

SCOPE OF WORK

1. PROJECT DATA:

TITLE: Halls and Walls FY-13 Perry Point

PROJECT No: 512-13-305

FACILITY: Perry Point VA Campus

COTR: Matt Hargrove, Facilities & Engineering (ext. 5342)

CONSTRUCTION

DURATION: One year after Receipt of Notice to Proceed.

2. GENERAL SCOPE: The Contractor shall provide all supervision, labor, materials and equipment to perform repair of interior finishes, windows, flooring and, heating systems which will include:

- Demolition/patching/construction of drywall, including temporary partitions
- Demolition/patching/installation of concrete
- Installation of corner and crash guards
- Removal and replacement of cove base
- Preparation for and installation of fluid-applied quartz broadcast epoxy flooring
- Asbestos abatement of floor tile and mastic
- Demolition and reinstallation of aluminum storefront assemblies
- Demolition and reinstallation of steam convectors and associated piping
- Removal and replacement of motion activated doors

3. GENERAL CONDITIONS AND DEFINITIONS:

A. VAMHCS: Veterans Affairs Maryland Health Care System.

B. VA: Veterans Affairs.

C. CO: V.A. employee of the VA Contracting Service officially assigned to act as Contract Officer in the behalf Veterans Health Administration. The services performed are that of general supervision, direction, control and approval of the contract.

D. COTR: Contracting Officers Technical Representative. V.A. employee of VAMC Facilities and Engineering Service officially assigned to act as Project Manager and Inspector on behalf of VAMC and Contracting Officer. COTR shall be “First Point of Contact” on all matters concerning contract work for subject project.

E. ICRA: Infection Control Risk Assessment. An ICRA form must be filled out and signed by Infection Control personnel prior to any work—coordinate with COTR.

F. ILSM: Interim Life Safety Measures: Any series of Operational Actions taken to temporarily reduce Hazards posed by Life Safety deficiencies which have been created by demolition, renovation, or construction works, and which are to remain in place and in effect for duration of Contract work.

G. NFPA – NFC: National Fire Protection Association – National Fire Codes.

H. NEC: National Electrical Code, NFPA – NFC Standard 70.

I. PROVIDE: Whenever used throughout Scope of Work, term “Provide” is to be understood to mean -Purchase newly manufactured; Furnish delivered to VAMC work site in protective containers; Secure from tampering or theft; and Install in accordance with Contract Scope of Work, Drawings, Specifications, and Manufacturer’s Instructions all required items of administrative submittals, labor, demolition, construction, equipment items, and installation works for entirety of Contract.

1. Provide daily on-site project management to coordinate all building trades and provide liaison for construction and VA Project Engineering. General Foreman will be designated and be on-site at all times with authority to act on behalf of the Contracting firm.
2. Follow all Infection Control Risk Assessment (ICRA) guidelines for dust control during all construction work. A construction dust “Risk Assessment” will be conducted by the Medical Center’s Infection Control Nurse. Temporary “dust” barriers may be installed based on this assessment. Bi-weekly inspections of barriers and work areas will be conducted by Infection Control Nurse, Safety Manager, and COTR to enforce implementation of risk assessment.
3. Follow Interim Life Safety Measures. Any series of Operational Actions taken to temporarily reduce hazards posed by Life Safety deficiencies which have been created by demolition, renovation, or construction works, and which are to remain in place and in effect for duration of Contract work. Provide interim life safety measures (ILSM) where fire protection, fire suppression or smoke/fire partitions will be shutdown or rendered ineffective during construction. Coordinate with VA safety office through VA COTR. ILSM must be posted outside work area at all times.
4. All equipment and materials shall be approved through submittal prior to being brought on job site.
5. Daily logs are required the following date of each day worked.
6. When using special keys for access to roof, mechanical and electrical areas, doors must be kept closed and locked while in such spaces.
7. Contractor must obtain a burn permit from VA Safety Office prior to any welding, soldering work and burning.
8. All employees of general contractor and subcontractors shall comply with VA security management program and obtain permission of the VA police, be identified by project and employer, and restricted from unauthorized access. VA issued ID Badges shall be worn by all workers.
9. The work is in a professional environment, employees must conduct themselves

accordingly. Employees shall not use abusive language, carry firearms, or bring alcoholic beverages on site. Employee's dress code shall consist of normal work uniform. Shirts must be worn at all times.

10. Contractor shall provide general clean up to construction area daily to the satisfaction of the COTR.
11. Hospital smoking policy (NO SMOKING IN THE BUILDING), smoking must be done in approved smoke shelters or at least 35 feet from any building. No smoking within 50 feet of any fuel tank.
12. OSHA and VA CONSTRUCTION SAFETY STANDARDS will be enforced.
Contractor superintendent must have 30 hour OSHA Construction Safety course.

4. DETAILED REQUIREMENTS:

Furnish all supervision, labor, materials (except as noted), and equipment necessary to perform repair of interior finishes, mechanical heating systems, and windows as required in the Perry Point VA Medical Center Facilities.

- See General Requirements specification 01 00 00 for information regarding site access and other work requirements unique to the VA.
- Reference scope of work section 5, project specifications, and drawings for specific locations and quantities of work involved.

5. DETAILED EXTENT OF WORK:

Following is the locations and extent of work in those specific locations. When the word "remove" is used, contractor shall take possession of the item in question and dispose of according to all applicable laws and regulations. Following work in an area contractor shall remove all debris related to construction and restore area to at least that prior to work.

Bldg 315- Boiler Plant

- Reference drawing A-5
 - Remove 180 SF of asbestos tile, and all associated mastic.
 - Remove and replace 80 LF of 6" vinyl cove base
 - Install 3265 SF of fluid-applied quartz broadcast epoxy flooring. Follow all manufacturer recommendations for surface preparation and curing. Provide color samples for color selection in project submittal phase.
 - Prior to installation of flooring remove 5 (five) 4 inch thick concrete equipment pads totaling 65 SF, repair 20 LF of cracked floor, and 250 sf of spalled concrete.
 - Provide weather-tight 40 ft sea container for duration of construction activities. To be used by VA for building occupant equipment storage. (this area only)

Connecting Corridors

- Reference drawings A-1, A-2 and, A-3
 - Replacement of Motion Activated Double Doors

- Remove and replace 4 (four) motion activated double doors in locations indicated on drawing A-1, measuring 96" W x 91" T. Field verify measurements prior to ordering. Include all hardware required for operation and installation.
 - Each replaced door should have the following features:
 - Wide stile
 - Center pivot
 - 1/4" laminated safety glass
 - Hardware set SH-10A
 - Full weather stripping
 - Pedestrian safety sensors
 - Bi-directional motion activated operation
 - Clear anodized finish
 - Install new 1/4" saddle threshold for each door
 - Include all electrical and other necessary work to complete installation.
-
- Replacement of Doors and Door Frames
 - Remove rusted metal door frames, with locations shown on drawing A-1.
 - Replace 2 (two) 8' wide door frames with 14 gauge galvanized open frame.
 - Replace 1 (one) 3' 8" W X 6' 8" T solid wood door with hollow metal door, with location shown on drawing A-1. Prime and paint brown. Use hardware set HW #6.
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- Flooring
 - Remove and abate 13600 SF of asbestos floor tile and all associated mastic according to phasing plan A-2.
 - Remove and abate 3600 LF of 6" vinyl cove base and all associated mastic in conjunction with flooring abatement.
 - Install 13600 SF of fluid-applied quartz broadcast epoxy flooring. Follow all manufacturer recommendations for surface preparation and curing. Provide color samples for color selection in project submittal phase.
 - All work related to the flooring in the connecting corridors must be completed in SCRICT compliance with phasing schedule.

Aluminum Storefront at Bldg 314B

- Reference drawing 314B-5A

- Remove and replace aluminum storefront, vestibule and all associated glass according to elevation plan 314B-5A, with new single stile 4" framed aluminum storefront assembly.
- Window glazing and black window caulk is presumed asbestos. Remove and abate.
- Include installation of any and all anchor points to existing structural steel as part of the new storefront assembly.
- Remove and replace 4 (four) aluminum double doors and all associated hardware. Hardware includes panic bars, hinges, closers, and locks. Hardware number 8D.
- Match aluminum finish specified for storefront.
- A small concrete patch must be completed on the slab prior to installation of new storefront. Less than 5 C.F. of standard strength concrete.
- The work area must be fully partitioned and secure from the building interior and exterior. The building interior must be protected from weather and secure from entry through worksite after working hours.
- Following storefront installation provide complete interior and exterior cleaning of glass.

Hot Water Piping 314B Crawl Space

On all drawings, work items are highlighted "orange". Use in conjunction with specifications and scope of work.

- Remove and replace all hot water convectors in like kind according to drawings and specifications.
- Patch any holes following installation of new convectors.
- Work on this item shall be coordinated with the 314B storefront replacement as well as new flooring installation.
- Remove and replace copper hot water piping, valves and insulation in crawl space under 314B corridor; match existing size; in accordance with Drawing 1-314 and specifications.
- Provide new galvanized pipe saddles, clevis hangers and/ or trapeze hangers on sections of replaced pipe.
- Seal all openings/penetrations with fire stop compound.
- Note: The soil in the crawl space is presumed to be asbestos contaminated. Contractor shall coordinate all access to the crawl space with VA COTR and Safety Officer. All workers entering the space shall be required to wear appropriate PPE (Personal Protective Equipment) as approved by VA Safety Officer.

Hot Water Piping 314C Corridor

- Remove and replace hot water piping, valves and insulation above the acoustical ceiling in the 314C corridor in accordance with Drawing 314C-H1R and specifications. Match existing sizes.

- Piping replacement shall include branch runs to the convectors in Rooms C104 & C103, Men's and Women's Bathrooms.
- Provide new galvanized pipe saddles, clevis hangers and/ or trapeze hangers on sections of replaced pipe.
- Seal all openings/penetrations with fire stop compound.
- Any damage to wall paint shall be repaired as part of this work.

Hot Water Convectors and Piping: 314B, 314C and Connecting Corridor

- In addition to the above mentioned items include the following for which detailed drawings are not available:
 - Provide all labor and materials need to produce equipment submittals, "As Built" drawings, testing and balancing services necessary for the replacement of approximately 25 (twenty-five) 5 ft long existing hot water fin tube convectors, heating water piping, and accessories within:
 - Main corridors buildings 314A, 314B, and 314C
 - Corridor to building 9H
 - Connecting service tunnel to the Eighth Street entrance.
 - Include the demolition and installation of fin tube convectors of similar size and heating capacity, convector covers to match style and size, piping, valves, piping insulation and controls.
 - Include installation of new piping accessories such as controls (valves, wiring, and thermostats), balancing valves, air vents, vibration isolation, piping hangers, insulation, and dielectric connections as needed for a complete and operable hydronic heating system.
 - Heating Water and Heating Water Return piping shall be replaced from the most remote units back to the Service Room in the lower level of building 314B.

Bldg 26 - Fire House

- Reference drawing A-6
 - Install one vinyl transition piece at each door threshold affected by the installation of new epoxy floor.
 - Install 4420 SF of epoxy flooring according to drawings and specifications.
 - Include 8 (eight) 40 ft long by 4" wide integral epoxy lines according to drawing.
 - Remove 2 (two) integral slab angle guards and replace with new 3" x 3" x 5/16" galvanized steel angle guard. Each guard measures 10 ft long.
 - This work item will require minor concrete demolition and replacement.

Wall Protection

- Provide materials and labor necessary to remove/install or install wall, door frame, and corner protection as noted in drawings WP-1 through WP-10, A-1, and specifications.
 - Removal and installation of stainless steel corner guards.

- Installation of stainless steel wall guards, including all inside radiuses, outside .radiuses, and end pieces from building 17H to building 25H. Install wall guards 9" to center of rail above finished floor. Use drawings A-1, WP-1, WP-2, WP-7, and WP-8.
- Walls in Bldg 25H and Bldg 24H basements are glazed tile block. All other wall surfaces in Bldgs 13H, 14H, 23H and 25H are gypsum. Wall surfaces in the corridor system connecting buildings are masonry brick, concrete, and CMU.
- Installation of custom formed vinyl door frame guards, cut to 6 ft height, 0.040 in thick or greater. Match color of door frame as closely as possible, include new door silencers. Inpro Corp or equivalent manufacturer.
- Installation of resilient vinyl sheet wall protection. Installed behind each patient bed per manufacturer specifications, cut to 4 ft square sheets. Provide an additional 5% unused excess, per color for VA use at the end of the project. The guards will be installed for 148 beds shared by buildings 14H, 23H, and 25H.
- All buildings will remain occupied for all wall protection installation. Work times in patient rooms specifically should be minimized to avoid occupant disturbance.

Bid Deduct #1 - Building 82H

- Remove carpet, padding and/or glue mastic in lobby and in corridors on first floor and second floor, replace with vinyl plank flooring; specifically Amtico Maple W684. Approximately 2400 sq. ft. Flooring installation shall be completed on evening or weekend hours.
- Paint first floor lobby, walls and ceilings. Approximately 2500 sq. ft.
- Paint main stairway (including handrails) from first floor lobby to second floor lobby. Approximately 2000 sq. ft. painted surfaces.
- Paint second floor lobby, approximately 1500 sq. ft. painted area.

6. SUBMITTAL REQUIREMENTS:

Provide submittals as indicated in the "Schedule of Contractor's Submittals" listed at the end of this section.

Furnish to the Contracting Officer, for approval, four (4) prints of all shop drawings, product data, material safety data sheets, and catalogue cuts, of all equipment and materials furnished or used under this contract, before purchase, manufacturer or construction. No work can proceed without approved submittals. The Contracting Officer and Contracting Officer Technical Representative will examine these submittals and one copy will be returned to the Contractor for correction, if necessary. CO or COTR may require additional submittals for different items not mentioned in this scope of work.

Itemized below is a list of materials requiring drawings, certifications, manufacturer's literature, data brochures, Material Safety Data Sheets, technical data, and samples. These materials as noted shall be submitted to the Contracting Officer by the Contractor for approval using the appropriate form approved by the Contracting Officer.

All submittals, except warranties and operating instructions, as noted below, shall be submitted not later than 21 days after receipt of the Notice to Proceed or as specified by the Contracting Officer.

The Contracting Officer shall return the submittals approved or disapproved within 7 business days after receipt, by VA Form 08-6225. If submittals cannot be made within 7 days after Notice to proceed or as specified by the Contracting Officer, the Contracting Officer shall be advised of the difficulty and an extension of time requested.

Warranties and operating instructions are required prior to the completion of the Contract work. Three copies of all warranties and operating manuals shall be provided unless otherwise specified.

Schedule of Contractor's Submitted Information and Submittals:

Company name, address, phone: List of all subcontractors, project superintendent, all work site employees	Employee name, Company name, trade address, phone. (all employees that will be on site of make site visits MUST get security background check and ID Badge)
Finishes (Paint colors, wall coverings, floor & wall tiles, handrails, sealants, etc.)	Samples
Utility Outage Request	Request with at least 72 hours notice and written approval obtained.

7. SAFETY PRECAUTIONS:

A. The Contractor shall comply with all applicable Federal, State and local legal requirements regarding workers health and safety. The requirements include but are not limited to, those found in Federal and State Occupational Safety and Health Act (OSHA and MOSHA) statutes and regulations, such as applicable provisions of Title 29, Code of Federal Regulations (CFR) Parts 1910 and 1926. Contractor is solely responsible for determining the legal requirements that apply to activities, and shall ensure safe and healthful working conditions for its employees.

B. Contractor shall assume the responsibility to guard against causing of fires and/or explosions and to protect Government Property, reference NFPA 241 and 29 CFR 1926.

C. The Contractor shall perform the work in a manner consistent with the area security and fire safety regulations especially with regard to exits and exit way access. Utility shutdowns shall not compromise security, communication or fire safety for occupants.

D. No flammable liquids shall be stored or used in the medical center.

E. The necessary number and appropriate types of portable fire extinguishers are required per National Fire Protection Association (NFPA) 10 and NFPA 241.

F. The Contractor shall request, from the COTR a permit for all cutting, welding, and soldering. All permits shall be prominently displayed during all construction.

G. All necessary precautions shall be taken by the contractor to prevent accidental activation of any existing smoke detectors or sprinkler heads.

8. HAZARDOUS MATERIAL REPORTING:

A. The Contractor shall maintain hazardous material inventories and material safety data sheets (MSDS) for all hazardous materials (as defined in CFR 1910.120, 40 CFR's 355, 370, & 372) to be stored and used on this Medical Center. Hazardous materials must be inventoried when received and at the project's completion. The amounts used shall be maintained for the project duration.

B. Hazardous Materials Inventories, Material Safety Data Sheets and material quantities used shall be submitted to the Contracting Officer for approval and copies furnished to the Contracting Officers Technical Representative.

C. In the event of a spill, Contractor shall immediately notify the Contracting Officer's Technical Representative as well as the Contracting Officer. The Contractor shall be solely responsible for the expense of any cleanup and / or damage resulting of such spill, and the cleanup shall be in accordance with the applicable provisions of 40 CFR Part 761.

9. ENVIRONMENTAL PROTECTION:

In order to provide for abatement and control of all environmentally hazardous materials arising from demolition and/or construction activities, the Contractor shall comply with all applicable environmentally hazardous material control and abatement and all applicable provisions of the Corps of Engineers' Manual EM 385-1-1, "General Safety Requirements" as well as the specific requirements stated elsewhere in the Contract Documents.

10. INTERIM LIFE SAFETY MEASURES:

A series of operational actions taken to temporarily reduce the hazard posed by life safety deficiencies created during and until completion of construction.

11. APPLICABLE SPECIFICATIONS:

Specifications applicable to this project listed below.

**DEPARTMENT OF VETERANS AFFAIRS
VHA MASTER SPECIFICATIONS**

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