on the drawings. This will typically be applied to both the ceiling of all mechanical rooms, on the floor deck above, and also the surface of the floor deck below the mechanical spaces, so as to fully encapsulate the rooms acoustically both above and below."  We do not find any indicated on the drawings, reference building cut sections on AS4.3. If it is required, please clarify locations required by amendment</p>	See note on Second Floor - Finish Plan sheet AS8.2
81	<p>Specifications include a section for Applied Fireproofing Section 07 81 00. Plans do not seem to indicate any applied fireproofing, reference building cut sections on AS4.3. If spray applied fireproofing is required, please clarify to all bidders by amendment and indicate locations required</p>	See sheet AS3.1 details B5 and B7
82	<p>Specifications include Spray on Insulation on Suspended Slab in section 07 21 13 Thermal Insulation, reference paragraphs 2.4 and 3.6. This is not shown on the drawings, reference building cut sections on AS4.3. If required, please clarify to all bidders by amendment</p>	See note on Second Floor - Finish Plan sheet AS8.2
83	<p>Electrical power plans show requirement to provide conduit for future card readers. If card readers are required in the scope of this project, please provide a design for the system including specifications, plans, locations where they tie into existing, etc</p>	The MEP drawings only indicate empty conduit raceway rough-in for a card reader system to be designed and provided by others.
84	<p>Plan detail E1 and F1 on AS5.1 indicate the stackable washer/dryers to be (V.V.) items (Owner Furnished Owner Installed) while Plan sheet AS2.4-R indicates these items are CC items (Contractor Furnished and installed). If contractor is to furnish these items, please provide a specification or a Mfr/Model # basis of design for these items</p>	Item is (V,V)
85	<p>Keynote 1 on T1.02 Telecommunications One-Line Diagram states "Furnish and Install 12-strand fiber optic cable, multimode, plenum, in plenum, 1 1/4" inner duct, from Bldg 205, Room 205, IT Room."  Please provide a plan sheet indicating the location of existing room 205 including type of existing ceilings along the route to this room</p>	Note should read "...from Building 205, Room 2R25, Telecommunications room on 2 <sup>nd</sup> floor." Contractor shall provide price for approximately 320 linear feet for fiber optic cable and associated conduit.
86	<p>Section 01 45 29 paragraph 1.1 indicates Testing Lab retained and paid for by contractor while Section 01 00 00 paragraph 1.1.D indicates Testing Lab retained by the V.A. Is the VA or the GC responsible for paying for the costs of the Testing required by this project</p>	General contractor is responsible for testing.

87	<p>Section 13 05 41 SEISMIC RESTRAINT REQUIREMENTS FOR NON-STRUCTURAL COMPONENTS is substantial and includes a requirement for the contractor to provide seismic-force-restraint shop drawings and calculations prepared by a professional structural engineer experienced in the area of seismic force restraints for items such as mechanical and electrical supports. Isn't Temple, TX in Seismic Zone 0? Please clarify if this will be required and what exactly is being requested by this section.</p>	<p>Specification Section 13 05 41 is applicable to the project. An Animal Facility is considered a Critical Facility by the Seismic Design Requirements (H-18-8) from the VA</p>
88	<p>A project of this size and complexity would usually be required to provide a full-time on-site quality control manager with no other duties. We do not see where the project calls for this. Please clarify to all if a full-time on-site quality control manager with no other duties will be required for this project in addition to the full-time superintendent</p>	<p>Yes there should be a full time quality control manager.</p>
89	<p>Bid Item 0008, Add Alternate #3 Description indicates "The hot water boiler and associated pumps and controls in the base bid are omitted from the scope." What plan detail(s) shows the Base Bid Boiler? Pumps? Controls? To be deleted by this Alternate?</p>	<p>Boiler 205-B1 indicated on sheet MH3.5; connection detail indicated on sheet 11/MH3.5</p>
90	<p>Bid Item 0004, Add Alternate #1 is described to be "All costs and scope associated with the adding Lighting and Power Distribution for the 2nd Floor Laboratories along with associated supply and Exhaust Ducts. Provide Associated Air Device, Terminal Units, and Controls for the 2nd Floor Laboratories." Electrical Lighting Plan sheet ES4.2A - ALT is labeled Alt #2. Is the lighting shown on this sheet required to be in Alternate 1 or 2? Please confirm other electrical plan sheet labels.</p>	<p>The electrical lighting sheet ES4.2A – ALT will be included in Bid Alternate No 1 (Item 0002).</p>
91	<p>Plan PL2.1-ALT labeled Plumbing Schedules - Alt #5 show most of the equipment to be Existing. These items are indicated to be new on PL2.1. Are all items indicated to be existing on PL2.1-ALT including plumbing fixtures, lab gas connections, lab hoods, etc to be deducted in Alt #5?</p>	<p>Items indicated in alternate #5 will be existing as they would have been provided and installed in a previous alternate.</p>
92	<p>Add Alt #1 is described to be "All costs and scope associated with the adding Lighting and Power Distribution for the 2nd Floor Laboratories along with associated supply and Exhaust Ducts. Provide Associated Air Device, Terminal Units, and Controls for the 2nd Floor Laboratories." and Add Alt #2 is described to be "Adding laboratories and services rooms at the 2nd floor." How do the lights, air diffusers, wall switches, thermostats, and power</p>	<p>Sheet GI0.1, Index of Drawing, call out which construction plan sheet is associated with each alternate.</p>



	receptacles provided by Alt #1 get installed without the Alt #2 walls and ceilings?	
93	Related to question above, what defines the line between Alt #1 and #2 as far as lights, diffusers, telecom, in wall rough in, outlet boxes, etc.?	MEP and Telecom for the 2 <sup>nd</sup> Floor are included in Bid Alternate No 1 (Item 0002).
94	Plan sheet PL7.1-ALT(#5) shows the RO System for 1st and 2nd floors. The description for Add Alternate #5 states "All costs and scope associated with installing new RO/DI system and associated pumps, electrical connections and controls to serve the expansion. The RO/DI piping shown in the base bid documents is omitted from the scope." Please explain what RO is base bid and being omitted by Alt 5?	Base bid RO is served from existing RO system in such a way to allow for the installation of a future, stand-alone, RO system.
95	Specifications include section 07 21 19 SPRAYED FOAM INSULATION. If this is required, please indicate locations required	Provide spray foam insulation across the entire underside of the first floor suspended slab, above the crawl space.
96	It appears the architectural plans show a graded crawl space below the area indicated below while the structural plans show slab and beams on carton forms. Please clarify which is correct to all bidders by amendment.	The crawl space is correct. Structural sheet SS2.1 refers to the architectural drawings for the grading at the crawl space. The elevator pit is on carton forms.
97	Plan sheet ES10.02 Electrical Panel schedules list all panels on this sheet as being new. Plan sheets ES10.02-ALT labeled Alt #2, ES10.02-ALT labeled Alt #3, and ES10.02-ALT labeled Alt #5 lists many of these same panels as existing. Please indicate by amendment if bidders are to delete the panels labeled as Existing in Alt #2, 3, and 5 or if panels labeled existing are actually NEW and still required to be provided if the alternates are accepted. Similar question on plumbing schedules plan sheet PL2.1-ALT.	Base bid established the electrical infrastructure. Panels shown as Existing are carried over from base bid as they may contain circuits that pertain to the ADD Alternates. Existing panels shown in the ADD ALTERNATES should not be priced as new.
98	PL2.1-ALT labeled Add Alt #5 has Reverse Osmosis Schedule labeled as Alternate #3. Should this be relabeled Alt#5 to agree with the bid form?	Correct. RO system should be changed to Alt #5.
99	Plan sheet ES8.01 Electrical One Line Diagram shows a new emergency standby generator. Plan sheet ES8.01-ALT labeled Alternate #2 does not show a new emergency standby generator on the one-line diagram. It appears that the emergency standby generator is to be deleted with Alt #2? If that is not intended and not a correct understanding, please clarify otherwise by amendment.	Emergency Generator is established in base bid and shall remain throughout all Alternates.
100	Plan sheet ES10.02 Electrical Panel schedules list all panels on this sheet as being new. Plan sheets ES10.02-ALT labeled Alternate #2, ES10.02-ALT labeled Alternate #3, and ES10.02-ALT labeled Alternate #5) lists many of these same panels as existing. Panels do not yet exist. Why are they labeled existing? Is the government contracting out these panels by separate contract when the alternates are taken?	Base bid established the electrical infrastructure. Panels shown as Existing are carried over from base bid as they may contain circuits that pertain to the ADD Alternates. Existing panels shown in the ADD ALTERNATES should not be priced as new.
101	We received this inquiry from a plumbing	Please bid the materials listed within the

	<p>subcontractor and as this would be a cost savings are forwarding for your design engineers review and response.</p> <p>"I was reading through the spec section 22 66 00 Part 2 for chemical waste and vent piping to be high silicon Iron or borosilicate glass pipe. Would it be possible to substitute these items for CPVC?"</p>	<p>specifications. Cost saving substitutions will be evaluated with the submittals.</p>
102	<p>There are several locations in specs and plans that you refer us to specification 09 60 00 schedule for finishes and you did include that specification but it has no information of finishes.</p> <p>I'm asking this question in general but also particularly concerning the high build glazed coatings. Where do they go?</p>	<p>Refer to Addendum 1 for revised specification SECTION 09 91 00 and SECTION 09 96 59. Color and finish-in-kind is specified in the Room Finish Schedule on the drawings. Paint/coating types are scheduled by application type in section 09 91 00 and 09 96 59 of specifications.</p>
103	<p>On the drawing finish schedule the epoxy flooring is shown as SIKA QUARTZITE 6000, in the written specifications it calls out SIKA VERRAZZO would you tell me which flooring system is correct?</p>	<p>The flooring should be the SIKA VERAZZO as indicated in the Specifications rather than the other product indicated in the Drawings. The Verazzo is more chemical resistant and appropriate for research lab use.</p> <p>REVISED 02/23/2016</p> <p>It has been learned that the SIKA VERAZZO product has been discontinued. The substitute for VERAZZO is Sikafloor Quartzite 1100.</p>