

0001

CONTINUATION PAGE

AMENDMENT NO. 1

DATE: March 16, 2016

RE: VA Medical Center
5000 West National Avenue
Milwaukee, WI 53295

VA Project No. 695-15-118

The following changes regarding the contract specifications and drawings are hereby provided by amendment.

Attachments:

ARCHITECTURAL & CIVIL

Section 00 33 00 Cast in Place Concrete
Section 01 01 10 IC Infection Control 3-9-2016
Section 02 82 11 Attachment: Laboratory Bulk Sample Analysis Results
Section 08 31 13 Access Doors and Frames
Section 11 31 00 Residential Appliances
Section 12 48 13 Entrance Floor Mats and Frames
AD101 - Demo plan
A101 - Floor Plan
A801 - Door Schedule and Details
A SK 1/2 - Slab Opening Plan & Section

PLUMBING

P100 - Basement Floor Plan
P101 - First Floor Plan
P400 - Plumbing Isometrics
P500 - Plumbing Details and Schedules

HVAC

Section 23 81 00 - Decentralized Unitary HVAC Equipment
MH101 - First Floor A-Wing HVAC Ductwork
MH102 - First Floor A-Wing HVAC Piping

ELECTRICAL

No items.

FURNITURE

- IF101 – First Floor Furniture Plan
IF601 – Dimensioned Elevation Plan

Specifications:

GENERAL REQUIREMENTS

- 1.) SECTION 01 01 10 – Infection Control – **REPLACE**
 - Delete Specification Section from Contract Specifications.
 - Add attached Specification Section to Contract Specifications.
- 2.) SECTION 13 21 16.15 – Schedule – **REPLACE**
 - Delete Part 1.1A. Description and replace with the following:
 - A. The Contractor shall develop a Critical Path Method (CPM) plan and schedule demonstrating fulfillment of the contract requirements (Project Schedule), and shall keep the Project Schedule up-to-date in accordance with the requirements of this section and shall utilize the plan for scheduling, coordinating and monitoring work under this contract (including all activities of subcontractors, equipment vendors and suppliers). Conventional Critical Path Method (CPM) technique shall be utilized to satisfy both time and cost applications. CPM to be submitted within 45 days of notice to proceed. Contractor can mobilize, however physical work on contract can not start until network analysis schedule is approved by the VA. The Contractor's representative shall engage the services of an outside consultant to complete the CPM or may execute in-house per section 1.2C of this specification. Consultants deemed pre-approved by VA: CCS/OS, Chicago, IL; Spire Consulting Group, Austin, TX.

ARCHITECTURAL

- 1.) SECTION 00 33 00 – CAST IN PLACE CONCRETE - **ADD**
 - Add attached New Specification Section to Contract Specifications.
- 2.) SECTION 02 82 11 – TRADITIONAL ASBESTOS ABATEMENT – **ADD**
 - Add attached Attachment Report titled: Laboratory Bulk Sample Analysis Results
- 3.) SECTION 08 71 00 – ACCESS DOORS AND FRAMES – **ADD**
 - Add attached New Specification Section to Contract Specifications.
- 4.) SECTION 09 91 00 – PAINTING - **MODIFY**
 - Add item (c.) to 3.11.I.2. Mechanical and Electrical Work Field Painting Schedule:
 - c. Additionally, all existing sprinkler pipe that is exposed or will be exposed due to the work will be painted red.
- 5.) SECTION 11 31 00 – RESIDENTIAL APPLIANCES – **ADD**
 - Add attached New Specification Section to Contract Specifications.
- 6.) SECTION 12 48 13 – ENTRANCE FLOOR MATS AND FRAMES – **ADD**
 - Add attached New Specification Section to Contract Specifications.

PLUMBING

1.) SECTION 22 13 00 – FACILITY SANITARY AND VENT PIPING – **MODIFY**

- Add to Part 2 Product – 2.5 Floor Drains:

C. Type V (FD-V) medium duty (non-traffic) floor drain shall comply with ASME A112.6.3 The type V floor drain shall have an oval funnel and cast iron body. Funnel strainer shall consist of a slotted cast iron floor-level grate funnel extension. Cut-out grate below funnel. Minimum dimensions as follows:

1. Area of strainer and collar – 23,000 square mm (36 square inches).
2. Height of funnel – 95 mm (3-3/4 inches).
3. Funnel size - 90 by 228 mm (3-1/2 by 9 inches).

HVAC

1.) SECTION 23 81 00 – DECENTRALIZED UNITARY HVAC EQUIPMENT –**REVISE**

- Revise ‘Decentralized Unitary HVAC Equipment’ Specification Section, paragraph 2.4 per attached.

ELECTRICAL

No Items

Drawings:

GENERAL

1.) DEDUCT 1 – Throughout construction document.

REVISE: Revise Deduct Plan Note to read: Provide cost for material and labor to provide typical gypsum board and metal wall construction, S3.A1, from floor to structural deck in lieu of demountable wall partitions. Walls shall accommodate data, electrical, blocking, and finishes to support work indicated on drawing. Ceiling grid and fixtures to be centered in rooms.

CIVIL

2.) SHEET CS101 – Site Plan

REVISE: Revise Existing Sheet per the following revisions:

- a. Replace in detail 6b Typical OSHA Guardrail the following text “*Schedule 40 Aluminum Pipe Alloy 6105-T5 ASTM-B-429 or ASTM-B-221*” and associated references with: Satin Stainless Steel, 304.

ARCHITECTURAL

- 3.) SHEET AD101 – Demolition Floor Plan
REPLACE: REMOVE Existing Sheet and REPLACE with Attached Drawing per the following revisions:
- a. Delete Plan Note H-2 in Corridor A, 1/AD101 Demolition Floor Plan –First Floor
 - b. Add the following Demolition Plan Note to list: 25. REMOVE CONCRETE FLOORING TO ACCOMMODATE FLOOR ACCESS HATCH. REFER TO STRUCTURE DETAIL SK-1 AND SK-2.
 - c. Add diagram 4/AD101 of lower level for reference to existing crawlspace access.
- 4.) SHEET A101 – Floor Plan
REPLACE: REMOVE Existing Sheet REPLACE with Attached Drawing per the following revisions:
- a. Delete wall tag S3.F1 in Men A193.
 - b. Add floor access hatch sized 36"x48" in center of Storage Room A160A.
 - c. Add detail reference at Storage Room A160A to read: 1/SK-1, which references attached SK-1 Floor Slab Opening.
 - d. Add the following Construction Plan Note to list and to new hatch in Storage Room A160A: 20. PROVIDE NON-RATED FLOOR HATCH. REFER TO STRUCTURAL DRAWINGS 1/SK-1 AND 1/SK-2 AMENDMENT #1.
- 5.) SHEET A701 – Details
REVISE: Revise Existing Sheet per the following revision
- a. Delete the following note: "2" deep leg 3 5/8" steel slip track".
- 6.) SHEET A801 – Door Schedule and Details
REPLACE: REMOVE Existing Sheet and REPLACE with Attached Drawing per the following revisions:
- a. Add Signage column to Door Schedule.

PLUMBING

- 1.) SHEET P100 – Basement Floor Plan
REPLACE: Remove Existing Sheet and REPLACE with Attached Drawing per the following revisions:
- a. Add waste and vent piping for added FD-Vs
- 2.) SHEET P101 – First Floor Plan
REPLACE: Remove Existing Sheet and REPLACE with Attached Drawing per the following revisions:
- a. Revise floor drain tags from "DF-D" to "FD-D"
 - b. Add FD-Vs in IT Closet A192A and Mail/Work A156,
 - c. Add vent piping
 - d. Add Coring for added floor drains and vent piping
- 3.) SHEET P400 – Plumbing Isometrics
REPLACE: Revise Existing Sheet and REPLACE with Attached Drawing per the following revisions:
- a. Revise floor drain tags from "DF-D" to "FD-D"

- b. Add waste and vent piping for added FD-Vs
- 4.) SHEET P500 – Plumbing Details and Schedules
REMOVE: Revise Existing Sheet and REPLACE with Attached Drawing per the following revisions:
- a. Revise Plumbing Fixture Schedule for P401 & P501 as shown
 - b. Revise Drain Schedule tag from “DF-D” to “FD-D”
 - c. Add Drain Schedule add FD-V as shown

HVAC

- 1.) SHEET MH101 – First Floor A-Wing HVAC Ductwork
REMOVE: Revise Existing Sheet and REPLACE with Attached Drawing per the following revisions:
- a. Revise branch duct serving exhaust grille in Shower A177B as shown.
 - b. Revise Keyed Notes as indicated.
- 2.) SHEET MH102 – First Floor A-Wing HVAC Piping
REMOVE: Revise Existing Sheet and REPLACE with Attached Drawing per the following revisions:
- a. Revise Keyed Notes as indicated.
 - b. Delete branch piping as indicated in OAT Large Group Room A160 as shown.
 - c. Add condensate drain piping to RCU in Mail/Work A156 as shown.
 - d. Add condensate drain piping to RCU in IRM A192A as shown.

ELECTRICAL

No Items

FURNITURE

- 1.) SHEET IF101 – First Floor Furniture Plan
Add: Add Attached Drawing for contractor reference.
- 2.) SHEET IF601 – Dimensioned Elevation Plan
Add: Add Attached Drawing for contractor reference.

The following questions and answers provide clarification to the contract documents:

43 Renovate for Substance Abuse – 695-15-118
Pre-Bid Questions and Answers

1. I am assuming there are existing toilet rooms on the floors above the toilet rooms we are demolishing on the 1st floor. Please confirm.

ANSWER: Yes, there are toilet rooms on the 2nd and 3rd floor, and these will remain in service. The piping is getting re-routed that serves them per drawings PD101 and P101 . These two floors ARE occupied, but sparsely and only as outpatient offices. Plumbing, HVAC and electrical outages that will impact the 2nd/3rd floors are expected and with proper notification should not be an issue. Drawings do exist for the existing conditions of floors 2 and 3.

2. Can we get a drawing that shows the location of the access opening for the crawl space in reference to the project?

ANSWER: Refer to Amendment 1, Drawing A101: Floor Plan

3. At our pre-bid meeting yesterday, we were shown an entrance to the crawl space close to the south end of the building. With all work occurring at the north end, this would require workers crawling the length of the building in what will most likely be defined as a confined space. Is there another crawl space entrance closer to the north end of the building?

ANSWER: Refer to Amendment 1, Drawing A101: Floor Plan.

4. On sheet MH102 there are a branch lines to nowhere leading from the lines serving VAV-A155A (just to the right of Storage A158). What do these lines serve?

ANSWER: Refer to Amendment 1, Drawing MH102: First Floor A-Wing HVAC Piping

5. During our walk-thru, we were shown a door leading to the crawl space at the south end of the facility. This is very far from the location of the work. Is there another crawl space entrance closer to the project location?

ANSWER: Refer to Amendment 1, Drawing A101: Floor Plan

6. Where is the condensate to be routed and terminated for the ductless split units? The indoor units will require a drain for condensate. Nothing is noted or shown on the drawings.

ANSWER: Refer to Amendment 1, Drawing MH102 – First Floor A-Wing Piping

7. Are permanent concrete pads going to be required for the small condensing units associated with the ductless split units? If so, who is responsible for providing them? Would lay-down composite pads be acceptable in lieu of poured concrete if required?

ANSWER: GC shall provide permanent concrete pad per drawing CS101 - Site Keynote 3 and drawing A101 - Construction Plan Notes 12. HVAC Contractor shall coordinate weights of shop-drawing-approved condensing units with G.C.

8. Will contractors be able to park in the B43 lot?

ANSWER: No – all contractors require contractor lot decals and will park in the contractor lot. Consideration will be given to material drop off at the site (temporary parking) and site superintendent only for parking at B43.

9. Will there be space available near B43 for roll off storage boxes?

ANSWER: Refer to sheet CS101 site keynotes #5 and #7.

10. Will there be space available near B43 for metal dumpsters?

ANSWER: Refer to sheet CS101 site keynotes #5 and #7.

11. Who Supplies the chillers?

ANSWER: The chillers in the A-Wing south basement mechanical room are existing to remain. The associated remote outdoor condensers shall be replaced and provide by the contractor as indicated on drawings MD101 & MH101, as scheduled on drawing MM600 and as specified in amended section 23 81 00 Decentralized Unitary HVAC Equipment – paragraph 2.4. Refer to the Contract Documents.

12. Who Supplies the VAV Boxes?

ANSWER: Unless otherwise noted in the contract documents, all furniture, equipment and supplies included in the contract specifications and drawings are provided by the contractor.

13. Are there going to be dampers at the beginning of loop of duct?

ANSWER: Volume dampers are not required in the new supply, return or exhaust duct mains serving the project area. The Contractor shall temporarily cap the duct mains serving the project area during construction.

14. Where are the access doors required in duct if any?

ANSWER: Refer to Contract Documents – Specification section 23 31 00 HVAC DUCTS AND CASINGS.

15. Who supplies the Fire Damper?

ANSWER: Refer to Contract Documents – Specification section 23 31 00 HVAC DUCTS AND CASINGS.

16. Is the test & balancing the responsibility of the HVAC contractor?

ANSWER: Yes – Refer to Contract Documents - Specification section 23 05 93 Testing, Adjusting and Balancing for HVAC. The mechanical contractor will sub to an independent third party contractor for testing and balancing. *(AE – if this isn't clear in specs – make the change.)*

17. Vestibule units are hung by and supplied by who?

ANSWER: Refer to the Contract Documents – Specification section 23 82 00 CONVECTION HEATING AND COOLING UNITS.

18. Can we use a skyjack?

ANSWER: No.

19. Can we get specifications for the appliance that we need to purchase that are listed on page A102?

ANSWER: Refer to Sheet A102, EQUIPMENT COMMENTS 1 & 7 for appliance requirements and see Amendment 1, Specification 11 31 00 Residential Appliances for additional information.

20. Can you please give us the details for wall type S3-F1? It shows up in men's room 193.

ANSWER: Deleted, per Amendment 1, Drawing A101 Floor Plan. Refer to Sheet A101 GENERAL PLAN NOTE 12 for additional information.

21. Is there a default wall type for walls that are not labeled?

ANSWER: Refer to Sheet A101 GENERAL PLAN NOTE 12.

22. What is the wall type that replaces the DIRT walls?

ANSWER: Refer to Amendment 1; Drawings: General: 1.) for change to DEDUCT SCOPE of WORK to clarify wall type as S3.A1.

23. Drawing AD101 – Corridor A – Note Indicator H-2. What does H-2 refer to?

ANSWER: Refer to Amendment 1, Drawing AD101. H-2 is deleted.

24. Drawing AOO1 - Wall Detail S3B1. Is sealant noted to be fire caulk?

ANSWER: Yes – wall type S3.B1 is a fire-rated wall system. All penetrations and joints require fire-caulking. HILTI is the only authorized product for fire caulking at the VA.

25. Drawing CS101- Details 1a. and 1b. Do new walkways require wire mesh?

ANSWER: No. Refer to Amendment 1, Specification SECTION 00 33 00 – CAST IN PLACE CONCRETE, use synthetic fiber in concrete mix.

26. Drawing A801 – Hollow Metal Frame Details – Spec Section 08.11.13 - Page 3 - Article 2.3 - Paragraph 3. "infill all frames with grout" Clarify if frames are to be installed as detailed or if grout is also to be used.

ANSWER: Frames are to be grouted per spec and Door Schedule General Notes 7.

27. Drawing A101 – Construction Plan Notes – Note 14. Cannot find specification for new walk off mat. Please clarify.

ANSWER: Refer to ID101 FINISH LEGEND CT-1 and Amendment 1, Specification 12 48 13 ENTRANCE FLOOR MATS AND FRAMES for additional information.

28. Drawing CSI01 – Detail 6a. and 6b. 6a – Cannot use stainless steel base flange on an aluminum rail unless we use set screws to attach. Please clarify. 6b -No finish specified for aluminum rail. Is it anodized? Please clarify.

ANSWER: Refer to Amendment 1, Drawings, Civil for additional information.

29. Drawing A701 – Detail 16. Clarify use of 2" deep leg 3 5/8" steel slip track?

ANSWER: Refer to Amendment 1, Drawing 16/A701 for change in text, and framing is typical 3 5/8" metal stud framing and channels.

30. Drawing ID101. Is the carpet to be installed prior to DIR TT walls being installed?

ANSWER: Yes, See Amendment 1, Sheet ID101, GENERAL NOTE #16 has been added.

31. Drawing G1103. Why is infection control required at opening J 70A?

ANSWER: This construction door/barrier is for both infection control and it will be a construction barrier with secure door, hardware and card reader. Primary reason for this barrier is to secure the job site and to prevent access from unauthorized persons.

32. Drawing A101 – Storage Rooms 158, 160A, A184. What does dark line through walls indicate?

ANSWER: Storage rooms are required to have a one-hour wall construction rating. Sheet A101 states that these walls are to be type S3.B1 wall construction. If you refer to sheet A001 for wall types, you'll see that S3.B1 shows the one-hour wall construction detail.

33. Drawing A101 – Deduct Scope of Work – Note #1. Since base bid demountable walls extend from floor to ceiling (9'-0"), why are alternate wall system (steel studs/drywall) extend from floor to deck (12'-0" +/-)?

ANSWER: Construct as per the plans. Demountable to be 9'-0" and alternate wall system to be floor to deck.

34. Drawing A102 – Room AIGS OAT LARGE Group Room Ref item 16 lockers, please clarify

ANSWER: Lockers are item #15 (not #16). Lockers are NOT in the (there is no "AIGS") OAT LARGE Group Room. Lockers are required in Laundry Room A177A.

35. Drawing A101 – Floor Plan – First Floor. Provide steel stud/drywall type references for center core of rooms.

ANSWER: Refer to question #21 above. (Refer to Sheet A101 GENERAL PLAN NOTE 12.)

36. There are multiple pages of blue print pages showing details on different sign types. Cannot locate a blue print that details a signage schedule or a floor plan layout that indicates what sign type belongs to which location. Need to know quantity and location installation for each sign type. Can you please advise where this detail information might be located?

ANSWER: Refer to Amendment #1, Drawing A801 Door Schedule with Signage column.

37. Drawing A102 Equipment plan note #12 Fixed Furniture, Contractor furnish and install - comment #3 refer to furniture vendor drawings for final furniture placement and detailed furniture schedule. Is all the Herman Miller Furniture on the ID Drawings to be included in the bid price or is note #12 supposed to be OFOI?

Note #12 & comment #3 refer to furniture that is contractor furnished and contractor installed.

38. When do you anticipate the start date for this project?

ANSWER: The project is anticipated to be awarded 30-45 days after the bid opening. Notice to Proceed to the contractor is typically given within 30 days of award. Construction start date will be dependent on approved contractor construction schedule and submittals required to start the project as noted in the specifications.

39. Will VA remove furniture and debris from project site prior to GC mobilizing?

Yes.

40. Ref 010110(SN). Please confirm which area of work will remain occupied through construction as per 1.12 phasing. This conflicts with SN Risk Baseline page 1 of 4.

ANSWER: The construction area will be accessible only by IC/CN barrier doors and to the contractor only throughout the entire project schedule. The space is currently vacated and the new occupants will move in after the substantial completion is submitted and accepted. The spaces beyond the Temporary IC/CN Barrier Walls are occupied by VA and Veteran users (south half of 1st floor and both 2nd and 3rd floors. Work required in these areas will have to be completed to accommodate the day to day activities taking place in the building per the VA requirements. Electrical closet is located in south half of 1st floor – so permission from and coordination with VA will be necessary for electrical tie-ins.

41. Is there any phased occupancy for future occupants into Bldg 43 prior to substantial completion?

ANSWER: The project boundary will accommodate a single occupancy group, and they will move into the space after the substantial completion of the work within the project boundary.

42. Ref AD-101. One note is provide dot discuss ACM material for this entire project. Please provide the Environmental Report to understand the full scope of Environmental Concerns. Will GC be required to do further testing or is flooring the only potential ACM on this project?

ANSWER: Refer to Amendment 1, VA provided report is added to specifications.

43. Ref 010110(SN). Please confirm work hours for this project. We see 1530 and 1630 as end times throughout the specs.

ANSWER: 1530 is typical. Extended working hours for IC barrier construction, demo, shut-downs, outages, etc. are negotiable with prior COR approval.

44. Ref 010110(SN). Is a job site trailer required for/by GC or USG? Please also confirm trailer laydown area at Zablocki due to OSHA temp facility stand-off requirements.

ANSWER: A job site trailer is not mandatory, however the contractor will not be provided any space in Bldg 43 outside of the construction boundaries as noted in the construction documents for administrative or storage space. If the contractor chooses to utilize a job site trailer, the location shall be coordinate, in advance of placement with the Contracting Officer's Representative.

45. Ref 013216.15. Section 1.1 says "contractor's representative shall engage the services of an outside consultant to complete CPM". Then 1.2C states "contractor's representative shall have the option of developing the project schedule within their organization or to engage with services of an outside consultant." Can GC provide its own P6 schedule / CPM as opposed to utilizing a consultant? These statements seem to conflict.

ANSWER: The Contractor shall develop a Critical Path Method (CPM) plan and schedule demonstrating fulfillment of the contract requirements (Project Schedule), and shall keep the Project Schedule up-to-date in accordance with the requirements of this section and shall utilize the plan for scheduling, coordinating and monitoring work under this contract (including all activities of subcontractors, equipment vendors and suppliers). Conventional Critical Path Method (CPM) technique shall be utilized to satisfy both time and cost applications. CPM to be submitted within 45 days of notice to proceed. Contractor cannot mobilize until network analysis schedule is approved by the VA. The Contractor's representative shall engage the services of an outside consultant to complete the CPM **or** may execute in-house per section 1.2C of this specification. Consultants deemed pre-approved by VA: CCS/OS, Chicago, IL; Spire Consulting Group, Austin, TX.

46. Ref 013226. We note the section 1.7 requirements for the SSHO and CP. Could the "contractor representative / superintendent" also act as the SSHO for this project if they have the required qualifications? Or is it the intention of the VA that the SSHO and Superintendent/contractor representative be two separate individuals on the project?

ANSWER: Contractor representative/Superintendent can act as the SSHO for this project if they have the required qualifications and certifications.

47. The specifications do not provide a minimum number of GC field management staff required as full-time or part-time equivalent personnel on this project. As this is a \$2-5M contract, please provide the minimum requirements for the GC field staff, not to include the working site foreman/labor.

ANSWER: The contractor will provide the necessary personnel to complete the work safely and in accordance with the contract documents.

48. Ref ID-103 and A102. A102 states that "fixed furniture" item #12 is CFCI with comment number 3 (referring to the furniture schedule on ID103-105). Please confirm that all listed items on ID103-105 are considered 'note 3' CFCI items.

ANSWER: Refer to question #37 above.

49. Ref AD-101. What does Hazardous Removal H-2 represent in corridor A?

ANSWER: Refer to question #23 above.