

**SECTION 01 00 00  
GENERAL REQUIREMENTS**

**TUNNEL WASHER BUILDING 54**

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**1.1 SAFETY REQUIREMENTS**

Refer to section 01 35 26, SAFETY REQUIREMENTS for safety and infection control requirements.

**1.2 GENERAL INTENTION**

- A. Contractor shall completely prepare site for building operations, including demolition and removal of existing structures, and furnish labor and materials and perform work for Preparation Building 54 Animal Research, Palo Alto Division.
- B. Visits to the site by Bidders may be made only by appointment with the Contracting Specialist and Contracting Officer Representative.
- C. All employees of general contractor and subcontractors shall comply with VA, Veterans Affairs security management program and obtain permission of the VA police, be identified by project and employer, and restricted from unauthorized access.

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

- A. Work includes general construction, alterations, utilities shutdown, electrical, mechanical upgrade including setting up the back dock for vendor Tecniplast USA to bring in the Tunnel Washer. A general contractor needs to comply everything on Scope Of Work.

**1.4 SPECIFICATIONS AND DRAWINGS FOR CONTRACTOR**

- A. Drawings and contract documents may be obtained from the website where the solicitation is posted. Additional copies will be at Contractor's expense.

## 1.5 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. Before starting work the General Contractor shall give one week's notice to the Contracting Officer and cc to C.O.R. Contracting Officer Representative so that security or arrangements can be provided for the employees. This notice is separate from any notices required for utility shutdown described later in this section. A Utility Shutdown will be first come, first serve due to staff and time availability from Palo Alto Division Engineering Maintenance.
3. No photography of VA premises is allowed without written permission of the Contracting Officer and or C.O.R. Contracting Officer Representative
4. Veterans Affairs reserves the right to close down or shut down the project site 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. The General Contractor shall provide safety yellow tapes surrounding the working area at the project site: 24 hours a days, 7 days a week after construction hours.

2. The Contractor shall provide the BANNER with general contractor names, project manager, project superintendent and telephone numbers to reach during entire project construction activity, together with C.O.R. Contracting Officer Representative name and his mobile number.

D. Key Control:

1. The General Contractor shall provide duplicate keys and lock combinations to the C.O.R. Contracting Officer Representative if contractor intend for a staging area for project construction tools and office.
2. The General Contractor shall provide a key or combination lock to project C.O.R. Contracting Officer Representative of their staging area.

E. 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.

**1.6 OPERATIONS AND STORAGE AREAS**

- A. The Contractor shall confine all operations (including storage of materials) on Government premises to areas authorized or approved by the C.O.R. Contracting Officer Representative. 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.
- B. Temporary buildings (e.g., storage sheds, shops, offices) and utilities may be erected by the Contractor only with the approval of the C.O.R. Contracting Officer Representative and 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 expense upon completion of the work. With the written consent of

the C.O.R. Contracting Officer Representative the buildings and utilities may be abandoned and need not be removed.

- C. The Contractor shall, under regulations prescribed by the C.O.R. Contracting Officer Representative. 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.
- D. Working space and space available for storing materials shall be determined by C.O.R. Contracting Officer Representative
- F. Utilities Services: Where necessary to cut existing pipes, electrical wires, conduits, cables, etc., of utility services, or of fire protection systems or communications systems (except telephone), they shall be cut and capped at suitable places where shown; or, in absence of such indication, where directed by C.O.R. Contracting Officer Representative. All such actions shall be coordinated with the COR or Utility Company:

G. Phasing:

The Veterans Affairs Palo Alto Health Care System Center must maintain its operation 24 hours a day 7 days a week. Therefore, any interruption in service must be scheduled and coordinated with the C.O.R. Contracting Officer Representative to ensure that no lapses in operation occur. It is the CONTRACTOR'S responsibility to develop a work plan and schedule detailing, at a minimum, the procedures to be employed, the equipment and materials to be used, the interim life safety measure to be used during the work, and a schedule defining the duration of the work with milestone subtasks. The work to be outlined shall include, but not be limited to:

To insure such executions, Contractor shall furnish the C.O.R. Contracting Officer Representative with a schedule of approximate phasing and dates on which the Contractor intends to accomplish work in each specific area of site, building or portion thereof. In addition, Contractor shall notify the C.O.R. Contracting Officer

Representative 3 days in advance of the proposed date of starting work in each specific area of site, building or portion thereof.

**Phase I:**

**Phase II:**

- I. Construction Fence: If contractor requires a staging area then 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 C.O.R.

Contracting Officer Representative

**II. Utilities Services:**

1. No utility service such as water, gas, steam, sewers or electricity, or fire protection systems and communications systems may be interrupted without prior approval of C.O.R. Contracting Officer Representative. Electrical work shall be accomplished with all affected circuits or equipment de-energized. When an electrical outage cannot be accomplished, work on any energized circuits or equipment shall not commence without a detailed work plan, the Veterans Affairs Palo Alto Health Care System prior knowledge and written approval.
2. Contractor shall submit a request to interrupt any such services to C.O.R. Contracting Officer Representative in writing, 14 calendar days in advance of proposed interruption. Request shall state reason, date, exact time of, and approximate duration of such interruption. In average 30 days for a utility shutdown is normal due to Palo Alto Division Engineering Maintenance availability with first come, first server.
3. Contractor will be advised (in writing) of approval of request, or of which other date and/or time such interruption will cause least

inconvenience to operations of Palo Alto Division Veterans Affairs Health Care Systems. Interruption time approved by Palo Alto Medical Center may occur at other than Contractor's normal working hours.

- L. Abandoned Lines: All service lines such as wires, cables, conduits, ducts, pipes and the like, and their hangers or supports, which are to be abandoned but are not required to be entirely removed, shall be sealed, capped or plugged at the main, branch or panel they originate from, ALL CAPPING BACK TO ORIGINAL SOURCES. The lines shall not be capped in finished areas, but shall be removed and sealed, capped or plugged in ceilings, within furred spaces, in unfinished areas, or within walls or partitions; so that they are completely behind the finished surfaces.
- M. Cleaning up shall include the removal of all equipment, tools, materials and debris and leaving the areas in a clean, neat condition.

#### **1.7 ALTERATIONS**

- A. Survey: Before any work is started, the Contractor shall make a thorough survey with the C.O.R. Contracting Officer Representative and a representative of Palo Alto Division Engineering Maintenance of the building, areas of buildings in which alterations occur and areas which are anticipated routes of access, and furnish a report, signed by a General Contractor and a C.O.R. Contracting Officer Representative

This report shall list by rooms and spaces:

1. Existing condition and types of resilient flooring, doors, windows, walls and other surfaces not required to be altered throughout affected areas of the building.
2. Existence and conditions of items such as plumbing fixtures and accessories, electrical fixtures, equipment, venetian blinds, shades, etc., required by drawings to be either reused or relocated, or both.
3. Shall note any discrepancies between drawings and existing conditions at site.

4. Shall designate areas for working space, materials storage and routes of access to areas within buildings where alterations occur and which have been agreed upon by Contractor and a C.O.R. Contracting Officer Representative
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. Protection of interior of existing structures at all times, from damage, dust and weather inclemency. Wherever work is performed, floor surfaces that are to remain in place shall be adequately protected prior to starting work, and this protection shall be maintained intact until all work in the area is completed.

#### **1.8 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. Reserved items which are to remain property of the Government are identified by attached tags or noted on drawings or in specifications as items to be stored. A general contractor shall check with a C.O.R. Contracting Officer Representative before throwing debris away from Palo Alto Division Veterans Affairs Health Care Systems.

#### **1.9 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 to be removed and which do not unreasonably interfere with the work required under this contract. The Contractor shall replace on all damaged items caused by a General Contractor
- 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 and or replace 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 Contracting Officer may have the necessary work performed and charge back the cost to the Contractor.

#### **1.10 RESTORATION**

- A. Remove, cut, alter, replace, patch and repair existing work as necessary to install new work. Except as otherwise shown or specified, do not cut, alter or remove any structural work, and do not disturb any ducts, plumbing, steam, gas, or electric work without approval of the C.O.R. Contracting Officer Representative. Existing work to be altered or extended and that is found to be defective in any way, shall be reported to the C.O.R. Contracting Officer Representative at all times before it is disturbed. Materials and workmanship used in restoring work, shall conform in type and quality to that of original existing construction and Made In U.S.A., except as otherwise shown or specified.
- B. Upon completion of contract, deliver work complete and undamaged. Existing work (walls, ceilings, partitions, floors, mechanical and electrical work, lawns, paving, roads, walks, etc.) disturbed or removed as a result of performing required new work, shall be patched, repaired, reinstalled, or replaced with new work, and refinished and left in as good condition as existed before commencing work.
- 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 not scheduled for discontinuance or abandonment.
- D. Expense of repairs to such utilities and systems not shown on drawings or locations of which are unknown will be covered by adjustment to contract time and price in accordance with clause entitled "CHANGES" (FAR 52.243-4 and VAAR 852.236-88) and "DIFFERING SITE CONDITIONS" (FAR 52.236-2).

**1.11 PHYSICAL DATA**

- A. Data and information furnished or referred to below is for the Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor.

**1.12 LAYOUT OF WORK**

- A. The Contractor shall lay out the work from Government established base lines and bench marks, indicated on the drawings, and shall be responsible for all measurements in connection with the layout. The Contractor shall furnish, at Contractor's own expense, all stakes, templates, platforms, equipment, tools, materials, and labor required to lay out any part of the work. The Contractor shall be responsible for executing the work to the lines and grades that may be established or indicated by the C.O.R. Contracting Officer Representative. The Contractor shall also be responsible for maintaining and preserving all stakes and other marks established by the Contracting Officer until authorized to remove them. If such marks are destroyed by the Contractor or through Contractor's negligence before their removal is authorized, the Contracting Officer may replace them and deduct the expense of the replacement from any amounts due or to become due to the Contractor.

**(FAR 52.236-17)**

**1.13 USE OF ROADWAYS**

- A. For hauling, use only established public roads and roads on Palo Alto Division Health Care System when authorized by the C.O.R. Contracting Officer Representative

**1.14 TEMPORARY USE OF EXISTING ELEVATORS**

- A. Contractor will not be allowed the use of existing elevators. Outside type hoist shall be used by Contractor for transporting materials and equipment.

**1.15 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 C.O.R. Contracting Officer Representative, 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. Contractor shall provide his own portable toilet and not to use toilet inside Building 54, Animal Research.

**1.16 AVAILABILITY AND USE OF UTILITY SERVICES**

- A. The Government shall PROVIDE WHAT THE GOVERNMENT CAN interm of all reasonably required amounts of utilities available to the Contractor from existing outlets and supplies, as specified in the contract. If the Government can't accommodate electrical power, water, then it is on the contractor expenses.
- B. The Contractor, at Contractor's expense and in a workmanlike manner, in compliance with code and as satisfactory to the C.O.R. Contracting Officer Representative, 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 and repair restore the infrastructure as required at the general contractor expenses.

**1.17 CONSTRUCTION SIGN**

- A. Provide a Construction Sign where directed by the C.O.R. Contracting Officer Representative. All wood members shall be of framing lumber. Cover sign frame with 0.7 mm (24 gage) galvanized sheet steel nailed securely around edges and on all bearings. Provide three 100 by 100 mm (4 inch by 4 inch) posts (or equivalent round posts) set 1200 mm (four feet) into ground. Set bottom of sign level at 900 mm (three feet)

above ground and secure to posts with through bolts. Make posts full height of sign. Brace posts with 50 x 100 mm (two by four inch) material as directed.

- B. Paint all surfaces of sign and posts two coats of white gloss paint. Border and letters shall be of black gloss paint, except project title which shall be blue gloss paint.
- C. Maintain sign and remove it when directed by the C.O.R. Contracting Officer Representative

#### **1.18 SAFETY SIGN**

- A. Provide a Safety Sign where directed by C.O.R. Contracting Officer Representative. Face of sign shall be 19 mm (3/4 inch) thick exterior grade plywood. Provide two 100 mm by 100 mm (four by four inch) posts extending full height of sign and 900 mm (three feet) into ground. Set bottom of sign level at 1200 mm (four feet) above ground.
- B. Paint all surfaces of Safety Sign and posts with one prime coat and two coats of white gloss paint. Letters and design shall be painted with gloss paint of colors noted.
- C. Maintain sign and remove it when directed by C.O.R. Contracting Officer Representative

#### **1.19 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 C.O.R. Contracting Officer Representative verbally and then with a written follow up.

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