

CONTINUATION PAGE

AMENDMENT NO. 3

DATE: September 06, 2012

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

VA No. 695-10-131

This Addendum consists of 10 pages, in response to all contractor questions received:

This Addendum includes the following attachments:

- Architectural Drawings- A001, A001A, A002
- MEP Drawings- FX101, M500, MH101, MP101, P100, P101, P500
- Specification Sections-
  - 062000- Finish Carpentry
  - 02821313- Glovebag Asbestos Abatement
  - 02833313- Lead Abatement
- Siemens Chiller Cut Sheet
- Asbestos Inspection Report

Solicitation Q&A Summary:

- 1) Please note Spec Sections 02 82 13.19 & 09 06 00 where listed in the table of contents but not included with the specifications. **Answer** : Addressed with amendment 1A to the Solicitation.
- 2) Chilled Water Piping: Supplemental drawing M-101 provided by Siemens indicates that the chilled water piping between the chiller and transfer station shall be 1-1/4" copper tubing and not exceed 148' each way. Specification section 23 21 13-4 indicates a Schedule 40 Steel option for chilled water and hot water heating piping. Is Schedule 40 Steel an acceptable option for the chilled water piping or is copper tubing required as indicated on M-101? Also, drawing MP101 indicates 2" chilled water pipe with runs greater than 148'. Please confirm that this is correct. **Answer**: No, steel is not an acceptable option for chilled water piping. Copper tubing is required for chilled water piping as indicated on drawing M-101. Also, the piping shall be 2".
- 3) Regarding the fire alarm system. The symbols list on sheet EY101 includes a "Notification Extender Panel NEP-1", but this item is not shown on the floor plan. I do see where it is shown on the the riser diagram on sheet E300, with a "only if needed" note. I understand that the existing panel covering this area is in closet B0426, and that it may not have enough capacity to handle the addition of the devices being installed with this project. Should the new "NEP-1" be installed along side the existing panel in B0426? **Answer**: Yes, space permitting, an additional NEP-1 can be installed.

4) Regarding the nurse call system. Is the existing nurse call duty station, which is being removed per the demolition drawing on sheet ET101, able to be reused for installation in room B0402? **Answer:** Drawings show new Nurse Call Duty Station to be installed per new work drawing on ET101 and Technology Equipment Schedule E601. The existing Nurse call duty station is in good condition and may be reused if VA approves. VA shall make final decision if existing can be reused. IF a new Duty station is not provided, provide credit for materials and device not installed.

- We have a concern with the nurse call system that is specified for the Radiation Oncology project (VA69D-12-B-0815). The project documents indicate that the existing Dukane nurse call is to be expanded as part of this project. Dukane sold their nurse call system business to General Electric several years ago. From what I understand, the closest vendor that represents this product is located near Madison. That vendor tells me that General Electric does provide support for this existing system in terms of repairing existing equipment, but they do not manufacture new devices to expand an existing system. The vendor also does not have enough new components in stock to facilitate the expansion of this system. There is some availability of used components, but this would certainly not meet the project specifications and these components would not have a warranty. The concern we have is that even if parts can be sourced at this time, the system is obsolete and future repairs could be difficult and down time excessive if there is a failure. At this point we are unsure how to meet the specification for the installation of this system. **Answer:** VA discussed the vintage of the existing Dukane system while in design. VA and the design team agreed that the system is becoming obsolete; we ultimately decided that it was not the appropriate time for a system replacement. We reached that conclusion after weighing the following:
  - o The criticality of the area served by the system. The system is confined strictly to the Oncology suite, which operates primarily as an outpatient clinic space.
  - o The scope of the renovation. A total of only 6 devices are being added (3 domes and 3 pull cords). The team agreed that a system upgrade did not seem appropriate for such minimal scope.
  - o Budget. Upgrading the system with the budget of the project's scope was thought to be excessive.

Searches were conducted to confirm that compatible components are available. While we understand that any one vendor may not stock these components in large quantities, we found that sufficient supply is available through multiple vendors.

VA requests proposal be included in RFP response for a voluntary alternate to a replace the system with a new system.

- 5) Amendment 1B was issued yesterday regarding the above reference solicitation; the amendment has revised several drawings, unfortunately there are three drawings that are missing from the attachments. **Answer:** Acknowledged. Sheet A001, Sheet A001A and Sheet A002 issued as part of this Amendment.
- 6) There are multiple references in the Siemens drawings indicating that certain tasks are the responsibility of the "Customer/Contractor". Some items are covered in the Architectural drawings and some are not. For bidding purposes, please define which requirements are by the Contractor and which are by the VA/others. **Answer:** Per the General conditions the documents are to be bid as a whole. If there is a conflict the item of greater value must be bid. In general, Customer/Contractor on Siemens drawings refers to the General Contractor of the customer (VA). Per the General conditions the

documents are to be bid as a whole. If there is a conflict the item of greater value must be bid.

- 7) Siemens A101- "The control counter must be designed, supplied and installed by customer/contractor." There is not new control counter shown in the Architecturals. Is there an existing counter that is being re-used? **Answer:** Existing counter is to be reused.
- 8) Siemens A101- "It is the responsibility of the customer/contractor to provide a means of mounting the PC tower off of finished floor..." Is there a detail in the architectural drawings for the support structure? **Answer:** VA will provide trolley for the PC tower, if required.
- 9) Siemens A101- Under Casework and Accessory Notes, Item 2 states "The sound system and intercom between the examination and control rooms are to be located, furnished and installed by customer/contractor." Who is responsible for installing this system, the contractor or the VA? If the contractor is to provide and install it, please provide a plan and specification. **Answer:** Siemens supplies the intercom; the required infrastructure is listed on the drawing documentation. The General Contractor is responsible for the infrastructure, Siemens installs the intercom.
- 10) Siemens A101- Base Frame Notes states that the base frames weighs 800 lbs. Is this a single piece? What are the dimensions including packaging? **Answer:** The base frame is delivered in 2 major pieces, base frame & floor pan for table. This is delivered approx 30 days before main system delivery. In addition to the base frame, the PC power conditioner, Item #7, cooling transfer station, Item #8 is delivered. The Contractor is responsible to locate the material in the vault. Siemens mechanical vendor will coordinate the installation of the base frame, the contractor will pour concrete fill under Siemens supervision around the base frame and pan frame. Items #7 & #8 are installed by customer/contractor prior to the delivery of the main linac system. Total pre-kit shipment, 6 pieces ~ 1350 lbs.
- 11) Base Frames Notes states to floor pan weighs 500 lbs. Is this a single piece? What are the dimensions including packaging? **Answer:** See answer to previous question
- 12) Siemens A102- "The customer/contractor shall be responsible for fabricating, supplying and installing all light, mechanical and structural supporting systems." Does this statement refer to only the lighting and mechanical systems specifically indicated in the Architectural drawings? **Answer:** This is in reference to any listed Siemens supplied items that require infrastructure support, ceiling pendent arm, wall mounted displays, etc. The devices are supplied Siemens, the infrastructure support is supplied and installed by Contractor
- 13) Siemens A102- Is the Contractor supposed to be providing some structural support for Siemens equipment? **Answer:** No unless indicated. Any Siemens supplied item that requires infrastructure support is listed on the mechanical, structural, & electrical pages and is to be furnished and installed by Contractor.

- 14) Siemens A102- Will the Architect be issuing a structural drawing at some point in the future? **Answer:** No.
- 15) Siemens S101- Monitor Wall Framing states: "The monitor wall framing is to be supplied and installed by the customer/contractor." Is this by the VA or the General Contractor? What specifically is required for the wall framing? **Answer:** General Contractor, details are indicated on S101 & S501, all items required further details have block notes as indicated
- 16) Siemens S101- In-Room Monitor states: "Manufacture and installation of the wall plate is the responsibility of the customer/contractor." Is this by the VA or the General Contractor? Can you provide a section view of the plate if required to be provided by the General Contractor? **Answer:** General Contractor, the details are indicated in blocks #1 & #2 of S101
- 17) Siemens S501- Overhead Suspension Detail states: "Ceiling support structure for Siemens mounting plate to be designed, detailed and specified by structural engineer of record. To be supplied and installed by customer/contractor." Will the Architect be providing a drawing for the ceiling support structure? **Answer:** Use existing, relocation may be required pending field verification. S-501 block 3 indicates details.
- 18) Siemens S501- Structural Notes, Item 1 states: "The customer/contractor shall furnish and install all structural support members and needed hardware for the installation of Siemens equipment." Will the Architect provide a drawing showing specific requirements for all required structural support and hardware? **Answer:** Use existing, relocation may be required pending field verification. The details are indicated on each item and the reference detailed block
- 19) Siemens S501- Structural Notes, Item 5 states: "The customer/contractor is responsible for all frames installed by him to be water level and anchored properly." Under Contractors Responsibilities there is a note stating: "Siemens is responsible for aligning and securing the universal base frame in the pit." Does Siemens secure/anchor it to the floor or does the Contractor secure/anchor it? What are the specific requirements for the anchors? **Answer:** Reference general structural responsibility notes, as indicated in the details, S501, "structural notes", base frame notes", "contractor responsibilities".
- 20) Siemens S501- Is there an installation guide or any other specific requirements for installation of the base frame? **Answer:** As indicated in Block #1 pg S-501, indicated details of installation. Siemens coordinates the installation of the base frame and pan frame as indicated in "structural notes", base frame notes", contractor responsibilities".
- 21) Siemens S501- Contractors Responsibilities, Item 5 states: "The contractor is responsible for installing the overhead suspension mounting plate for the ceiling mounted control arm." Are there any specific requirements for installing the mounting

plate? **Answer:** Use existing, relocation may be required pending field verification. S-501 block 3 indicates details.

- 22) Siemens S501- Are fasteners provided by Siemens or the Contractor? **Answer:** Structural support is provided by customer contractor, including fasteners
- 23) Siemens S501- What type of fastener is required **Answer:** Structural support is provided by customer contractor, including fasteners
- 24) Siemens S501- Will a miscellaneous steel specification be issued? **Answer:** No not required.
- 25) Siemens M501- This page states: “Chiller to be remotely located by customer/contractor.” The Architectural drawings page MP101, Note 4 states “Install Siemens provided chiller adjacent to existing chiller.....” What are the dimensions of the new chiller? **Answer:** Attached are chiller cut sheet details
- 26) Siemens M501- What is the weight of the chiller? **Answer:** Attached are chiller cut sheet details
- 27) Siemens M501- Will the chiller require a concrete pad? If so, please provide a concrete specification. **Answer:** Yes, provide concrete base for support of equipment. Anchor and dowel concrete bases and structural systems to resist forces under operating without excessive displacement or structural failure. Do not locate or install bases and supports until equipment mounted thereon has been approved. Size bases to match equipment mounted thereon plus 50 mm (2 inch) excess on all edges. Bases shall be neatly finished and smoothed, shall have chamfered edges at the top, and shall be suitable for painting.
- 28) Siemens M501- Access to this area is limited, is it Siemens responsibility to transport and set the chiller in the noted location or is it the Contractors responsibility? **Answer:** Refer to Keynote 4 on MP101.
- 29) What area will be provided to the contractor for dumpsters? **Answer:** Existing construction dumpsters located off the Building 111 loading dock (B-Wing) shall be used. They are VA provided. Asbestos abatement debris removal and dumpsters are responsibility of the General Contractor.
- 30) What are the acceptable locations to access Bldg 111 ductwork to make connections for negative air machines for each phase? **Answer:** Acceptable locations shall be determined during infection control submittal/review process. Connections can be made to any outside air returns. Negative air machines ductwork connections shall not exceed 400ft during any phase.

- 31) There is a specification section 018111 Sustainable Design Requirements that is in the spec book but not referenced in the Table of Contents. Is this specification section applicable to this project? **Answer:** No
- 32) The Architectural plan page A005 appears to be mislabeled A004. **Answer:** Correct. Updated label with Amendment 1B.
- 33) The Architectural plan page EP102 appears to be mislabeled as EP101. **Answer:** Correct. Updated with Amendment 1B.
- 34) The specifications 010000 General Requirements, page 6, Item G:Phasing states “Phase IV: Waiting Room (including Storage) and Passage to Linear Accelerator rooms. Patient Ready Monday-Friday 6:00AM-8:00 PM. Phase V: Ancillary space corridor, including Toilet B0421A, Exam Rooms 4 and 5 and Passage to Nurses/CRA rooms.” The Architectural drawings show Phase IV to be Ancillary space corridor, including Toilet B0421A, Exam Rooms 4 and 5 and Passage to Nurses/CRA rooms and Phase V to be Waiting Room (including Storage) and Passage to Linear Accelerator rooms. Which is the correct summary of the phases? **Answer:** Phases in drawings are correct. Patient Ready Requirement apply to individual spaces.
- 35) The same paragraph referenced above uses the term “Patient Ready”. Does this mean that during construction, the area under construction needs to be restored on a daily basis to be made available for Patient Use? **Answer:** Yes
- 36) Is the “Patient Ready” requirements suspended during Asbestos Abatement activities? **Answer:** No
- 37) Knowing that the overall construction of these areas will take more than three days, what type of construction barrier and Ante Room would be required that complies with specification section 000110 Construction Barriers and 010110 Infection Control, but can be removed and re-installed daily? **Answer:** Specification requirements must be met, how these are met is up to contractor and approved by VA during submittal process.
- 38) What type of temporary lighting is required to allow patient access? **Answer:** Contractor shall provide cut sheets on temporary lighting. Lighting must meet minimum safety requirements for patient egress.
- 39) What type of temporary floor finish is required to allow patient access? **Answer:** Floor demolition must be in sections within allocated timeframes.
- 40) What type of temporary ceiling treatment is required to allow patient access? **Answer:** Plastic sheeting, if required but for not more than a 3 day period. Ceiling should be completed during off hours and weekends as noted in the drawings.

- 41) Specification section 019100 General Commissioning Requirements, page 16, paragraph 1.12A states: “The Preliminary Commissioning Plan is included as an Appendix to this specification section.” There is no Appendix in this section. Please provide this document. **Answer:** A Commissioning Plan will be issued by the Commissioning Agent at a later date. All major mechanical, electrical, and plumbing systems shall be considered part of a commissioning process. Commissioning will include verification of proper operation and operator training, when applicable.
- 42) Specification section 028211 Traditional Asbestos Abatement, paragraph 1.1.2.B provides a summary of quantities but there are no drawings or a report indicating where Asbestos exists. Is there a drawing that shows the full scope of the Asbestos Abatement work and the locations of the removals? We need to know this so we understand how many separate containments will be needed. **Answer:** The asbestos inspection report, “Limited Pre-Renovation Asbestos Inspection Report: Linear Accelerator Site Prep, VA Project #695-10-131, VA Medical Center, Building 111, 5000 W. National Avenue, Milwaukee, Wisconsin”, prepared by Sigma Environmental Services, Inc. is included as Reference Section 028211-A. The report provides figures illustrating room numbers and tables indicating quantities of identified asbestos-containing materials.
- 43) Specification section 028211 Traditional Asbestos Abatement, paragraph 2.1.7 requires an auxiliary generator to be provided in the event of a power failure. Will the VA provide a connection to the building emergency power in lieu of a generator? **Answer:** The final design calls for the area to be fed by a combination of emergency and normal power, as shown on EP101. It is acceptable to use building emergency power
- 44) Specification section 028213.13 Glovebag Asbestos Abatement, paragraph 1.1.5B references a project in Madison. **Answer:** should read Milwaukee. See updated specification included as part of the amendment.
- 45) Specification section 062000 Finish Carpentry, paragraph 1.2 references specification section 055000 Metal Fabrications. Specification section 055000 Metal Fabrications does not exist. **Answer:** Sections referenced not required.
- 46) Specification section 062000 Finish Carpentry, paragraph 2.7, subparagraph B, Item 2, Cabinet locks, are lock cores to be provided by the Contractor? If so, what type of core is required? **Answer:** See updated specification 062000 included as part of this amendment.
- 47) Specification section 081400 Interior Wood Doors, paragraph 1.2 references specification section 090600 Schedule for finishes. Specification section 090600

Schedule for Finishes does not exist although there is a schedule on the drawing it is not labeled as 090600. **Answer:** Addressed in Amendment 1

- 48) The specifications include a section 092300 Gypsum Plastering. The Architectural plans do not indicate where plaster is used. Where is plaster required? **Answer:** if not in drawings not required
- 49) There is a specification section 102123 Cubicle Curtain Tracks, but there is no indication on the plans as to where they are installed. Where are cubicle curtain tracks required? **Answer:** if not in drawings not required
- 50) There is a specification section 102600 Wall and Door Protection and various specific catalog number listed on the finish schedule. Where are these products used? **Answer:** See Room Finish Note #2
- 51) There is a specification section 104413 Fire Extinguisher Cabinets. Where are these products used? **Answer:** One cabinet located in Passage C0B11 west of door B0421A. Provide 6" metal stud behind cabinet to accommodate recess.
- 52) There is a stainless steel countertop needed at the reception area. The stainless steel material is not referenced in specification section 123600 Countertops. Will a separate specification be issued for the Stainless Steel? **Answer:** Stainless steel countertops specifications are included in Section 062000
- 53) Architectural plan page A001, Floor Plan General Note E indicates that the Contractor shall install VA provided items. Please identify quantities and locations of items to be installed. **Answer:** Within the contract limits contractor to provide installation for the following VA provided accessories. All other accessories contractor provided. At all sinks: Paper towel dispenser, Soap dispenser. In toilet rooms: Paper towel dispenser, Soap dispenser, Toilet tissue dispenser, Exam & Linear Accelerator Room/Rooms: Paper towel dispenser, Soap dispenser, Sharps Container, hand sanitizer.
- 54) Please provide a plan for flooring. **Answer:** Single floor finishes are called out for all rooms except Waiting Room B0401. In Waiting Room B0401 provide SV-1 field with 2' wide accent band set off one foot from room perimeter.
- 55) The finish schedule on Architectural drawings page A002 lists #605 Ceramaguard as a 2' x 2' unperforated. Ceramaguard #605 is a 2'x 4' product and is not available in a 2' x 2' option. **Answer:** Provide 2'x4'
- 56) The sole source justification indicates that only LCN automatic operators may be used. However, the hardware schedule on the Architectural drawings page A002 references "Magic Force". Magic Force is a Stanley product. Are Stanley automatic operators acceptable? **Answer:** No. Sole source required

- 57) The specifications show that cast iron waste piping is required. Is PVC waste and vent piping acceptable? **Answer:** PVC is acceptable.
- 58) The Architectural drawings page P101 note #14 states indicates a quantity of medical gas piping to be relocated. Please provide locations and any other additional information to enable accurate pricing. **Answer:** No additional information or locations are available at this time, must be field verified.
- 59) The Architectural drawings page MP101 indicates that the chiller sits approximately 155' away from the transfer station (as the crow flies) and 190' as piped on the plan. Per Siemens drawings page M-101, Plumbing Schematic, Note 2 indicates that the maximum length shall be 148'. **Answer:** Siemens approved, via email, 170 feet of piping one way with a maximum number of elbows of 20. They recommended the pipe sizing be increased to accommodate the increased distance. It appears they did not update their drawings to reflect the approved length or change in piping size recommendation. It would be prudent to confirm this response with Siemens, though we have written correspondence of their approval.
- 60) Siemens drawings page M-101, Plumbing Schematic, Note 10 states: Initial glycol fill will be completed by MIV during the startup process." Who is the MIV? **Answer:** MIV is in reference to Siemens mechanical contractor, all pre-start requirements of the responsibility of the General Contractor, the items listed as Siemens or Siemens MIV are the responsibility of Siemens.
- 61) Siemens drawings page M-101, Plumbing Schematic, who is responsible to make connections from the glycol system to the transfer station? **Answer:** The customer/contractor is responsible for connection of the chiller to the transfer station, Siemens is responsible for connection of the Artiste linac system to the transfer station, block 2 pg M101 & "contractor responsibilities" on M101.
- 62) Siemens drawings, page M-101, Contractors Responsibilities, Note 1 specifies 1.25" pipe to be used to pipe the chiller. The Architectural drawings, page MP-101 Note 5, indicate 2". **Answer:** Siemens approved, via email, 170 feet of piping one way with a maximum number of elbows of 20. They recommended the pipe sizing be increased to accommodate the increased distance. It appears they did not update their drawings to reflect the approved length or change in piping size recommendation. It would be prudent to confirm this response with Siemens, though we have written correspondence of their approval.
- 63) The Architectural drawings page MH-101, Note 3 indicate that there is lead lined ductwork to be removed. Is there a specification for Lead Abatement? **Answer:** Lead Abatement Specification included as part of this amendment

- 64) The Architectural drawings page MH-101, Note 3/4 indicate that ductwork is to be removed. Is there a detail indicating how the remaining opening in the floor should be patched? **Answer:** No, there is not a detail. The patching shall match original construction, fire rating and, finish.
- 65) Siemens is listed on the Sole Source items as being the provider of the “Oncor Linear Accelerator Installation” and is listed as a subcontractor to the Electrical contractor per Architectural plans page EP-101. Who is the contact person at Siemens that is responsible for providing pricing? **Answer:** Mike Palmer, Area Service Manager, Siemens Healthcare, Siemens Medical Solutions USA, Inc., Tel.: (262) 742-3545, Fax: (262) 742-3563, Mobile: (262) 853-7158, Email:michael.palmer@siemens.com. Reference quote 1-456O4Q for previously prepared estimates to VA.
- 66) Are the existing fixtures in rooms B0413 and B0415 being replaced and if so with what type of fixture is going in its place? (The sinks in these two rooms show up darker in the new work and demo plans compared to the existing sinks. Lack of any kind of notation on the drawings clarifying their future.) **Answer:** They are not being replaced.
- 67) Which document should the Division 270000 contractor follow, VA69D-12-B-0815-007 Specifications.PDF or VA69D-12-B-0815-008 Specifications Checklist.PDF ? They conflict one another in some areas. **Answer:** Follow Specifications. Checklist is for A/E use not supposed to be part of Bid Documents.
- 68) Room schedule finish on A002 indicates use of existing flooring in B0417 however this will not be possible with baseframe installation work. **Answer:** Replace finish schedule for B0417 schedule to include the following, updated drawing to following in CB after award. Replace existing floor with VCT-1, Walls (North, South, East, West) PA-3, Ceiling SUSP, Type AC-2. Add General Note to Room Finish Schedule: To provide for “patch to match conditions”, for bidding purposes provide 100 sq. ft. of VCT-1, 100 sq. ft. of AC-1 and ceiling grid, 100 sq.ft. PA-1.
- 69) A question came up as I opened up the plans for this project. The drawings are stamped 95% Submittal - Not for Construction – Fully Sprinkled. Are we using the drawing as is for the bid or will new drawings be issued?/ **Answer:** This was addressed with drawings issued with Amendment 1B
- 70) There are a couple of symbols on the fire alarm layout that need further explanation. I don't see a symbol A7 with a square around it on the symbol list. I would guess it's a speaker/strobe wall mount. The 7 may refer to 75 candela for the strobe portion of the device. These show up on the demo and new print. If these are speaker/strobes wall mount, the candela rating specified exceeds the required rating of 15 for a hallway. Other speaker/strobes shown as A7 with a circle (ceiling mounted speaker/strobe) exceed the required rating of 15 candela. Are these the correct settings? **Answer:** Bid should include items specified on drawing. Symbol was clarified with Amendment 1B. Specification 28 31 00 indicates requirements for devices.