

## **674-CSI-152 SPEC-CT SITE PREP SOW**

### **Scope of Work**

The following Scope of Work defines the extended installation necessary to facilitate the installation of a Siemens Medical Solutions Intevo Excel located in Room 1A-173 at VA Temple Medical Center.

Work Summary: Retrofit of the existing GE Infinia Nuclear Medicine room to accommodate a new Siemens Symbia Intevo Excel.

### **Division 0: Special Sections**

1. Architectural and Engineering Design
  - 1.1. Architectural, structural, M.E.P. engineering fees are included
  - 1.2. Provide up to three (3) design modifications to meet customer approval.
  - 1.3. Maintain “as-built” field drawings depicting red lined field changes.
  - 1.4. Provide three (3) sets of final extended installation (non-bid) documents.
2. Preliminary Design and Construction Duration
  - 2.1. Design: 6 weeks
  - 2.2. Drawing Approval: 2 weeks (estimated)
  - 2.3. Construction: 12 weeks

### **Division 1: General Requirements**

1. The summary of work includes all general trade work, mechanical work, and project management needed for the renovation of the medical equipment suite.
2. Provide full time superintendent.
3. Provide general liability insurance.
4. Provide transportation, handling, storage and protection for all contractor provided materials and equipment.
5. All work is to be performed in one phase during normal working hours from 7:00 a.m. to 4:00 p.m. Off-hours work is included for noise abatement and utility shutdowns only. Weekend work or overtime is excluded.
6. Any item(s) to be salvaged by the owner are to be removed by the owner from the site before work begins.
7. The owner is to provide clear, unrestricted access from the loading dock to the work site for contractor material deliveries.
8. Owner is to provide parking spaces for extended installation workers.
9. The use of owner’s facilities and utilities shall be permitted during work.
10. Provide for daily broom cleaning of the job site and debris removal and appropriate disposal.
11. Provide dumpsters for disposal of work site debris and materials.
12. Final cleaning is included. Final clinical cleaning / waxing of floors is excluded.
13. Infectious control standards shall comply with owner’s standards.
14. Comply with utility interruption policies.
15. Comply with orientation and clearance programs.

**Division 1: General Requirements (continued)**

16. Comply with OSHA requirements.
17. Maintain an up to date copy of construction documents with redlined as-built conditions.
18. Payment and performance bonds are excluded.
19. Close out documents will be presented at project completion upon receipt of owner signed substantial completion form.
20. All warranty claims for the Project will be directed to the contractor awarded the work for the Project. Siemens offers no specific warranties for work performed other than specific warranties agreed to by the contractor and subcontractors who perform the work, and warranties with respect to the Medical Equipment manufactured by Siemens. Siemens agrees to provide the Client with names and telephone number of contact person for all such claims. Standard manufacture warranty is one year on workmanship and materials.

**Division 2: Site Work**

1. Perform removal of existing sheetrock walls up to 7'0" AFF to accommodate new lead lined sheetrock within the Scan Room (1A-173).
2. Perform removal of existing sheet vinyl flooring within the Scan Room (1A-173).
3. Perform removal of the existing sink within the Scan Room (1A-173).

**Division 3: Concrete**

1. Provide labor for coring of the concrete slab as required to accommodate the electrical scope of work.
2. Provide labor and material for leveling of the existing floor per Siemens' floor levelness specifications.

**Division 4: Masonry**            NA**Division 5: Metals**

1. Provide materials and labor for structural reinforcement, as required, of the floor in Room 1A-173.
2. Seismic anchoring is excluded.
3. Structural metals other than those specifically stated in this proposal are excluded.
4. Work associated with modification or relocation the existing unistrut/lift system located in the ceiling is excluded from this proposal.
5. Provide material and labor for work associated with the installation of structural steel reinforcement at new leaded walls as required.

**Division 6: Wood and Plastics**

1. Provide labor and materials for the installation of the following millwork items:
  - 1.1. 10'0" x 30" deep Cambria solid surface countertop within the new control room with associated supports
  - 1.2. 4'0" wide plastic laminate cabinet with a 4'0" Cambria solid surface countertop within the scan room as requested by Tim Holley.

**Division 6: Wood and Plastics (continued)**

2. Modifications to existing (if any) or additional millwork are excluded.

**Division 7: Thermal and Moisture Protection** NA**Division 8: Doors, Frames, Hardware and Windows**

1. Provide labor and material for the installation of one new 3'0"x7'0" hollow metal door frame, with a plastic laminate door and all associated hardware.
2. Provide labor and material for the installation of continuous hinges and hardware for the two new 1/8" lead lined doors.

**Division 9: Finishes**

1. Provide labor and material for the installation of new walls at the new Control Room.
2. Provide labor and material for taping, bedding and painting of new walls and sheetrock.
3. Provide labor and material for installation of new seamless Noraplan Environcare rubber flooring with flash cove base (as requested by the facility).
4. Provide labor and material for floor prep and leveling per Siemens system requirements.
5. Ceiling work within the scan room 1A-173 is excluded from this proposal.
6. Provide labor and material for reworking of the existing ceiling to accommodate the new control room.
7. Wall coverings are excluded.

**Division 10: Specialties**

1. Provide labor and material for installation of new walls at the new Control Room.

**Division 11: Equipment** NA**Division 12: Furnishings** NA**Division 13: Special Construction**

1. Provide labor and material for installation of new 1/8" lead lined sheetrock up to 7'0" within the Scan Room and the outside of the new control room (new control room located in 1A-175).
2. Provide labor and material for installation of two (2) 1/8" lead lined 4'0"x7'0" hollow metal door frames and plastic laminate finished doors.
3. Provide labor and material for installation of two (2) 1/8" lead lined 4'0"x4'0" hollow metal frames and lead equivalency glass.
4. This proposal is based on the understanding that remaining existing doors, door frames, walls or viewing window(s) currently have adequate radiation protection. Radiation shielding to the existing flooring and the ceiling of Room 1A-173 are excluded.
5. Physicist testing, analysis or report is excluded. The owner should complete a Physicist report to ensure the existing radiation protection is adequate.
6. Additional lead shielding is excluded.

**Division 14: Conveying Systems**

NA

**Division 21: Fire Suppression**

1. Provide labor and material for reworking of the existing fire sprinkler system to accommodate the new control room.

**Division 22: Plumbing**

1. Provide labor and material for relocation of the existing med gas wall outlet (Oxygen & Vacuum) within the Scan Room (1A-173) to accommodate the new Control Room Window.
2. Proposal incorporates one (1) 6030 third party certification [per NFPA 99] for new piped medical gas systems and one (1) 6030 third party certification [per NFPA 99] for demo and temporary capping of affected source medical gas as mandated per NFPA 99, Chapter 5 when piped medical gas systems are breached.
3. Proposal assumes existing oxygen and vacuum zone valve is in satisfactory condition and operational for required shut down of affected piped medical gases and connection of new piped medical gases serving renovated rooms.

**Division 23: Heat, Ventilating, and Air Conditioning**

1. Utilize the existing HVAC “as-is” as per the VA instructions.
2. Modifications, additions, servicing, repairs or warranty of existing HVAC systems except for those specifically stated in this proposal are excluded.
3. Work associated with existing energy management controls (if any) is excluded.
4. Provide HVAC testing and balancing in renovated spaces.

**Division 26: Electrical**

1. Perform demolition of existing electrical as needed for the new equipment and floor plan.
2. Provide labor and material for reconfiguration of existing EPO buttons and “in use” light controls.
3. Furnish and install one (1) 100amp, 480v, three phase circuit breaker in existing electrical panel
4. Furnish and install one (1) 100amp, three phase four wire and full size ground feeder to SPECT room.
5. Furnish and install one (1) 100amp, 480v, three phase four wire surface mounted electrical panel “MP”.
6. Furnish and install one (1) 80 amp, 480v, three phase shunt trip breaker in panel “MP”
7. Furnish and install one (1) 25amp, 480v, three phase breaker in panel “MP” to energized 5kva transformer in SPECT room.
8. Furnish and install four (4) 20amp, 120v duplex outlets in new control room.
9. Furnish and install four (4) data boxes and stub ups within the new control room.
10. Furnish and install four (4) data boxes and stub ups within the new control room.
11. Furnish and install one (1) lot of conduit, and junction boxes as per Siemens’ typical system drawings.

**Division 26: Electrical (continued)**

12. Furnish and install one (1) lot of surface mounted ductwork per the Siemens typical system drawings.
13. Additional dedicated circuits and outlets not shown on the plans are excluded.
14. An in-depth analysis of the quality, capacity or availability of existing building power and grounding, is excluded. Refer to Add Alternate #1 on page 1 and the Schedule of Values.
15. Existing building power or grounding upgrade is excluded.
16. The remaining existing lighting, switching, dimming, convenience outlets, etc. are deemed to be adequate and will be left in their present location and current condition.
17. Work associated with installing power conditioning or surge suppression equipment is excluded.
18. Additional dedicated circuits and outlets not shown on the plans are excluded.
19. Existing building power or grounding upgrade is excluded.
20. The remaining existing lighting, switching, dimming, convenience outlets, etc. are deemed to be adequate and will be left in their present location and current condition.

**Division 27: Communications**

1. Provide labor and material for the relocation of the existing nurse call station to accommodate the new control room Window.
2. Work associated with network, telephone, intercom, code blue, PA or CCTV systems is excluded.

**Division 28: Electronic Safety and Security**

1. Provide labor and material for the relocation of the existing fire alarm to accommodate the new control room.

**Division 31: Earthwork** NA

**Division 32: Exterior Improvements** NA

**Division 33: Utilities** NA

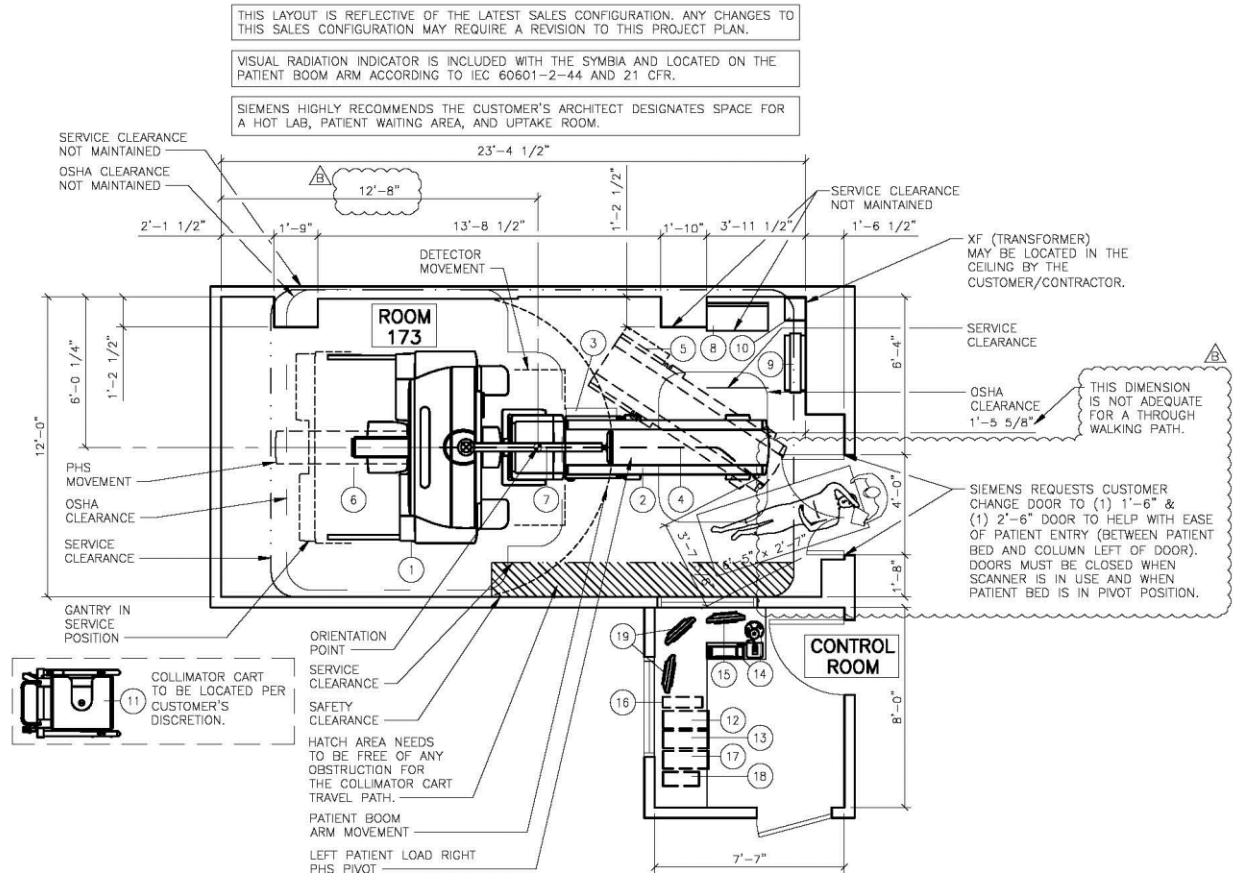
**Division 34: Transportation** NA

**Exclusions:**

The following items are specifically excluded from our Proposal:

1. Work in an environment where there is possible contamination by the presence, removal, or encapsulation of hazardous material(s).
2. Mold, asbestos or hazardous material survey(s), removal or abatement of any kind.
3. Work associated with the removal or relocation of concealed or hidden installations and/or any effects to the project schedule.
4. Upgrades associated with ADA or code requirements (if any) outside this work area are excluded.
5. Any other item(s) not specifically mentioned or otherwise included in this Proposal.

## Siemens Preliminary Drawing



*Drawing extract taken from Siemens preliminary drawing # 1603580, dated September 27, 2016.*