

PART 1 GENERAL

1.1 DESCRIPTION OF WORK SITE AND LOCATION

- A. The Main Parade Ground Rehabilitation Project consists of the paving, grading, utilities and drainage necessary for a planned parking lot and lawn area. The Main Parade Ground is a central feature of the Main Post of the Presidio of San Francisco and is surrounded by occupied buildings. Several major construction projects are in progress either adjacent to or near the project site.
- B. The work site lies within a National Park. The site is bounded by Lincoln Ave. on the north, Anza St. on the east, Sheridan Avenue on the south, and Montgomery St. on the West. It is a historic neighborhood with all its buildings and surrounding landscape constituting key contributing elements to the Historic Landmark designation of the Park. The site is located along a major Park arterial road. Roads and sidewalks are heavily used by local residents and visitors, bicyclists, joggers and pedestrians.
- C. The area is administered by the Presidio Trust and all plants and animals are protected.

1.2 DESCRIPTION OF THE WORK

- A. The Work of the project includes the planned parking area along Anza St. and a lawn to the west paralleling Montgomery St. For bidding purposes the project has been divided into Base Bid Work and Add Alternate Work. Add Alternate Work, if accepted by the Trust, would constitute Phase I of a construction schedule and includes but is not limited to trenching for utilities, installation of electrical systems including charging station and lighting, backfilling and AC patching, selective pavement demolition and AC patching and overlay, concrete curbs, ramps and sidewalks, installation of pavement markings, wheel stops, traffic signs, and site furnishings.
- B. Depending on Trust acceptance of Add Alternates, Base Bid Work will be performed either as a single phase or multiphase project and includes but is not limited to sawcutting of pavement, grind and recycling (removal) of existing AC pavement and baserock, selective removal of concrete curbs, sidewalks and ramps, installation of storm drainage systems including infiltration trenches, manufacture and import of modified soils, placement and compaction of soils, installation of gopher wire protection, placement of grass sod, installation of landscape lighting, and pavement markings.

1.3 COORDINATION WITH OTHER CONSTRUCTION CONTRACTS

- A. The Presidio Trust may have other construction work, including improvements in utilities infrastructure around the Main Parade Ground, in progress during the Fall of 2010 and within this project site. Utilities improvement work within the Main Parade Ground area is scheduled to be complete by October 15, 2010. The Contractor shall work with the Presidio Trust and others as necessary to accommodate the work of the Utilities infrastructure project, to minimize impacts on the Park, and coordinate its work activities with other ongoing projects.

- B. Follow at all times the written or diagrammed program for implementation of the project contained in the Contractor's approved Workplan unless directed to do otherwise by the Presidio Trust.

1.4 CONTRACTOR ACCESS AND USE OF THE SITE

- A. Before start of work, Contractor shall obtain an Excavation Clearance permit from the Presidio Trust (Contact, Siainiu Tei-Misa, 415-561-5327). Contractor is also responsible for contacting USA Dig and maintaining a current clearance number. Allow ten (10) working days for issuance of the Excavation Clearance. All demolition and excavation shall be performed between the hours of 7:00 AM and 3:30 PM in areas where utilities are located that could be damaged including but not limited to gas lines, high Contractor shall conform to all requirements any Construction Permit issued by the Presidio Trust.
- B. Establishment of a construction camp within the Presidio will not be permitted.
- C. The Contractor's use of the premises is restricted to the designated work area and approved staging areas. A work limit line is shown on the construction drawings for each phase of the project. All work shall be performed inside the work limit line for each phase of construction or as directed by the Trust. A staging area near Anza St. at the southern end of the site may be designated by the Trust. As described in Section 01 5600, Barriers. Materials and equipment must be stored inside the fenced work area or a designated staging area with lockable gates (See Section 01 5600, Barriers).
- D. Contractor shall maintain site security during the period of construction by installation and maintenance or perimeter fencing, gates and other means, including concrete K-rail barriers.
- E. Contractor personnel shall at all times comply with all regulations and recommendations of the Presidio Trust.
- F. Work Hours in the Presidio are 7:00 AM to 5:00 PM Monday through Friday. Work on weekends and beyond normal work hours is not permitted unless requested 72 hours in advance and authorized in writing by the Trust Representative.
- G. Haul Routes--Contractor vehicle traffic shall follow approved routes within the Presidio. For the present project and due to partial closure of Lincoln for the Doyle Drive project, all vehicles larger than utility trucks shall access the site from Highway 101 off ramp just after the Golden Gate Bridge toll plaza to Merchant Road, to Lincoln Blvd (northbound/eastbound), to McDowell Avenue, to Mason Street (eastbound), to Halleck Street, to Lincoln Blvd (westbound). Exiting from the site shall follow the same route. The exception to the foregoing will be for concrete ready-mix trucks, which will be authorized to enter the Presidio via the slip ramp into the Presidio from Richardson Ave., across Marshall to Gorgas, to Halleck, and right on Lincoln to project site. Exiting of concrete trucks shall be by the same route except that trucks shall proceed to Gorgas Ave after right from Halleck, and return to Richardson Ave. No worker or truck traffic shall enter the Presidio via 15th Ave. and Battery Caulfield Rd. A map of the approved haul routes and worker parking area shall be included in the Contractor Workplan and distributed to all subcontractors.

- H. Workplan—The Contractor shall furnish at the preconstruction meeting a Workplan for the project describing the types of equipment and general procedures to be followed in the execution of the Work. The Workplan shall incorporate, as appropriate, references to tasks to be performed as they determine the Construction Schedule which shall be incorporated into the Workplan. The Workplan shall also incorporate references to haul routes, staging areas, traffic control, barriers and enclosures, and other significant construction activities, features, operations or superintendence as they relate to the execution and performance of the Work. Work shall not commence until the Workplan has been reviewed and approved by the Trust.
- I. Traffic controls shall conform to published CalTrans standards for course of construction traffic control and Contractor shall include a Traffic Control plan with the Workplan for review and approval by the Presidio Trust. No two-way road closure will be permitted. Provide traffic control for single-lane traffic diversion and radio control between flaggers if necessary. Contractor must at all times maintain temporary signage and notification, marked and coned detour routes, clearly marked temporary pedestrian pathways, and temporary vehicular travelway alignments and flag control as necessary.
- J. Contractor shall provide Federal OSHA and other required postings regarding site safety. Contractor shall conduct operations in such a manner, and provide education, training, notifications, and other protective measures as necessary to maintain a safe work area for workers and shall conduct operations at all times safely and securely so as to minimize the risk to public safety.
- K. All Contractor employees and subcontractor employees shall be advised of the rules and regulations of the Presidio Trust and follow posted speed limits on Presidio Roads.
- L. Contractor and subcontractor worker vehicles shall be parked in designated paved areas within the project site or as permitted by the Presidio Trust. Utility vehicles may be parked near ongoing operations provided pedestrian pathways and vehicle travelways are not obstructed.
- M. A Hot Work Permit is required for any cutting, welding or heat gun work. No open flame torch work will be allowed. The permit will be issued by the NPS Fire Inspection office to the Contractor and will be good through completion of work. The Contractor will be responsible for ensuring that all workers and subcontractors follow permit conditions. Contact the Presidio Fire Inspection and Prevention Office (561-5132) a minimum of three days prior to the date the Hot Work Permit is needed to avoid delays in work.
- N. Temporary facilities include fencing and sanitary facilities. Portable toilets rented by the Contractor and cleaned on a weekly or as-needed basis by the Contractor and situated within the approved, fenced staging area. Fencing of the site and tree protection shall conform to the approved Workplan and meet the requirements of Section 01 5600, Barriers.

1.7 WEEKEND, EVENING, AND HOLIDAY WORK RESTRICTIONS

- A. Work will not be permitted on weekends, evenings or holidays, unless requested 72 hours in advance and authorized in writing by the Trust Representative.
- B. No onsite work shall be performed during Sundays or holiday periods unless otherwise directed by the Trust.
- C. At the pre-construction meeting and at subsequent weekly construction meetings, the Presidio Trust may from time to time furnish the Contractor with notification of special events occurring within the Presidio. The Contractor shall coordinate their work schedule with planned special events so as to avoid conflicts with planned events.

1.8 FIELD VERIFICATION

- A. Contractor shall field verify all existing dimensions and conditions affecting the Work of this contract before proceeding with the Work. Bring any discrepancies to the attention of the Trust and obtain Trust direction prior to proceeding with the Work affected.
- B. Drawings provided do not necessarily include all dimensions. It shall be the responsibility of the Contractor to verify local conditions including vertical elevations to maintain slopes, drainage, and conforms to existing conditions prior to proceeding with the Work affected.

1.9 CONSTRUCTION MATERIALS

- A. See Technical Specifications

1.10 SITE OBSERVATION, MATERIALS TESTING AND SPECIAL INSPECTIONS

- A. Site observation during excavation cut to fill, compaction of subgrades and engineered fills will be performed by the Trust's Consultant. Material testing and special inspections required to determine compliance with the Technical Specifications of the project will be performed by an independent certified testing laboratory retained and paid for by the Trust. Testing and Inspection will be performed per Section 01 4523, Testing and Inspecting Services, and as specified in the Technical Specifications.

1.11 STORM WATER POLLUTION PREVENTION PLAN

- A. Contractor shall arrange for preparation of a Storm Water Pollution Plan (SWPPP) by a qualified preparatory entity and submit the SWPPP to the Trust for review. The SWPPP shall comply with the most recent rules for complying with requirements of the General Permit promulgated by the State Water Resources Board effective July 1, 2010. The Contractor shall maintain a copy of the SWPPP on site throughout the course of construction.
- B. The Contractor shall implement all requirements of the SWPPP. During the course of construction the Contractor's designated, qualified employee shall make regular inspections of BMP's and record observations as per the SWPPP.

1.12 PROTECTION OF CULTURAL RESOURCES

- A. If Historic or Archeological remains (Glass, metal, ceramic, bone, shell, etc.) are found during any excavation associated with the Work, notify the Presidio Trust Senior Archeologist (Eric Blind 415-561-4809 or 415-850-5166) so the discovery can be examined, recorded, and an in-field decision can be made regarding its treatment. In particular, if any human remains or associated artifacts are found, all work must stop immediately in the vicinity of the discovery. The finds must be protected and left as found, and the designated archeologists must be contacted immediately (source 43 CFR 10.4 [Inadvertent Discoveries]; 43 CFR 7.4 [Prohibited Acts and Criminal Penalties]. Note all findings in the project construction log.
- B. An archeological monitoring plan (AMP) for the Main Parade Greening Project has been prepared by Trust archeologist Kari Jones. Specific areas will be monitored during construction by archeological consultants retained by the Trust and/or by the Trust archeologist. Prior to start of any excavation work, a meeting will be held with the archeologist for the purpose of clarifying for the Contractor all areas to be monitored, the type of monitoring procedures that are to be expected during excavation activities, and protocols to be followed during excavations activities. Archeological monitoring zones shall be identified on the ground prior to the start of excavation.

1.13 EQUIPMENT CLEANUP

- A. Prior to entering the Presidio, the Contractor shall thoroughly clean all tools and equipment by means of pressure washing and/or steam cleaning to remove all weeds, debris, insects, or any material from other project sites. Include all heavy equipment or tools to be used in the Presidio during the course of the project. Cleaning of equipment prevents exotic species from entering into the Park and affecting natural ecosystems.
- B. Contractor shall engage concrete ready-mix vendors with transit mix trucks that have self-cleaning capability.

1.14 HAZARDOUS MATERIALS

- A. No hazardous materials are known to exist on the site.
- B. The Contractor will be required to take a Safety Awareness Training conducted by the Trust Health and Safety Officer, Howard Rudolph prior to commencing work.

1.15 PRESIDIO TRUST CONSTRUCTION GUIDELINES

- A. The Contractor should be aware of the requirements of the Presidio Trust Construction Guidelines, available for reference on line at Presidio.gov/constguide.
- B. As required by the Trust Construction Guidelines, a Soils Management Plan (SMP) must be prepared for projects involving extensive excavation or soils removal. The Trust's consultant, URS, has prepared an SMP (July 12, 2010) for the project. The Contractor shall comply with all requirements of the SMP.

PART 2 PRODUCTS (Not used).

PART 3 EXECUTION (Not used)

End of Section