

**SECTION 01 00 00**  
**GENERAL REQUIREMENTS**  
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## **SECTION 01 00 00 GENERAL REQUIREMENTS**

### **1.1 GENERAL INTENTION**

- A. Contractor shall furnish all labor, supervision, equipment, and materials needed to paint the exterior of Buildings 1, 3, 5, 7, and 210 at the San Francisco VA Medical Center of 4150 Clement Street, San Francisco, California 94121. Work shall include repair of all the cracks and missing pieces on the exterior surfaces of these buildings such as concrete spalls and cracks, terra cotta cracks, loose areas, and missing areas, plaster cracks, stucco cracks, and rusted shell angles, areas of organic growth replenish the failed sealants, etc; as they are being encountered during the performance of the surface prep work. See attached Statement of Work for additional details and instructions.

This project is to take no longer than 360 calendar days from receiving the Notice to Proceed (NTP) from VA Contracting Officer.

- B. The details of the pre-bid conference are listed on the first page of the Invitation for Bid (IFB).
- C. NA.
- D. NA.
- E. All employees of general contractor and subcontractors shall comply with VA's security program and obtain a VA ID badge from VA police. See paragraph 1.35 below for ID badge process. Along with ID Badges all workers must be able to speak and understand English during construction. Construction areas as defined by the contract documents will be keyed to a construction core when Notice to Proceed is issued. Access to non-construction areas is limited to public areas only. Access needed outside of construction area (i.e., mechanical rooms) will be provided by COR upon written or verbal request.
- F. Prior to commencing work, general contractor shall provide proof that a OSHA certified "competent person" (CP) (29 CFR 1926.20(b)(2)) will maintain a presence at the work site whenever the general or subcontractors are present.
- G. Training:
1. Beginning July 31, 2005, all employees of general contractor or subcontractors shall have the 10-hour OSHA certified Construction Safety course and /or other relevant competency training, as determined by the COR.
  2. In addition to the 10-hours OSHA training, VA will provide site-specific training as determined by VA Competent Person with input from the VA's Infection Control Risk Assessment team. Coordination of this required training will be accomplished through the COR. This briefing shall include information on the construction limits, VAMC safety guidelines, means of egress, break areas, work hours, locations of restrooms, use of VAMC equipment, etc. All contractors, subcontractors, and vendors must receive this training in order to work at our facility. Failure to receive this training may cause debarment of contractor's staff until such training is accomplished.

3. Submit all applicable training records of employees for approval before the start of work.

H. Pre-Construction handout Dated August 2012

1. The contractor shall utilize this pre-construction packet as an orientation package to the SF VAMC facilities procedures and requirements for construction. This packet shall be reviewed by the contractor and utilized as tool to inform and educate their employees and their sub-contractors to the required procedures to be followed at the facility.

**1.2 STATEMENT OF BID ITEM(S)**

Not Applicable.

**1.3 SPECIFICATIONS AND DRAWINGS FOR CONTRACTOR**

- A. NA.
- B. Requests for additional sets of drawings can be made by the Contractor at their own expense.

**1.4 CONSTRUCTION SECURITY REQUIREMENTS**

- A. Security Plan:
  1. The security plan defines both physical and administrative security procedures that will remain effective for the entire duration of the project.
  2. The General Contractor is responsible for assuring that all sub-contractors working on the project and their employees also comply with these regulations.
- B. Security Procedures:
  1. General Contractor's employees shall not enter the project site without appropriate badge. They may also be subject to inspection of their personal effects when entering or leaving the project site.
  2. For working outside the "regular hours" as defined in the contract, The General Contractor shall give 3 days advance notice to the Contracting Officer so that security arrangements can be provided for the employees. This notice is separate from any notices required for utility shutdown described later in this section.
  3. No photography of VA premises is allowed without written permission of the Contracting Officer.
  4. VA reserves the right to close down or shut down the project site or/and order General Contractor's employees off the premises in the event of a national emergency. The General Contractor may return to the site only with the written approval of the Contracting Officer.
- C. Guards:
  1. NA

D. Key Control:

1. The General Contractor shall provide duplicate keys and lock combinations to the COR for the purpose of security inspections of every area of project including tool boxes and parked machines and take any emergency action.

E. NA

F. Document Control:

1. All paper waste or electronic media such as CD's and diskettes shall be shredded and destroyed in a manner acceptable to the VA.

G. Motor Vehicle Restrictions

1. Vehicle authorization request shall be required for any vehicle entering the site and such request shall be submitted 24 hours before the date and time of access. Access shall be restricted to picking up and dropping off materials and supplies.
2. Separate permits shall be issued for General Contractor and its employees for parking in designated areas only.

## 1.5 FIRE SAFETY

A. Applicable Publications: Publications listed below form part of this Article to extent referenced. Publications are referenced in text by basic designations only.

1. American Society for Testing and Materials (ASTM):

E84-2008..... Surface Burning Characteristics of Building Materials

2. National Fire Protection Association (NFPA):

10-2006 ..... Standard for Portable Fire Extinguishers

30-2007 ..... Flammable and Combustible Liquids Code

51B-2003..... Standard for Fire Prevention During Welding, Cutting and Other Hot Work

70-2007 ..... National Electrical Code

241-2004 ..... Standard for Safeguarding Construction, Alteration, and Demolition Operations

3. Occupational Safety and Health Administration (OSHA):

29 CFR 1926 ..... Safety and Health Regulations for Construction

B. Not Applicable.

C. Site and Building Access: Maintain free and unobstructed access to facility emergency services and for fire, police and other emergency response forces in accordance with NFPA 241.

- D. Separate temporary facilities, such as trailers, storage sheds, and dumpsters, from existing buildings and new construction by distances in accordance with NFPA 241. For small facilities with less than 6 m (20 feet) exposing overall length, separate by 3m (10 feet).
- E. Temporary Construction Partitions:  
NA
- F. Any temporary heating and electrical installations that contractor uses on SFVA sites must be installed, used and maintained in accordance with 29 CFR 1926, NFPA 241 and NFPA 70.
- G. Means of Egress: Do not block exiting for occupied buildings, including paths from exits to roads. Minimize disruptions and coordinate with .
- H. Egress Routes for Construction Workers: Maintain free and unobstructed egress.
- I. Fire Extinguishers: Provide and maintain extinguishers in construction areas and temporary storage areas in accordance with 29 CFR 1926, NFPA 241 and NFPA 10.
- J. Flammable and Combustible Liquids: Store, dispense and use liquids in accordance with 29 CFR 1926, NFPA 241 and NFPA 30.
- M. Existing Fire Protection: Not Applicable.
- N. Smoke Detectors: Not applicable.
- O. Hot Work: Perform and safeguard hot work operations in accordance with NFPA 241 and NFPA 51B. Coordinate with the COR to obtain permits from facility Safety at least 24 hours in advance. Designate contractor's responsible project-site fire prevention program manager to permit hot work.
- P. Fire Hazard Prevention and Safety Inspections: Inspect entire construction areas weekly. Coordinate and report findings and corrective actions weekly to the COR.
- Q. Smoking: Smoking is prohibited in and adjacent to construction areas inside existing buildings and additions under construction. In separate and detached buildings under construction, smoking is prohibited except in designated smoking rest areas.
- R. Dispose of waste and debris in accordance with NFPA 241. Remove from buildings daily.
- S. Perform other construction, alteration and demolition operations in accordance with 29 CFR 1926.
- T. Not Applicable.
- U. NA.
- V. Temporary Electrical: Contractors are not allowed to use power supplied VA unless approved by the COR. If approved, use and installations shall be in accordance with 29 CFR 1926, NFPA 241 and NFPA 70. At no time will VA approve temporary power connection from a critical electrical circuit.

## 1.6 OPERATIONS AND STORAGE AREAS

- A. The Contractor shall confine all operations on Government premises to areas authorized or approved by the COR; and shall hold and save the Government, its officers and agents, free and harmless from liability of any nature occasioned by the Contractor's performance.

*For this project only the area on both sides of the concrete staircase entering Building 1 from its east entrance can be used for temporary staging to perform the work and it will be subject to termination by the COR. When permitted to use this area, contractor must limit the size of this staging area to no more than 8 feet from the base of Building 1 and the staircase. The area shall be chain link fenced in with green vinyl inserts to shield the area from view. Contractor shall properly protect the lawn with tarp cover to minimize damage, and at the end of the project restore the lawn to its original condition including reinstallation of new lawn in all areas where the original lawn is damaged to beyond restoration.*

- B. Contractor may place one dumpster on SFVA site only on an as needed basis during the demolition stage of the project for two weeks maximum. The contractor shall not stage a dumpster for the duration of the project at any time unless specifically approved by the COR. Such approval will straightly be limited only to unusual situations that will absolutely require a dumpster on site to handle the work. In all times the Contractor shall confine all operations (including storage of materials) on Government premises in areas authorized or approved by the COR. The Contractor shall hold and save the Government, its officers and agents, free and harmless from liability of any nature occasioned by the Contractor's performance.

- C. Contractor for this project will not be allowed any trailer, storage, or laydown space on SFVA site. Only with the approval from the COR can any temporary building (e.g., storage shed, shop, office) and utilities be erected by the Contractor; and they shall be built with labor and materials furnished by the Contractor without expense to the Government. The temporary buildings and utilities shall remain the property of the Contractor and shall be removed by the Contractor at its own expense upon completion of the work.

*In addition, any contractor who currently has trailers or offices or conex boxes or dumpsters on SF VAMC property serving other on-going projects will not be allowed to retain them on site to serve any of their new projects. As soon as those on-going projects are completed, they will have to be immediately removed from SFVA site; and the rules listed here will then apply immediately to the new project.*

- D. The Contractor shall, as directed by the COR, use only established roadways, or use temporary roadways constructed by the Contractor when and as authorized by the Contracting Officer. When materials are transported in prosecuting the work, vehicles shall not be loaded beyond the loading capacity recommended by the manufacturer of the vehicle or prescribed by any Federal, State, or local law or regulation. When it is necessary to cross curbs or sidewalks, the Contractor shall protect them from damage. The Contractor shall repair or pay for the repair of any damaged curbs, sidewalks, or roads.
- E. Workmen are subject to rules of Medical Center applicable to their conduct. Execute work in such a manner as to interfere as little as possible with work being done by others.

Keep roads clear of construction materials, debris, standing construction equipment and vehicles at all times.

- F. Execute work so as to interfere as little as possible with normal functioning of Medical Center as a whole, including operations of utility services, fire protection systems and any existing equipment, and with work being done by others. Use of equipment and tools that transmit vibrations and noises through the building structure, are not permitted in buildings that are occupied, during construction, jointly by patients or medical personnel, and Contractor's personnel, except as permitted by the COR where required by limited working space.
  - 1. Do not store materials and equipment in other than assigned areas.
  - 2. Schedule delivery of materials and equipment to immediate construction working areas within buildings in use by Department of Veterans Affairs in quantities sufficient for not more than four work days. Provide unobstructed access to Medical Center areas required to remain in operation.
  - 3. Where access by Medical Center personnel to vacated portions of buildings is not required, storage of Contractor's materials and equipment will be permitted subject to fire and safety requirements.
- G. Construction Safety Rounds: VA will perform Construction Safety Rounds weekly. Contractor superintendent or Contractor's Competent Person will be present during these safety inspections. COR will identify the date and time of these weekly inspections.
- H. Not Applicable:
- I. The contractor shall take all measures and provide all material necessary for protecting existing equipment and property in affected areas of construction against dust and debris, so that equipment and affected areas to be used in the Medical Centers operations will not be hindered. Contractor shall permit access to VA personnel and patients through other construction areas which serve as routes of access to such affected areas and equipment. Coordinate alteration work in areas occupied by Department of Veterans Affairs so that Medical Center operations will continue during the construction period.
- J. Construction Fence: Before construction operations begin, Contractor shall provide a chain link construction fence, 2.1m (seven feet) minimum height, around the construction area indicated on the drawings. Provide gates as required for access with necessary hardware, including hasps and padlocks. Fasten fence fabric to terminal posts with tension bands and to line posts and top and bottom rails with tie wires spaced at maximum 375mm (15 inches). Bottom of fences shall extend to 25mm (one inch) above grade. Remove the fence when directed by COR.
- K. Not Applicable
- L. Utilities Services: Maintain existing utility services for the Medical Center at all times. Do not interrupt any existing utilities without agreement by the COR.
- M. Not Applicable.



- N. To minimize interference of construction activities with flow of Medical Center traffic, comply with the following:
1. Keep roads, walks and entrances to grounds, to parking and to occupied areas of buildings clear of construction materials, debris and standing construction equipment and vehicles. Wherever excavation for new utility lines cross existing roads, at least one lane must be open to traffic at all times.
  2. Method and scheduling of required cutting, altering and removal of existing roads, walks and entrances must be approved by the COR.
- O. Coordinate the work for this contract with other construction operations as directed by COR. This includes the scheduling of traffic and the use of roadways, as specified in Article, USE OF ROADWAYS.
- P. CONTRACT WORK HOURS and FEDERAL HOLIDAYS:

Standard daily contract work hours at the San Francisco VA Medical Center (SFVAMC) are from 7:30 AM to 7:00 PM, Pacific Standard Time (PST), Monday through Friday, with the exception of Federal Holidays. The contractor shall submit to the Contracting Officer (CO) for approval, in writing, a notice of its desire to work during any period/hours other than the standard. Notice shall include a detailed description of the type of work to be performed and its location. These "non-standard" hours are referred to as "WHEN Hours" (Weekend-Holiday-Evening-Night).

Notice to request work during WHEN hours shall be submitted no less than three (3) working days prior to each period of work scheduled at times other than normal duty hours to include Federal holidays. Contractors are reminded that patients are generally asleep after 10:00 PM EST. Therefore, approval is subject to the availability of the project manager/, the type of work to be performed, the specific hours requested, and the anticipated noise level that will be generated by contractor activity. Under no circumstance will the contractor proceed without express written approval of the Contracting Officer. When weekend work is approved by the Contracting Officer, work shall be limited to 8 am to 6 pm construction period weekends, any time out side of that window will be considered evening or night work and will require its own approval.

1. Work Phasing/Scheduling: Contractor shall work closely with the COR in developing a work schedule for contract performance. Simultaneous or transitional work on/between multiple facilities may be required. Advance coordination by the contractor is critical and required. **Note**, Concurrent work performance is allowed on all line items for this project.
2. The work to be performed on this project will affect occupied buildings. Arrangements may be made so that the particular area may be blocked off during performance of work if feasible. The contractor shall notify the COR of intent to start work in any specific assigned area. The contractor shall coordinate the work of all activities whereby both the Government and the contractor can continue operations with the least possible interference and inconvenience.
3. The contractor is required to have a minimum of crews for work covered by this contract, and provide additional crew(s) as the work justifies. Each crew shall be capable of operating simultaneously and independently of the other crew(s).

4. The following is a list of Federal Holidays observed by all Federal Installations:

New Year's Day, January 1  
Martin Luther King, Jr, 3rd Monday in January  
Washington's Birthday, 3rd Monday in February  
Memorial Day, Last Monday in May  
Independence Day, July 4  
Labor Day, 1st Monday in September  
Columbus Day, 2nd Monday in September  
Veterans Day, November 11  
Thanksgiving Day, 4th Thursday in November  
Christmas Day, December 25

NOTE: Any of the above holidays falling on a Saturday will be observed on the preceding Friday; holidays falling on a Sunday will be observed on the following Monday. Also included is any date specifically declared by the President of the United States of America as a National Holiday.

5. No deliveries of construction equipment, materials, HVAC equipment, dumpsters (or pick up of dumpsters), cranes, concrete trucks, etc. before 7:30 am on the weekdays and 8 am on the weekends. Exception will be for oversize loads that require delivery before a certain time due to permitting conditions, and shall require a minimum of 3-day's notice to the COR prior to arrival at SF VAMC. No contractor vehicles, delivery vehicle, cranes, concrete trucks, hauling trucks, etc will be staged within 500 yards of the SF VAMC prior to driving onto SF VAMC grounds.

## **1.7 ALTERATIONS**

- A. Survey: Before any work is started, the Contractor shall make a thorough survey with the COR, of areas of to document the existing condition of the areas of anticipated lay down, staging, and routes of access to perform the contracted work, and furnish a report, signed by both, to the Contracting Officer.
- B. Not Applicable.
- C. Re-Survey: Thirty days before expected partial or final inspection date, the Contractor and COR together shall make a thorough re-survey of the areas of lay down, staging, and routes of access used by the contractor when performing the contracted work, and produce a re-survey report listing any damage caused by Contractor to these areas. This re-survey report will form the basis for determining extent of repair work required of Contractor to restore damage caused by Contractor's workmen in executing work of this contract.
- D. Protection: Provide the following protective measures:
  - 1. Not Applicable.
  - 2. Temporary protection against damage for portions of existing structures and grounds where work is to be done, materials handled and equipment moved and/or relocated.

3. NA.

E. Construction Barriers:

1. Barrier must be erected as a complete and continuous system.

F. Final Cleanup:

1. Upon completion of project, or as work progresses, remove all construction debris from site.

G. Not Applicable

**1.8 INFECTION PREVENTION MEASURES**

D. In general, following preventive measures shall be adopted during construction to keep down dust and prevent mold.

1. Dampen debris to keep down dust and provide temporary construction partitions in existing structures where directed by COR. Seal ducts and diffusers to prevent circulation of dust into occupied areas during construction.
2.
  - a. Not applicable.
  - b. Not Applicable.
  - c. Not Applicable.
  - d. Not Applicable.
  - e. The contractor shall not haul debris through patient-care areas without prior approval of the COR and the Medical Center. When, approved, debris shall be hauled in enclosed dust proof containers or wrapped in plastic and sealed with duct tape. No sharp objects should be allowed to cut through the plastic. Wipe down the exterior of the containers with a damp rag to remove dust. All equipment, tools, material, etc. transported through occupied areas shall be made free from dust and moisture by vacuuming and wipe down.
  - f. Not Applicable.
  - g. There shall be no standing water during construction. This includes water in equipment drip pans and open containers within the construction areas. All accidental spills must be cleaned up and dried within 12 hours. Remove and dispose of porous materials that remain damp for more than 72 hours.
  - h. Not Applicable.

E. Final Cleanup:

1. Upon completion of project, or as work progresses, remove all construction debris from above ceiling, vertical shafts and utility chases that have been part of the construction.

## **1.9 DISPOSAL AND RETENTION**

- A. Materials and equipment accruing from work removed and from demolition of buildings or structures, or parts thereof, shall be disposed of as follows:

## **1.10 PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS**

- A. The Contractor shall preserve and protect all structures, equipment, and vegetation (such as trees, shrubs, and grass) on or adjacent to the work site, which are not specified to be removed and which do not unreasonably interfere with the work required under this contract. The Contractor shall only remove trees when specifically authorized to do so, and shall avoid damaging vegetation that will remain in place. If any limbs or branches of trees are broken during contract performance, or by the careless operation of equipment, or by workmen, the Contractor shall trim those limbs or branches with a clean cut and paint the cut with a tree-pruning compound as directed by the COR.
- B. The Contractor shall protect from damage all existing improvements and utilities at or near the work site and on adjacent property of a third party, the locations of which are made known to or should be known by the Contractor. The Contractor shall repair any damage to those facilities, including those that are the property of a third party, resulting from failure to comply with the requirements of this contract or failure to exercise reasonable care in performing the work. If the Contractor fails or refuses to repair the damage promptly, the may have the necessary work performed and charge the cost to the Contractor.
- C. For additional requirements on protecting vegetation, soils and the environment, refer to Articles, "Alterations", "Restoration", and "Operations and Storage Areas" for additional instructions concerning repair of damage to structures and site improvements.

## **1.11 RESTORATION**

- C. At Contractor's own expense, Contractor shall immediately restore to service and repair any damage caused by Contractor's workmen to existing piping and conduits, wires, cables, etc., of utility services or of fire protection systems and communications systems (including telephone) which are indicated on drawings and which are not scheduled for discontinuance or abandonment.

## **1.12 PHYSICAL DATA**

- A. Data and information furnished or referred to below is for the Contractor's information. The indications of physical conditions on the drawings and in the specifications are the result of site investigations by the VA. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor.

## **1.13 PROFESSIONAL SURVEYING SERVICES**

Not Applicable.

## **1.14 LAYOUT OF WORK**

Not Applicable.

## **1.15 AS-BUILT DRAWINGS**

NA

### **1.16 USE OF ROADWAYS**

- A. For hauling, use only established public roads and roads on the Medical Center property and, when authorized by the COR, such temporary roads which are necessary in the performance of contract work. Temporary roads shall be constructed by the Contractor at Contractor's expense. When necessary to cross curbing, sidewalks, or similar construction, they must be protected by well-constructed bridges.
- B. When new permanent roads are to be a part of this contract, Contractor may construct them immediately for use to facilitate building operations. These roads may be used by all who have business thereon within zone of building operations.
- C. When certain buildings (or parts of certain buildings) are required to be completed in advance of general date of completion, all roads leading thereto must be completed and available for use at time set for completion of such buildings or parts thereof.

### **1.17 PRECONSTRUCTION RISK ASSESSMENT**

For every construction project, the Contractor and the COR are required to perform a Pre-Construction Risk Assessment (PCRA). The contractor must submit the PCRA within 15 days from issuance of the Notice to Proceed

### **1.18 TEMPORARY USE OF MECHANICAL AND ELECTRICAL EQUIPMENT**

- A. Use of new installed mechanical and electrical equipment to provide heat, ventilation, plumbing, light and power will be permitted subject to compliance with the following provisions:
  - 1. Permission to use each unit or system must be given by the COR. If the equipment is not installed and maintained in accordance with the following provisions, the COR will withdraw permission for use of the equipment.

### **1.19 TEMPORARY USE OF EXISTING ELEVATORS**

Except as authorized by the COR, contractor will not be allowed the use of existing VA elevators. Outside type hoist shall be used by contractor for transporting materials and equipment. Use of existing VA elevators for handling building materials and contractor's personnel will be permitted subject to following provisions:

- 1. Contractor makes all arrangements with the COR for use of VA elevators. .
- 2. Contractor will be required to provide maximum protection of all elevator components such as but not limited to entrance jambs, heads soffits and threshold plates, entrance columns, canopy, return panels and inside surfaces of car enclosure walls, finish flooring.
- 3. If brake lining of elevators are excessively worn or damaged during temporary use, they shall be removed and replaced immediately with new brake lining at the Contractor's expense.
- 5. All parts of main controller, starter, relay panel, selector, etc., worn or damaged during temporary use shall be removed and replaced with new parts, if recommended by elevator inspector after elevator is released by contractor.

## **1.20 TEMPORARY USE OF NEW ELEVATORS**

Not Applicable.

## **1.21 TEMPORARY TOILETS**

- A. Provide where directed, (for use of all Contractor's workmen) ample temporary sanitary toilet accommodations with suitable sewer and water connections; or, when approved by , provide suitable dry closets where directed. Keep such places clean and free from flies, and all connections and appliances connected therewith are to be removed prior to completion of contract, and premises left perfectly clean.
- B. Contractor may have for use of Contractor's workmen, such toilet accommodations as may be assigned to Contractor by the Medical Center or the COR. Contractor shall keep such places clean and be responsible for any damage done thereto by Contractor's workmen. Failure to maintain satisfactory condition in toilets will deprive Contractor of the privilege to use such toilets.

## **1.22 AVAILABILITY AND USE OF UTILITY SERVICES**

- A. The Government shall make all reasonably required amounts of utilities available to the Contractor from existing outlets and supplies, as specified in the contract. The amount to be paid by the Contractor for chargeable electrical services shall be the prevailing rates charged to the Government. The Contractor shall carefully conserve any utilities furnished without charge.
- B. The Contractor, at Contractor's expense and in a workmanlike manner satisfactory to the Contracting Officer, shall install and maintain all necessary temporary connections and distribution lines, and all meters required to measure the amount of electricity used for the purpose of determining charges. Before final acceptance of the work by the Government, the Contractor shall remove all the temporary connections, distribution lines, meters, and associated paraphernalia.
- C. Contractor shall install meters at Contractor's expense and furnish the Medical Center a monthly record of the Contractor's usage of electricity as hereinafter specified.
- D. Heat: Furnish temporary heat necessary to prevent injury to work and materials through dampness and cold. Use of open salamanders or any temporary heating devices which may be fire hazards or may smoke and damage finished work, will not be permitted. Maintain minimum temperatures as specified for various materials:
- E. Electricity (for Construction and Testing): Furnish all temporary electric services.  
  
Contractor can obtain electricity by connecting to the Medical Center electrical distribution system. The Contractor shall meter and pay for electricity required for electric cranes and hoisting devices, electrical welding devices and any electrical heating devices providing temporary heat. Electricity for all other uses is available at no cost to the Contractor.
- F. Water (for Construction and Testing): Furnish temporary water service.
  - 1. Water is available at no cost to the Contractor. Obtain water by connecting to the Medical Center water distribution system. Provide reduced pressure backflow preventer at each connection.

2. Maintain connections, pipe, fittings and fixtures and conserve water-use so none is wasted. Failure to stop leakage or other wastes will be cause for revocation (at 's discretion) of use of water from Medical Center's system.

#### **1.23 NEW TELEPHONE EQUIPMENT**

NA.

#### **1.24 TESTS**

Not Applicable.

#### **1.25 INSTRUCTIONS**

- A. Contractor shall furnish Maintenance and Operating manuals associated with the product to be installed under this contract.

#### **1.26 GOVERNMENT-FURNISHED PROPERTY**

Not Applicable

#### **1.27 RELOCATED EQUIPMENT OR ITEMS**

Not Applicable.

#### **1.28 STORAGE SPACE FOR DEPARTMENT OF VETERANS AFFAIRS EQUIPMENT**

Not Applicable.

#### **1.31 CONSTRUCTION DIGITAL IMAGES**

Not Applicable

#### **1.32 FINAL ELEVATION DIGITAL IMAGES**

NOT APPLICABLE

#### **1.33 HISTORIC PRESERVATION**

Where the Contractor or any of the Contractor's employees, prior to, or during the construction work, are advised of or discover any possible archeological, historical and/or cultural resources, the Contractor shall immediately notify the COR verbally, and then with a written follow up.

#### **1.34 PARKING**

There will be no parking space on site available to the contractor for staging, container, debris box, or any contractor motor vehicle used for personal or business or construction. Specifically, vehicle parking is not allowed on any part of SFVA site, during the day or overnight, unless specifically permitted by the VA.

#### **1.35 I.D. BADGES**

All workers are required to obtain a time-limited I. D. badge from the VA Police Service located on the ground floor of Building 203. This badge must be worn at all times when workers are on site.

#### **1.36 RADIOLOGY AND BIO SAFETY**

NA.

### **1.37 CONSTRUCTION SCHEDULE**

- A. The Contractor shall develop a Construction Schedule demonstrating fulfillment of contract requirements, shall keep the schedule up-to-date as required in this Article, and shall utilize the schedule for coordinating and monitoring work under the Contract (including activities of subcontractors, vendors, and suppliers). The schedule shall be prepared in the format of a Gantt or Bar Chart, utilizing Microsoft Project or similar computer application, subject to approval by the COR.
- B. Within 30 calendar days after receipt of Notice to Proceed, the Contractor shall submit 3 copies of his/her proposed Construction Schedule for review by the COR. COR will provide comments or approval within 10 calendar days of receipt of the proposed Construction Schedule, and schedule a meeting as needed with the Contractor to review and resolve any conflict of the proposed schedule. Within 14 calendar days after the return of the proposed schedule or the review meeting, the Contractor shall revise and re-submit three copies of the schedule to the COR.
- C. The Construction Schedule shall show construction activities in sufficient detail to monitor work progress, to support application and certificates for payment, and to coordinate submittal review, inspection, and other activities of the COR. Activities shall be identified by trade and nature of task, and shall show durations for the activity from allowable early-start and late-start to early-finish and late-finish, with graphic distinctions between these durations made by color or pattern.
- D. The Contractor shall update the Construction Schedule on a monthly basis, and shall submit an updated schedule with each payment request. Monthly job progress meetings shall be held on dates mutually agreed to by the Contracting Officer, or his representative, and the Contractor.
- E. Contractor shall install and post the construction signs at the entrance to the construction area. Sign shall include the Contractor name, telephone number.

### **1.38 Daily Logs**

Contractor shall maintain a daily construction logs with the following data as a minimum:

- A. All Permits and Daily Construction check list
- B. Workers present and work taking place during day at project.
- C. Egress Routes for Construction Workers should be inspected daily. Report findings and corrective actions weekly to the COR.

### **1.39 TB Testing Requirements**

- A. The contractor shall be responsible for providing written documentation that all of his employees and subcontractor employees that will be working within the identified areas of the Medical Center have a PPD tuberculin skin test (TST Testing) for the purpose of Tuberculosis screening within the last 12 months prior to starting work at the San Francisco VA Medical Center. The contractor shall insure that those individuals keep current annual test results throughout the duration of the project. The contractor is responsible to insure these documents are kept current and are readily available for review upon request. The Contractor shall provide this written document to the Contracting officer (CO) or Contracting Officer's Representative (COR) naming their



employees or subcontractor employees, the date they were tested and the PPD Skin Test results. Documentation of where the test was performed is also required. If the employee has never had a PPD Skin Test then a two-step skin test or an FDA approved Quantiferon blood test is required.

- B. If the employee or the subcontractor employee test results are positive or their PPD Skin Test has been found to be positive in the past, the contractor is required to also state in writing if the employee was treated for latent Tuberculosis with INH. If the employee is a new PPD Skin Test Converter, a Chest X-Ray is required with proper documented results. The areas at the San Francisco VAMC that require these documented tests and results as part of the contract are:

**Buildings 1 (Ground Floor only)**  
**Buildings 8**  
**Building 200**  
**Building 203**  
**Building 208.**

#### 1.40 Construction and Demolition Debris Management

This project requires compliance with the City of San Francisco's Ordinance # 27-06 for managing construction and demolition debris, where at least 65% can be reused/recycled and diverted away from the landfill. Compliance with this City Ordinance can be accomplished through using a registered transporter and registered facility for managing the construction/demolition debris. For more information, check out the following websites listed below:

**Link to General website:**

**[http://www.sfenvironment.org/our\\_programs/interests.html?ssi=3&ti=5&ii=125](http://www.sfenvironment.org/our_programs/interests.html?ssi=3&ti=5&ii=125)**

**The link to the City Ordinance:**

**<http://www.sfenvironment.org/downloads/library/ondemolitionordinancefinal.pdf>**

**Link to "registered transporter":**

**[http://www.sfenvironment.org/downloads/library/cd\\_registered\\_transporters\\_102008.pdf](http://www.sfenvironment.org/downloads/library/cd_registered_transporters_102008.pdf)**

**Link to "registered facility":**

**<http://www.sfenvironment.org/downloads/library/registeredfacilities052108.pdf>**

#### 1.41 SEASONAL INFLUENZA VACCINATION

Seasonal influenza vaccination is the single best way to prevent the spread of influenza in healthcare settings. It is the policy of this Medical Center that any contractor working in buildings 8, 203, 208, 200 (defined as patient care areas) must show evidence of receiving a flu shot during the flu season or wear an ordinary loop mask while working within 6 feet of the breathing zone of any patient. The contractor will be responsible for insuring its employees have had these vaccinations while performing work between in p[atient care define areas between the dates of November 1<sup>st</sup> to March 31<sup>st</sup>. Flu vaccination can be done at an outside provider or in the VASF Occupational Health at no

charge. Proof of vaccination must be shown to the COR prior to start of work using the self-certification form for each employee that will working in the defined patient care area at the SF VAMC during the defined timeline.

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