

DATE: AUGUST 24, 2012

FROM: PFB ARCHITECTS

SUBJECT: BIDDER QUESTION RESPONSES

PROJECT: **RELOCATE JOLIET CBOC PHASE I - BID PACKAGE B**

TO: **OWNER, CONTRACTORS**

1. I do not see a fixture specification for the lighting that will have to be purchased. Since most of the existing fixture are to remain, I assume that we are replace with the identical fixture when require. If this is the case, can you provide the specifications for the existing fixtures?
Answer: Refer to E-500 per addendum #1 for lighting fixture schedule and electrical floor plans for the new lights. Lithonia is the existing light manufacturer. All existing lights are intended to be reused, any lighting fixtures required in excess of existing quantity is to be purchased new by contractor.
2. If you could please verify the dimensions for the whiteboards are 4'x6' and the pocket-less bulletin boards are 4'x6'. Also what is the length of the pocketed bulletin board since the width is 42"? No model number is available for the pocketed bulletin board to look up the specs.
Answer: The model #'s for all equipment items in question are listed on the equipment matrix on sheet A752 from the Addendum 1 set Issued 8/7/2012.
3. Do all Exam Rooms receive new upper casework over existing lower casework?
Answer: All Exam Rooms with existing lower casework will receive new upper casework. This includes the following rooms: 1047, 1049, 1051, 1052, 1053, 1054, 1057, 1059, 1063 & 1064
4. Is the casework on the South Wall of Women's Health Exam 3 1043 new or existing?
Answer: Casework on Exam 3 1043 Southern wall is new. New upper & lower casework to match Sothern wall of Exam 12 1048.
5. Does Exam Room 11 1064 include a blood pressure cuff?
Answer: Yes, provide blocking for owner provided blood pressure cuff along North wall in Exam 11 1064.
6. The drawing shows equipment line items - many with "no equal" Do you mean "no substitution"? Because there are many products that are "equal" or "superior" to what is identified. Are we to understand that the only products we can provide are from those identified?
Answer: Refer to sheet A752, General Note #1. Materials listed are the basis of design. Equal materials may be substituted pending approval by the owner of a substitution request.
7. Is the surveillance system a stand-alone system or must it tie into a remote control center? If so, what are the requirements / specifications for the remote center?
Answer: For purposes of this response, the surveillance system shall be considered a standalone system. The equipment specified is compatible with the VA's primary monitoring location located at the main campus.

8. The existing cameras that we are to re-use are Panasonic. Is a Panasonic system an acceptable equal to what is listed in the drawings?

Answer: The Truvision camera models referenced in the Camera Type Schedule on T-400 are listed as Basis of Design and shall remain as the equipment used for bidding purposes with "No equal" or "no substitution". All equipment specified shall be considered Basis of Design.

9. Amendment No. 0002, effective date August 9, 2012, on Page 3, under Description: Sheet G1002 states: "Bid Alternates removed from sheet." In discrepancy with the aforementioned, Bid Alternates were removed from Sheet G1003, not from Sheet G1002, in Amendment No. 0002.

Answer: Correct, bid alternates were removed from sheet G1003.

10. Specification section 275116.2.1.J (Public Address and Mass Notification System) calls for a supervised system. Plan T-600 does not mention any equipment that is supervised. Which is correct?

Answer: The building classification does not require a supervised paging system. Contractor shall bid system as indicated on drawings.

11. Specification section 275223 (Nurse Call and Code Blue Systems) does not mention a manufacturer. Plan T-600 calls for Rauland Responder 4000 Nurse Call System. We would like to propose the Westall Novus Nurse Call System as an equal (even though WestCall is superior).

Answer: Provide bids per the documents and specifications. After the bid is awarded, the contract may submit a substitution form for the owner's approval.

12. The symbol list on plan T-000 shows the NE symbol to be a wall dome light. Is this correct? What is its purpose?

Answer: The "NE" symbol is represented as a wall dome light in the technology demolition symbol list and as an emergency call button in the technology construction symbol list. Per the phase of construction, please reference the specific drawings for the appropriate representation of "NE".

13. The symbol list on plan T-000 shows the P symbol to be a Duress button. What does the duress button connect to?

Answer: Please refer to sheet T-401/1 for the Security Management Riser Diagram. "P" is shown as an input connection to "ID-CON-1" which can be referenced on sheet T-600 item number 17.

14. The drawings have the existing cameras in sections A&B. Are there more in the hospital in other sections to be connected?

Answer: Please refer to sheet T-111A Keynote (3) for details on additional cameras to be provided and installed.

15. Is camera 1A-17 existing? Not written in on drawings. DVR TVN-3016-3T is for existing analog I assume.

Answer: Camera 1A-17 is "existing to remain" per keynote (6) as shown on sheet T-111A. DVR TVN-3016-3T *can* be used with existing analog cameras.

16. There is Med-gas work shown on the drawings but no med-gas specifications. Will med-gas specs be forthcoming?

Answer: The medical gases work shown is for medical gases that are to be removed. No new work is required except for capping the connection back to the existing hospital. See specification below for pipe, fittings and connection methods.

PART 2 - PRODUCTS

2.1 OXYGEN MEDICAL AIR

- A. Design Pressure: 200 psig.
Maximum Design Temperature: 130°F
- B. Piping 3" and Under:
 - 1. Tubing: Type L hard drawn seamless copper tube, ASTM B819, cleaned and capped "for oxygen service". Tube size indicated is nominal designation.
 - 2. Joints: BCuP silver braze, AWS A5.8.
 - 3. Fittings: Wrought copper solder joint, ANSI B16.22, cleaned and bagged for oxygen service.

2.2 VACUUM

- A. Design Pressure: 200 psig.
Maximum Design Temperature: 130°F
- B. Piping All Sizes:
 - 1. Tubing: Type K or L hard drawn seamless copper tube, ASTM B819, cleaned and capped "for oxygen service". Tube size indicated is nominal designation.
 - 2. Joints: BCuP silver braze, AWS A5.8.
 - 3. Fittings: Wrought copper solder joint, ANSI B16.22, cleaned and bagged for oxygen service.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install all systems in accordance with manufacturer's instructions and the 2005 edition of NFPA 99.
- B. Braze joints in pipe and tubing. DURING BRAZING OF PIPE CONNECTIONS, PURGE INTERIOR OF PIPE CONTINUOUSLY WITH NITROGEN. Make joint without adding flux.
- C. Cut pipe and tubing accurately and install without springing or forcing.

17. On the electrical drawings it shows that there is electrical demolition to do. Will we be responsible for any electrical demolition or will this be done by the demolition contractor. Since demo will occur before the bids are submitted how will we differentiate between our demolition and the VA's demo contractor demolition?

Answer: The demolition shown on the drawings is demolition that is not included in the demolition contractor's scope and is to be a part of the contract scope for Bid Package B.

18. Drawings ES-100 calls a location for the future generator. It has dashed lines shown for the feeder to the generator. However, there is no size shown for this feeder nor is this feeder size shown on drawing E-401.

Answer: Refer to E-401 per addendum #1.

19. Can we get another walk through for some of our trades?

Answer: No additional walk throughs will be scheduled prior to the bid opening date.

20. Drawing E-200 shows equipment power connections for the three boilers in the pre-fab boiler plant. This is the only power shown for the boiler plant. The size of these 3 units is called out on drawing MP-500. No power feed size is called out. Should the steam boiler schedule be used to figure the feed size? It appears that there is other equipment in the boiler plant that would require power that is not currently shown on the electrical drawings. Will there be a single power point requirement for the plant.

Answer: Refer to E-200 per addendum #1

21. Item 87 on the Equipment Matrix Page A752 shows a 6 hook coat rack. Is this to be fabricated by the GC? Can we get a specification for this?

Answer: Grainger 6 hook coat rack. Refer to attached cut sheet.

22. On plumbing Page PL 500 none of the motor technical information for calculating the motor sizes is shown for the circulating pumps, expansion tank or mixing valves. Can you please supply that information?

Answer: Pump CP-1 to be 1/3 HP, stainless steel or bronze construction, Taco 2400 series, B&G or Grundfos. Please refer to Sheet PL-500 addendum number 1 for all other information.

23. The L-1 fixture (lavatory) is discontinued. The replaced model is quite different. Can you provide an alternate model #?

Answer: Please use Kohler model K-1999.

24. The Room Finish Legend on page A702 lists 3 colors of Medintech Sheet Vinyl (SV 1-3). The Finish Legend listed on the bottom of each Finish Plan (A700-A701) shows 4 different hatch patterns for Sheet Vinyl. Is SV the same as SV 1?

Answer: See Addendum 1

25. SV 1 is shown to be *all* the flash cove (per the Room Finish Legend and Finish Plan Notes), so if SV and SV 1 are different is there also to be an SV flash cove?

Answer: See Addendum 1

26. Is there an item number for the Peter Pepper magazine rack?

Answer: Peter Pepper Model # 441, Side Panel Finish: LC, Front/Back Panel Finish: Soft White

27. Several of the items on the equipment are noted as "to match existing". Can you provide a manufacturer item number or can we get back in to see them? This especially refers to the Midmark cabinets.

Answer: The intention for the new casegoods is to match the existing casegoods, manufactured by Midmark. Contact Midmark for information on existing casegoods. Reference Sales #S077170 Various Models #CS-SOH022-

28. Is Spec section 123200 – Manufactured Casework to be provided by Midmark or is this open to the millwork contractors? Midmark has no idea what the models and sizes of these cabinets are.

Answer: The design intent is for the new casework to match the existing casework. Contractors are to bid what is in the documents. Once the contract is awarded the contractor may submit a substitution request to the owner for review and consideration. Reference Midmark Sales #S077170 Various Models # CS-SOH022-

29. Is this a LEED project?

Answer: No

30. Please provide specifications for the Winsted Console and Console Rack.

Answer: Winsted Console:

(1) Winsted Sight-Line security console, 72" plus 48" at 90°, 2 adjustable pullout keyboard drawers, 2 pencil drawers, 2 cup holder, 2 task lights, 2 quad monitor pole mounts, 2 door mounted PC shelves, power strips.

(8) HP 21.5" LCD monitors

Winsted Console Rack:

(1) Winsted equipment rack, 70"H 21"W x 38-3/8"D, with solid lockable door, vented top and fan, cable management accessories.

(2) HP workstations with Intel 4-core 3.6 GHz processor, TB internal disc, keyboard and mouse.

31. Please provide specifications for the American Locker Gun Safe and the American Locker Evidence locker. There is more than 1 on their website.

Answer: Evidence Locker - Model STE5-121812 w/ key only lock & 4" high recessed CRS base painted black

Gun Safe - Wall mounted four pistol locker 14-1/4" x 4" x 28 3/32"

32. What is the wood species on the wood doors? Is rift cut red oak acceptable?

Answer: Contractor is to Match existing wood doors to remain. For bidding purposes use GRADE A, RIFT CUT RED OAK w/ CLEAR CL02 FINISH (VT Industries or equal)

33. What are the sizes of the HW, HWCHW140 and HWC 140 pipe just west of room B028?

Answer: Please refer to Sheet PL-110A addendum number 1.

34. On drawing PL-110B the room B025 has no specification listed. The "refer to" arrow has no reference drawing.

Answer: Please refer to Sheet PL-110B addendum number 1.

35. The specifications indicate that DWV copper is to be used for the sanitary/vent tubing. This is not a common install so we just wanted to clarify if Type M copper will be acceptable?

Answer: Type M copper is acceptable as long as it meets the Illinois plumbing code.

36. Is the Herman Miller Furniture to be included in our proposals?

Answer: Modular furniture is to be included in your proposal.

37. Is there a manufacturer specified for the water softener?

Answer: Please refer to Sheet PL-500 addendum number 1.

38. Drawings ES-100 has 3 dashed lines shown for conduits going into the building. 1-2" conduit for the boiler going to panel "N". 1- 4" conduit from the future generator which appears to go to existing panel GDP. The final 4" conduit is tagged to be capped at the southwest corner of the building. If we reference EP-110A the third conduit appears to run to panel "N". Is this correct? Should the 4" conduit with pull string run to panel "N"?

Answer: Correct – (1) 2" conduit from Switchboard 'N' to boiler house, (1) 4" conduit from Switchboard 'N' to future trash compactor (SW of site), and (1) 4" conduit from Generator Distribution Panel to future generator. Provide pull string in conduit to future trash compactor.

39. Drawing E-401 upper left corner shows existing GDP with bold line out to the top. This would indicate new work. It calls out to be a 4" conduit. If this is the conduit shown on ES-100 & EP 110A this conduit is stubbed to a location for a future generator. There would be no place to terminate these cables they would be hanging in the air or buried. Is this cable to be installed in the conduit as shown? If so what will be done with the cable being left outside for the future?

Answer: The final location shall be coordinated with the generator pad and generator to be leased at the start of occupancy. The contractor will be expected to provide connection of the leased generator.

40. Are existing roof mounted AHU, chiller, exhaust fan and filter section to be dismantled and hauled away by the HVAC contractor or the owner's demo contractor? If not, where on campus will we store that equipment?

Answer: Exhaust fan noted on MD-111A is the only mechanical equipment to be removed from the roof and handed over to owner by HVAC contractor.

41. Is hoisting and removal of existing equipment to be done during off hours if the GCs do it?

Answer: ALL work is to be done during normal working hours.

42. Drawing M0.00, Note 14 indicates flexible ducts are not allowed at connections to diffusers and registers this is not the norm. Specification Section 233100 HVAC Ducts And Casings, Paragraph 2.7 indicates flexible ducts are allowed. Which is correct?

Answer: Flexible ducts are allowed per 23 31 00.

43. Specifications include two sections for ductwork construction: Section 233100 HVAC Ducts And Casings and Section 233113 Metal Ducts. Which do we follow?

Answer: 23 31 13 Metal ducts are not included in this project. Follow section 23 31 00.

44. Is exhaust ductwork to be stainless steel construction? If so, is it fully welded construction?

Answer: Exhaust duct is to be galvanized steel. Welded construction is not required.

45. Can we get a specification for the Item 6 Wall Mounted Monitor Arm?

Answer: Herman Miller Flo is the basis of design for the monitor arm. Refer to attached cut sheet.

46. Item #18 –Articulating Camera arm by Innovative Photograflex is not shown on line. Is this the correct company name?

Answer: Equipment Matrix is correct

47. Doors B039-1 and 1014-1 have card readers. Will these have electric strikes or electric locks with electrified hinges?

Answer: Door B039-1 to have electric lock, inactive leaf to have flush bolt top and bottom
Door 1014-1 to have electric Strike

48. On page A101A1 Construction keynote 16 is for installation of new shades. Does this refer to all windows along the wall or only those the arrow is pointing to?

Answer: Construction Keynote 16 refers to all exterior windows within the tagged room.

49. What is the extent of the demolition for the Plumbing, Fire Protection, HVAC and electrical?

Answer: Please refer to the drawings in addendum 1 that refer to plumbing, fire protection, HVAC and electrical demolition.

50. Are the patient lifts to be included in the GC proposals or will these be supplied by the VA?

Answer: No patient lifts are to be included in this project. Power identified in electrical drawings for patient lift docking to remain.

51. Is so, we see 4 locations for patient lifts on the electrical drawings. Is this the total count on the patient lifts?

Answer: No patient lifts are to be included in this project. Power identified in electrical drawings for patient lift docking to remain. 4 locations is correct.

52. There is no sizing for the water piping on drawings PL-110B & PL-200. Please provide.

Answer: Please refer to Sheets PL-110B and PL-200 addendum number 1.

53. We cannot find a drawing showing the boiler feed locations crossing the parking lot. They do cross the lot don't they?

Answer: Boiler feed system is housed within the boiler plant, they do not cross the parking lot.

54. There is an electrical feeder shown going out to the future generator pad. Will there be a pad located anywhere on the lot?

Answer: The intent is that there will be a pad for a future generator. A temporary generator will be used until the new generator is designed and specified. The contractor is expected to provide connection to the leased generator.

55. Will the electrical and steam pipe, if installed in a trench be allowed to be placed in the same trench? If there needs to be a separation, what is the distance of that separation?

Answer: The electrical and steam (and water) piping may be located in the same trench, however, maintain a separation between the steam lines and the nearest electrical conduit of at least 24".

56. We cannot find drawings or specifications for the boiler protection housing. Is this a part of the GC work?

Answer: The boiler plant is a pre-manufactured piece of equipment. Please refer to the pre-manufactured boiler plant specification for the housing details.

57. Sheet ES-100 Site AT&T Conduits; The plan instructs the AT&T conduits to be run to within five (5'LF) of the property line. The pathway shown locates the conduits running down the middle of Walnut Street. Is this correct? Wouldn't the nearest property line be just before the sidewalk, directly West of the building exit point? Is it your intent that the AT&T conduits be routed North along the West property line to some unspecified point to be determined later? Can you establish an allowance length of conduit for bidding purposes so everyone bids the same thing?

Answer: The underground conduit system shown on ES-100 and continued on drawing T-110A for AT&T services is shown for reference only and will be provided by others under separate contract. Do not include scope for this work in your bid.

58. Sheet ES-100 Site Generator Feeder routing; Is the Generator and the Boiler House part of this contract? Are they going to be located in the middle of the existing driveway or will they be below grade?

Answer: Generator feeder and boiler house are a part of this contract. Electrical feeders shall be underground, 36" below grade to top of conduit. Refer to mechanical plans for boiler house. Generator location will be approximately 10'-0" to the West of the boiler plant.

59. Sheet ES-100 Site Generator Feeder; Plan EP-110A, and the EM Power One Line do not give the size of the conduits required. This appears to be a 5kVA feeder from the substation to the Generator. Is there going to be cable in this conduit? Is this part of this contract?

Answer: Yes, refer to E-401 per addendum #1.

60. The electrical drawings are not complete enough for a hard bid. Please advise if you will be issuing a complete design or is your intention for this to be a design build job. (Drawings are not circuited, fixtures not labeled.

Answer: Refer to drawings issued per addendum #1.

61. Drawing ES-100 calls out a location for future generator. It has a dashed line shown for a feed to this generator. It does not show a size for this feed on the drawing like it shows for the telephone. It has a note to refer to drawing EP-100A for continuation. Drawing EP-110A shows the dashed line running to the existing GDP. It has the note referencing refer to ES-100 for continuation. There still is no size marked for this feed. Looking at drawing E-401 is the single line for emergency power this would normally be the final place that this information is found on bid documents. It does not show this feed or size for it. What size is the feed from the future generator location to the existing GDP in the building to be?

Answer: Refer to updated drawings per addendum #1.

62. Drawing E-200 shows equipment power connections for three boilers in the pre-fab boiler plant. This is the only power shown for the boiler plant. The size of these three units is called out on drawing MP-500. No power feed size is called out should the steam boiler schedule be used to figure the feed size? It appears that there is other equipment in the boiler plant that would require power that does not show on the electrical drawings. Will there be any single point power requirement for this plant?

Answer: Refer to sheet E-200 per addendum 1

63. There are no examples of the signage in this package, does the designer have any drawings of the signs? There is a sign locations page but no page which shows what the signs should look like.

Answer: Refer to Signage General Note 1 on Sheet A800 & A801. Graphical representation of signage is available through VA Interior Signage Standards documents from the VA TIL website.

64. In the finish schedule, the laminate and solid surface colors are "TBD". Have these been determined yet

Answer: Refer to Addendum 1. All solid surface colors are specified. PL-2, PL-3, PL-4 finishes are TBD. Provide pricing for all 4 plastic laminate finishes to match the specification for PL-1.

65. Drawing F-111A - the area is shown with the corridors and the area to the north of the exam rooms as being remodeled. On the reflected ceiling drawings A201A2 and A201A1 the corridors and the areas to the north state that the existing ceiling grid and ceilings to remain. Do we figure the entire area as shown on the fire protection drawing or do we figure only the remolded rooms shown on the reflected ceiling drawings?

Answer: Use the Architectural Plan and Reflected Ceiling Plan. There is no change to the ceiling in the area to the North of the remodeled Exam Rooms (Temporary Blood Draw North of Column Line B.1)

66. The plans and specs show to re-use the existing EST3 fire alarm system panel and devices that are currently in the building. In the specification page 283100-10, Part 2 Products, 2.1 A states "All addressable equipment and components shall be new. Can we get clarification that all existing addressable fire alarm devices that are not shown on the demo to remove are going to remain? Will we have to warranty all of the existing to remain devices for the one (1) year warranty period?

Answer: The existing system is Edwards and shall be used to connect to the existing system.

67. On Sheet E-600, the fire alarm legend shows several approved manufacturers. The existing system is an Edwards EST3. You may want to remove Simplex, Notifier, & Siemens as they are not compatible with the existing system.

Answer: The existing system is Edwards and shall be used to connect to the existing system

68. Is a pressure reducing valve required in the gas piping serving the water heater?

Answer: Provide and install a gas pressure reducing valve and vent through roof, capable of equipment manufacturer's listed capacity.

69. What is the total system natural gas load required and at what pressure?

Answer: Coordinate the replacement of the gas meter and regulator with a new meter and regulator capable of providing 5,550 CFH of natural gas at a discharge pressure of 5 PSI, with an upstream pressure of 65 PSI. Contractor shall coordinate revising the existing gas service with NICOR.

70. Clarification needed on piping in Womens Locker 1009, sheet PD-110A.

Answer: Demo existing pipe and prepare for new connection on 1" HW and 2" CW lines in Womens Locker 1009.

71. Clarification needed in keynotes on sheet PD-110A.

Answer: REVISE Keynote 3 to read as follows: "Remove existing water heater, mixing valve, circulation pump, and associated piping as required. HW and HWC lines to be reconnected to new HW and HWC. Refer to PL-110A for reconnection." Refer to attached Supplemental drawing #2.

REVISE Keynote 4 to read as follows: "Remove existing water softener and associated piping as required. CW lines to be reconnected together. Refer to PL-110A for reconnection." Refer to attached supplemental drawing #2.

72. Clarification needed in keynotes on sheet PD-110B.

Answer: REVISE Keynotes 3 and 4 to read "PL-110B" not PL-110A.

ADD the following to Keynotes 3 and 4: "Cap existing CW line."

73. Clarification needed on vent piping at CWT on sheet PD-111A.

Answer: DELETE note 9 on existing vent at CWT and add note 9 at 4" VTR at Women's Restroom.

74. Clarification needed in keynotes on sheet PL-110A.

Answer: REVISE Keynote 2 to read as follows: "Extend 2" HW and 1" HWC and connect to existing HW and HWC lines at demolished water heater. Disconnect existing water heater, mixing valve, and recirculating pump. See PD-110A for demolition." Refer to attached supplemental drawing #1.

REVISE Keynote 3 to read as follows: "Reconnect existing CW lines serving demolished water softener in this area. See PD-110A for water softener removal." Refer to attached supplemental drawing #1.

75. Clarification needed on piping on sheet PL-110B.

CLARIFICATION: All existing piping shown as "HW 140" should be "HW."

REVISE note on new piping leaving building at west wall to refer to Sheet "PL-200" not P-200.

CLARIFICATION: Refer to Detail 2/PL-300 for exterior wall penetration.

76. Clarification needed on piping on sheet PL-111A.

Answer: EXTEND new 2" vent from FS-1 in canteen service room to existing 3" vent stack in Women's restroom instead of existing 1-1/2" vent in CW1022.

CLARIFICATION: Refer to detail 4/PL-300 for floor drain/sink detail.

77. Clarification needed on piping on sheet PL-200A.

CLARIFICATION: Reference to Sheet P-110B should be "Sheet PL-110B."

CLARIFICATION: Refer to detail 5/PL-300 for vent through roof detail.

CLARIFICATION: Refer to detail 1/PL-400 for yard cleanout detail.

CHANGE 6" vent from FS-2 at water softener to 2".

CHANGE tag on water hammer arrestors near MV-2 to "WHA-1(2)."

78. Clarification needed on details on sheet PL-301.

CLARIFICATION: Details 2/PL-301 and 3/PL-301: This detail applies to all new pipes.

ADD the following note to Detail 2/PL-301: "4. This applies to exam rooms only."

REVISE note 1 on Detail 4/PL-301 to read as follows: "This general detail applies to all items penetrating fire-rated walls or floors. The intent is to maintain the fire rating and to allow longitudinal movement. Refer to specification Section 07 84 00."

79. Clarification needed on details on sheet PL-400.

Answer: CHANGE reference to specification Section 15410 in Detail #1 to "22 13 00."

80. Clarification needed in plumbing material list on sheet PL-500.

Answer: DELETE VB-1 and VB-2 from material list.

ADD drain neutralization kit and connect to condensate discharge line on WH-1.

DELETE distribution system for TP-1.

81. Clarification needed in specification section 22 05 23 -General-Duty Valves for Plumbing Piping - Article 2.1 - Valves.

Answer: REVISE Article 2.1, paragraph F.1.a to read: "(4 inches) and smaller."

82. Clarification needed in specification section 22 11 00 - Facility Water Distribution- Article 2.2 - Cold Water/Hot Water (underground).

Answer: DELETE "Hot Water (Underground)" from Article 2.2.

83. Clarification needed in specification section 22 34 00 - Fuel-Fired Domestic Water Heaters.

Answer: ADD the following to Article 1.2: "F. Section 22 08 00, Commissioning of Plumbing Systems. Requirements for commissioning, systems readiness checklists, and training."

ADD new Article 3.4 as follows:

"3.4 COMMISSIONING

- A. Provide commissioning documentation in accordance with the requirements of section 22 08 00 – COMMISSIONING OF PLUMBING SYSTEMS for all inspection, start up, and contractor testing required above and required by the System Readiness Checklist provided by the Commissioning Agent.
- B. Components provided under this section of the specification will be tested as part of a larger system. Refer to section 22 08 00 – COMMISSIONING OF PLUMBING SYSTEMS and related sections for contractor responsibilities for system commissioning."

84. There are wireless window contacts shown on the riser diagram and described in the material list but no quantity is identified. What is the quantity of these sensors and where will they be located?

Answer: Contractor shall provide all labor and materials to install (36) wireless sensors as illustrated on detail 1/T-401. (Item #23 on Technology Equipment Schedule, Drawing T-600.) Sensors shall be installed at select windows throughout the space. Final locations to be determined by the VA.

85. Where are the Veterans Identification Stations to be located and what type of cabling requirement will they have?

Answer: Contractor shall include (2) C2 type information outlets at each Veterans Identification Station located in the basement reception area and one duplex receptacle connected to the nearby circuit. The station is to be located within reception area furniture, between the transaction counter and the ADA counter. Final location is to be coordinated with systems furniture layout.

86. Are common neutrals allowed?

Answer: No, all circuits must have their own neutral.

87. Mechanical plans show a water softener, are there any electrical requirements?

Answer: Yes, provide (1) duplex receptacle.

88. Mechanical schedule note unit heater disconnect provided by E.C. however nothing is shown on electrical plans.

Answer: Provide a manual switch for unit heater disconnecting means.

89. Lighting dimmer switch is shown on plans however electrical equipment schedule does not note the dimmer switch.

Answer: Dimmer will be scheduled on E-600.

90. Lighting dimmer switch is shown on plans however electrical equipment schedule does not note the dimmer switch.

Answer: Dimmer will be scheduled on E-600. Dimmer shall be 1000 watt, 120V linear slider operator with positive off in a single gang box. Lutron N-1000 or similar.

91. HBPC office shows multi-level switching but only one switch. Please clarify.

Answer: Add a single pole switch in the HBPC office to utilize multi-level switching.

92. Are IR occupancy sensors allowed in VA CBOC facilities?

Answer: The VA prefers not to use IR sensors in patient areas. Change the lighting controls to provide a single pole switch with ceiling type dual technology occupancy sensor for the exam rooms, tele-med and tele-health rooms.

93. Plumbing plans show an SK-1 near Nourishment Alcove [1037] without electrical power.

Answer: Provide electrical connection for the sink faucet utilizing existing circuit in area.

94. Technology plans shows TV's in many rooms however electrical does not show power, does power exist?

Answer: In exam rooms, procedure rooms, group treatment rooms, provide receptacle at +60" for all new TV's, coordinate with technology plans.

95. Architectural plans show an electronic check-in near the entrance but nothing found on electrical plans.

Answer: Provide one duplex receptacles at 18" AFF for convenience and two (2) electrical connections for the electronic check in. Connect to existing receptacle circuit in area.

96. Do the electrical conduits, plumbing pipes and steam lines need to be encased in concrete through the parking lot? On other projects I've done in the past these were very critical and for that reason were encased. In addition would these pipes need to be wrapped to prevent corrosion from the gravel backfill or concrete encasement?

Answer: Nothing is needed for plumbing pipes (note that the hot water lines are pre-insulated, double wall pipes). Steam and condensate lines are designed for a direct buried application. Electrical conductors shall be in RMC and do not require concrete encasement. Maintain a 24" separation between the electrical conduits and the steam piping.

97. In the modular furniture specifications it states that the general con have another furniture supplier other than Herman Miller. I thought they had a contract with the government so that no-one else could supply the furniture. Is this not so?

Answer: Modular furniture is what is to be bid, Herman Miller provided information as a courtesy, but are not a sole sourced manufacturer.

98. Procedure room 1 has a different receptacle layout than procedure room 2. Is this correct.

Answer:No, add three duplex receptacles and a 20A circuit breaker for Procedure room 1. The locations will be the same as Procedure room 2.

99. Specification section 09 67 23 includes multiple terrazzo types and thicknesses, which is correct?

Answer: The intent is to match the existing Terrazzo installation. Per the original installer the existing terrazzo is 3/8" Epoxy Terrazzo.

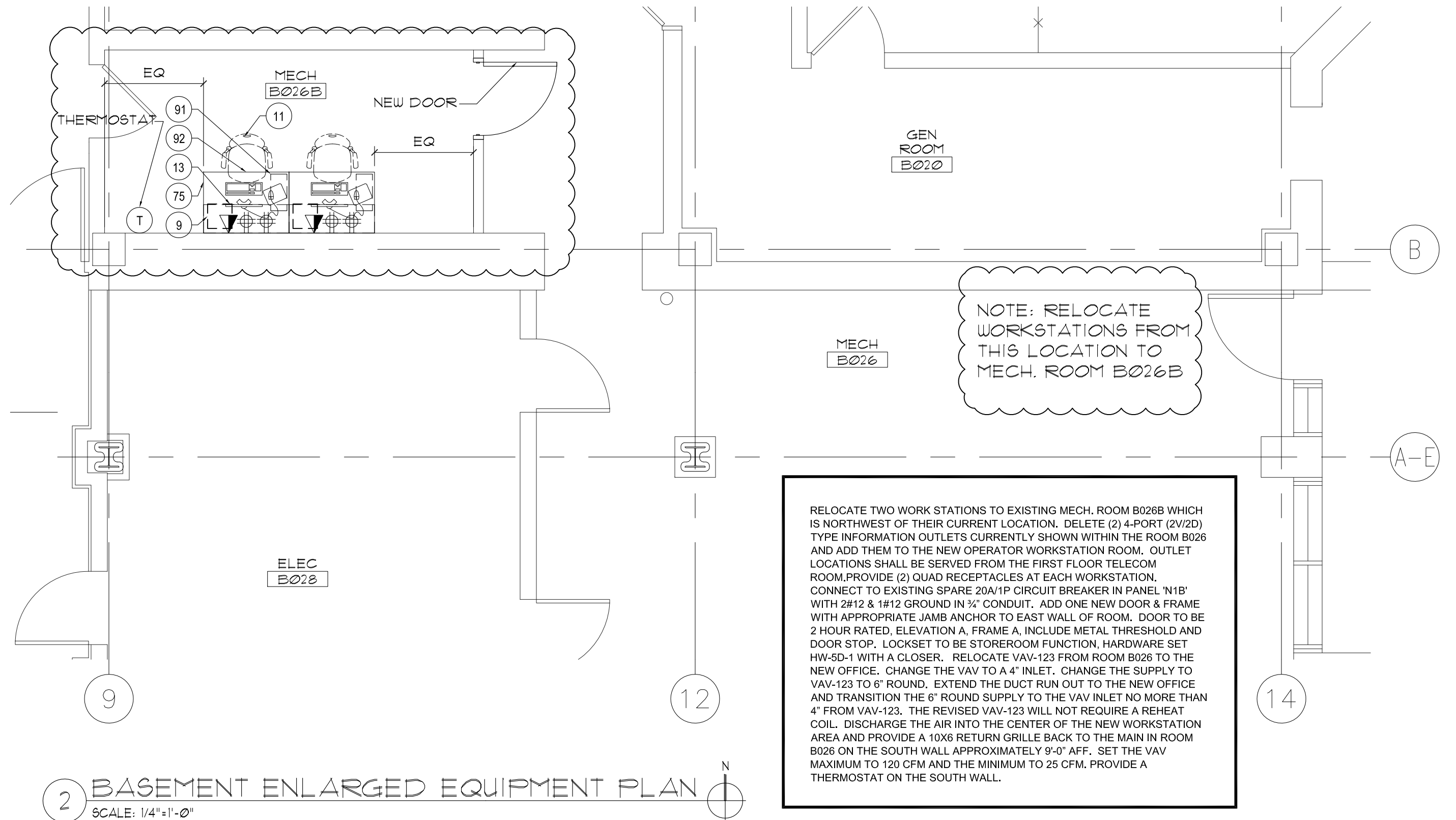
100. The for reference demo package, sheet AD101, note 8F-b indicates the 3 toilets in womens toilet room 2012 and the 1 toilet in mens toilet room 2011 are to be removed. The bid package A drawings show these toilets as existing. How are we to proceed?

Answer: These 4 toilets are being removed in the demo package. GC to provide new toilets in these rooms. Toilets to match the other new toilets in the project.

101. Is the location of the two workstation in the south mechanical room correct.

Answer: These two work stations are to be relocated to existing mech. room B026B which is northwest of their current location. Delete (2) 4-port (2V/2D) type information outlets currently shown within the room B026 and ADD them to the new operator workstation room. Outlet locations shall be served from the first floor telecom room. Provide (2) quad receptacles at each workstation. Connect to existing spare 20A/1P circuit breaker in Panel 'N1B' with 2#12 & 1#12 ground in ¾" conduit. Add one new door & frame with appropriate jamb anchor to East wall of room. Door to be 2 hour rated, elevation A, Frame A, include metal threshold and door stop. Lockset to be storeroom function, hardware set HW-5D-1 with a closer. Relocate VAV-123 from room B026 to the new office. Change the VAV to a 4" inlet. Change the supply to VAV-123 to 6" round. Extend the duct run out to the new office and transition the 6" round supply to the VAV inlet no more than 4" from VAV-123. The revised VAV-123 will not require a reheat coil. Discharge the air into the center of the new workstation area and provide a 10x6 return grille back to the main in room B026 on the south wall approximately 9'-0" AFF. Set the VAV maximum to 120 CFM and the minimum to 25 CFM. Provide a thermostat on the South Wall. Refer to attached sketch BPB-ASK-1.

END OF BIDDER QUESTION RESPONSES



2 BASEMENT ENLARGED EQUIPMENT PLAN
SCALE: 1/4"=1'-0"

ARCHITECT: STEVE G. JOHNSON
DRAWN: BP
CHECK: TJ, JM
JOB NO: 1066A.00
SCALE: AS NOTED
TITLE: BPB-ASK-1
SHEET: **A750B**

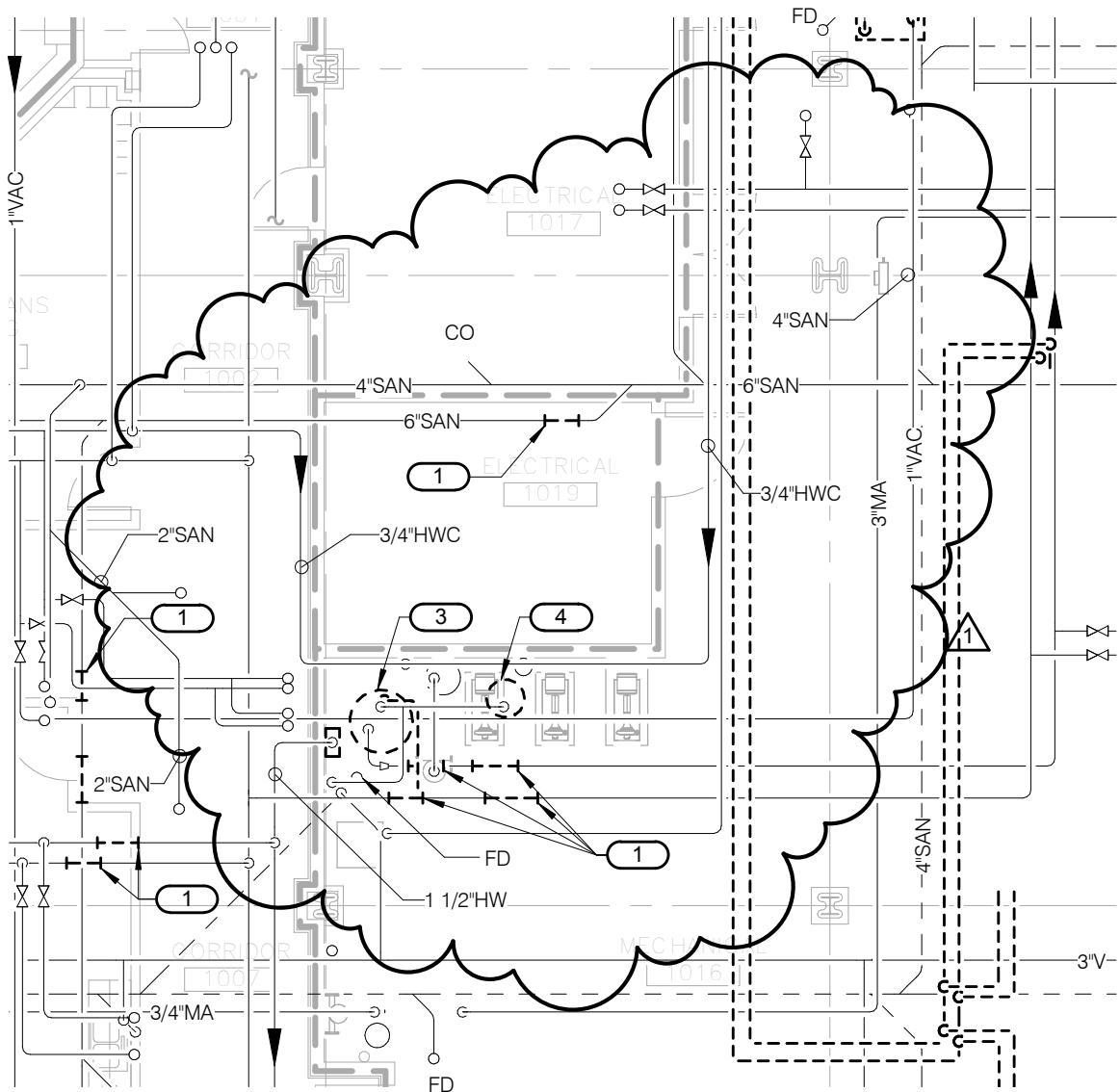
REV.:
DATE:
BIDDER QUESTION RESPONSES



Relocate Joliet CBOC Bid Package B - Phase I

PFB ARCHITECTS, LLC
33 N. LASALLE STREET, SUITE 3600
CHICAGO, ILLINOIS 60602
PHONE: (312) 376-3100 FAX: (312) 376-3106

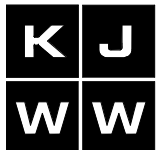
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1

SUPP. DWG - 1

1/8" = 1'-0"



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JOLIET CBOC RELOCATION

KJWW No. 12.0155.00

Date: 08/24/12

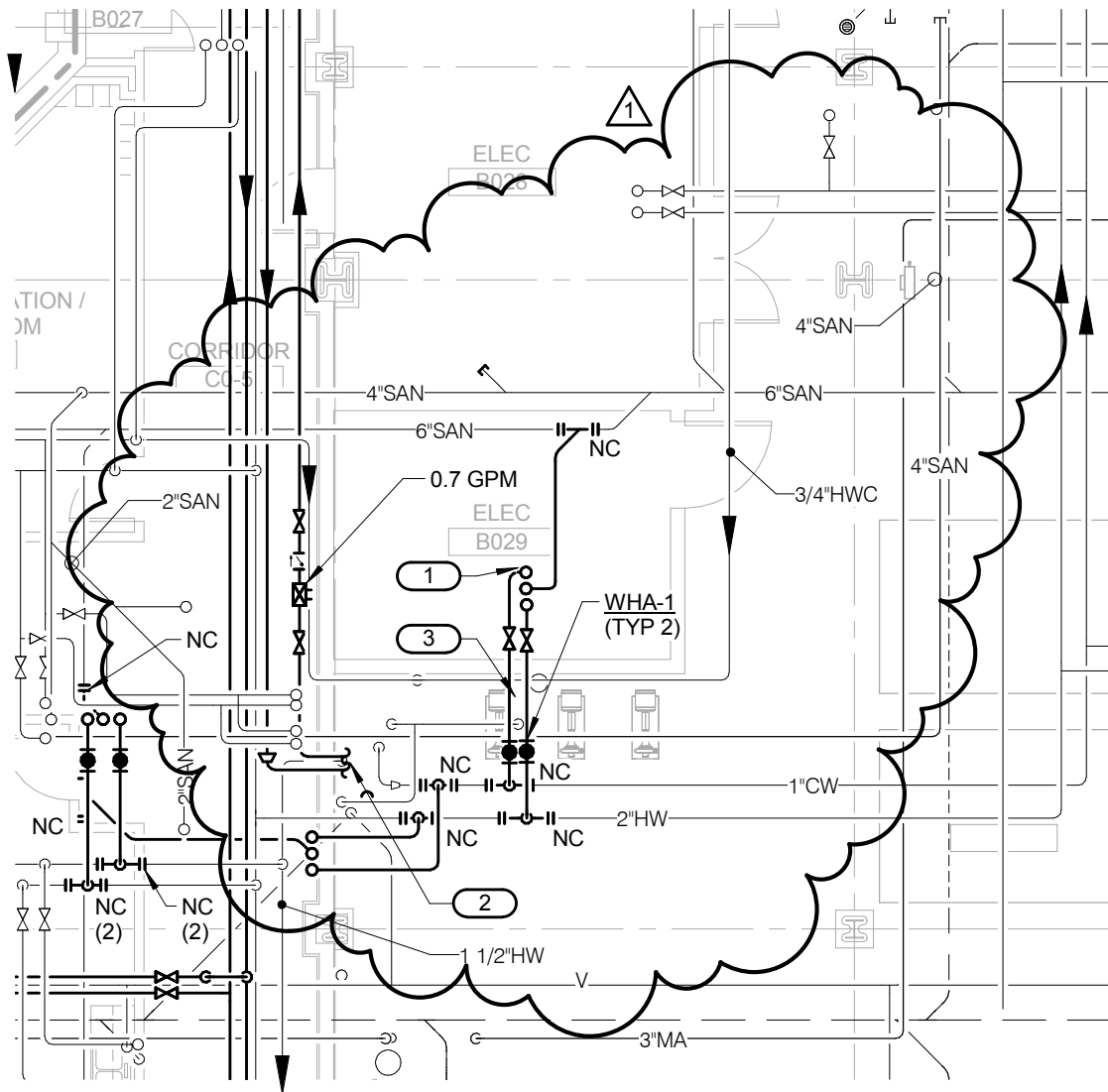
Ref. Sheet: PD-110A

Issue: BIDDER QUESTION RESPONSE

Ref. Description:

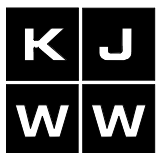
Supplemental Drawing
Number

PD-110A.1



1 SUPP. DWG - 2

1/8" = 1'-0"



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KJWW No. 12.0155.00

Date: 08/24/12

Ref. Sheet: PL-110A

Issue: BIDDER QUESTION RESPONSE

Ref. Description:

Supplemental Drawing
Number

PL-110A.1

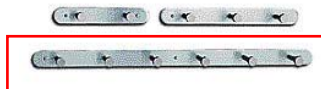
SAFCO 6 Hook Coat Rack, Nail Head, 2Hx36W

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6 Hook Coat Rack, Nail Head, Satin Aluminum Finish, Height (In.) 2, Width (In.) 36, Depth (In.) 2-3/4

Grainger Item #	8CGC8
Price (ea.)	\$75.35
Brand	SAFCO
Mfr. Model #	4202
UNSPSC #	56101503
Ship Qty.	1
Sell Qty. (Will-Call)	1
Ship Weight (lbs.)	2.2
Availability	Ready to Ship
Catalog Page No.	N/A
Country of Origin	China
(Country of Origin is subject to change.)	



Qty.

[Enlarge Image](#)

Price shown may not reflect your price. [Sign in](#) or [register](#).

When can I get it? Use your ZIP code to estimate availability.

Qty: ZIP code:

Tech Specs	Additional Information	Compliance & Restrictions	MSDS	Required Accessories	Optional Accessories	Alternate Products	Repair Parts
Item Type		Coat Rack					
Height (In.)		6 Hook					
Depth (In.)		2					
Width (In.)		2-3/4					
Material		36					
Finish		Aluminum					
		Satin					



Flo™ Monitor Arm



Just one touch—you'll feel the difference

Smooth. Light. Effortless. Creating a health-positive working environment has never been so simple. With few parts but unbeatable performance, Flo takes dynamic monitor arms in a healthier direction.



Geometric Spring System

Put a spring in your touch

Unlike other solutions that use mechanical springs that are cumbersome and time consuming to adjust, Flo uses a patented geometric spring technology that is simple to adjust and delivers a greater range of articulation than any other monitor arm in its class. Up and down, in and out—Flo moves effortlessly where you need it. No tools. Just fingertips.



Counter Balance Indicator

Installs fast

The quick-connect VESA bracket makes installing the monitor fast. A single counter-balance adjustment and the visual weight indicator let you adjust tension to the optimal setting—and then quickly dial in to the proper number when installing monitors in multiple workstations.



Future-proof the workplace

The combination of Flo's significant vertical adjustment range and its -40 degree rearward tilt makes Flo the ideal solution for touch-screen technology and people with progressive lenses.

Specifications:

Technical Specifications:

- Maximum monitor weight: 20 lbs
- Vertical Adjustment: 13.3"
- Focal Adjustment: 20.6"
- Tilt Range: - 40° rearward; 40° forward

Additional Features:

- Quick-release monitor attachment enables screen to be removed in seconds
- Allows easy positioning of monitor in landscape or portrait orientation
- Combination VESA 100/75 mm bracket included

Design for the Environment:

- Up to 99% recyclable at the end of its useful life
- Composed of 75% recycled material

Warranty:

- 12-year, 3-shift

Flo is part of Herman Miller's Thrive portfolio of ergonomic workplace products. To learn more, visit hermanmiller.com/products/flo-monitor-arm.



Design for the Environment:

- Up to 99% recyclable at the end of its useful life
- Composed of 75% recycled material

Warranty: 12-year, 3-shift

Designer: Colebrook Bosson Saunders

General Dimensions

A vertical adjustment 13.3 in.

B focal adjustment 20.6 in.

**FLO MONITOR ARM hermanmiller.com/products/flo-monitor-arm**

- Smooth and effortless movement.
- Geometric spring system delivers best-in-class adjustability with a greater range of articulation than any other dynamic monitor arm on the market.
- Provides a tilt range of -40° degree rearward and 40° forward.
- Compatible for use with touch screens, enabling the user to move the screen into either a reading or touch position; ideal solution for users with progressive lenses.
- The visual counter balance indicator allows for faster installation in multiple workstation environments.
- VESA 100/75 mm bracket makes changing from portrait to landscape orientation effortless.
- Quick release monitor attachment so screen can be removed in seconds.
- Supports monitor up to 20 pounds.

PART OF THE THRIVE PORTFOLIO

Our health-positive products help people work at their most safe, effective and motivated levels, so everyone can thrive.