
STATEMENT OF WORK

FOR REPAIR OF THE WALKWAY

AT THE WESTERN YARD OF THE RESIDENCE

AT

JULY 2022

1. BACKGROUND

The subject of this Scope of Work is repairing the unserviceable sloped walkway at the western part of the yard in order to improve the accessibility and to ensure safe passage between the house and perimeter fence. The proposed work shall comprise demolition and disposal of the existing concrete decorative cubes (used as stairs), excavation work for the new stairway foundation and casting of new stairway and landings. The walkway shall be paved with granite tiles with anti-slippery surface. Handrails and guardrails shall be installed as per the Safety, Occupational Health, and Environmental Management (SHEM) requirements.

2. SCOPE OF WORK AND SPECIFICATIONS

This document is being issued by the US Department of State with the purpose to enter into a contract the following works:

2.1. DEMOLITION AND EXCAVATION WORK

- 2.1.1. Demolition / jackhammering and disposal of existing concrete ~~stairs~~ cubes and concrete landings, total 14_m3 (Ref. attached Site Demolition Plan EMR.DA1, BOQ and the attached google maps Fig 1 and photos Fig.2)
- 2.1.2. Grubbing and move / re-plant a small tree to a new location within the plot. To be determined by the Contracting Officer's Representative (COR) (Ref EMR.DA1 and the attached google map).
- 2.1.3. Excavation work for the foundations of the new stairways, total 2 m3 (Ref. attached Section 1 EMR.A3 and the BOQ)

2.2. FORMWORK

- 2.2.1. Work out and install formwork for the new stairs and landings as per the attached Formwork plan
- 2.2.2. All horizontal concrete surfaces that will be used for formwork for the new concrete structures shall be cleaned and treated with contact primer before concrete casting
- 2.2.3. Install layer of geotextile under the stairway landings

2.3. REINFORCEMENT

- 2.3.1. Work out and install the reinforcement rebars as per the attached reinforcement plan
- 2.3.2. For expansion of the existing concrete structures use the detail with the mesh $\Phi 6@10$ mm anchored on the vertical part of the existing elements

2.4. CONCRETE CASTING

- 2.4.1. Pour out concrete class C20/25 into the forms for stairways and landing using concrete pump truck
- 2.4.2. Compact the concrete using flexible shaft type internal vibrator
- 2.4.3. Cover the concrete surface for 24 hours to avoid evaporation and cracks

2.5. GRANITE TILES FINISHES

- 2.5.1. Provide and install 50 mm thick anti-slip granite tiles on the concrete landings and stairs as per the attached drawings EMR.A1 and EMR.A3. The tiles shall be glued to the concrete surface using cement-base glue.
- 2.5.2. Prior to purchase the granite tiles the contractor shall provide a tile sample for approval

2.6. RAILINGS

- 2.6.1. Work out and install stainless steel protective railings and handrails as per the attached Elevation 1 (EMR.A4), Details (EMR.A5) and Railing Schedule (EMR.A6).
- 2.6.2. The gaps between vertical bars of the railing/handrail as well as the gap at the bottom shall not exceed 4" (10 cm)
- 2.6.3. The railings/handrails shall be able to withstand a force of 200 lb (91 kg)
- 2.6.4. The top of the handrail shall be at 36-42" (91-107cm) from the stair tread nosing, the top of the protective railing (guardrail) for no public areas has to be 36" min (91cm min)

3. GENERAL CONDITIONS

3.1. CONTRACT ADMINISTRATION

- 3.1.1. The Contractor shall not conduct any work that is beyond this Statement of Work unless directed in writing by the Facilities Manager (FM) or Contracting Officer [CO]. Any work done by the Contractor beyond this SOW without direction from the FM or CO will be at the Contractor's own risk and at no cost to the Embassy
- 3.1.2. The Contracting Officer shall provide a Notice to Proceed [NTP] to the Contractor. No work shall be initiated until the NTP is issued by the CO
- 3.1.3. The Embassy has the right to inspect and test all services called for by the contract, to the extent practicable at all times and places during the term of the contract. Facility Management Department may perform quality assurance inspections [QAI] and tests during construction to confirm the work is installed according to the Statement of Work

3.2. RESPONSIBILITY OF THE CONTRACTOR

- 3.2.1. The Contractor shall be responsible for the professional quality, technical accuracy, and the coordination of all construction and other services furnished under this contract. The Contractor shall, without additional compensation, correct or revise any errors or deficiencies in its construction and other services
- 3.2.2. The Contractor shall identify a Project Site Manager who shall be responsible for the overall management of the project and shall represent the Contractor on the site during construction. The Project Site Manager shall be approved by the COR
- 3.2.3. The Contractor is responsible for safety and shall comply with all local labor laws, regulations, customs and practices pertaining to labor and also shall comply with the safety standards found in the Army Corps of Engineers publication EM3851-1 which can be found at <http://www.usace.army.mil/Safety-and-Occupational-Health/Safety-and-Health-Requirements-Manual/>. The Contractor shall promptly

report all accidents resulting in lost time, disabling, or fatal injuries to the COR.

3.2.4. The Contractor is required to keep the work site neat and in presentable condition at all times and, at his own cost.

3.2.5. The Contractor shall be responsible for removal and disposal of all construction debris by providing adequate number and size of waste receptacles and other cleaning supplies.

3.2.6. The Contractor shall be responsible for site restoration and damages due to work.

3.2.7. The contractor shall be responsible for all the contractor-owned tools and equipment at all times and shall provide a lockable tool and material box for their operatives if required

3.3. CONSTRUCTION REQUIREMENTS

3.3.1. All materials and equipment incorporated into the project shall be new. The Contractor shall transport and safeguard all materials and equipment required for construction. Obtain primary quality materials from manufactures who have successfully produced these materials for at least ten years. All materials to be used shall be indicated in the quote and approved by the COR

3.3.2. The Contractor will be permitted to use the area within the compound for operation of his construction equipment and temporary facilities. The Contractor is responsible for obtaining any additional off compound storage areas required

3.4. PERIOD OF PERFORMANCE

3.4.1. The Contractor shall commence work under this contract promptly, execute the work diligently, and achieve final completion and acceptance of the project including final cleanup of the premises within the contract period specified

3.4.2. Milestones:

- Award
- Pre-construction Site Visit: 3 days after Award

- Embassy Review 2 days
- Construction: 28 days
- Final Cleanup Begins 2 days prior to completion
- Total Performance: 35 days

3.4.3. Work hours will be from 08:00 to 16:00 only on working days. Requests to do work outside of these hours must be approved in advance by the Embassy and shall be detailed in the Contractor's proposal. All off hour work not identified in proposal must be scheduled in advance and require embassy approval.

3.4.4. The Embassy reserves the right to stop contractor work due to Embassy business and special events. All effort will be made to provide advance warning and minimize contractor losses

3.5. CLEARANCES

3.5.1. This is a non-classified project. The work to be performed under this contract requires that the Contractor, its employees and sub-contractors submit corporate, financial and personnel information for review by the Embassy. Information submitted by the Contractor will not be disclosed beyond the Embassy.

3.5.2. The Contractor shall inform and provide in writing transportation details (vehicle registration number, drivers name and date of delivery) to the Embassy at least 24 hours in advance for all material and equipment deliveries.

3.6. STORAGE OF MATERIALS (Ref the attached Google map Fig.1)

3.6.1. Proper storage of Materials is the sole responsibility of the Contractor. Protect all Materials susceptible to moisture including, but not limited to all roll goods, insulation, wood, and dry wall boards in above ground watertight storage. Keep all labels intact and legible clearly showing the product, manufacturer and other pertinent information

3.6.2. Store materials in site. Cover and protect materials subject to damage by weather, including transit. Stored materials shall be available for inspection.

3.6.3. Store flammable and volatile materials/liquids in sealed containers located a minimum of 20feet from existing buildings.

3.6.4. Liquid Products shall be delivered sealed in original containers.

3.7. PROJECT PROCEDURES

3.7.1. A] The Embassy will be occupying the adjacent premises during the construction period.

B] The Contractor shall conduct his operations so as to ensure least inconvenience to the Embassy operations.

C] Contractor shall take precaution to avoid excessive noise or vibration during construction.

D] Contractor shall provide a safety and health plan to ensure effective implementation.

3.8. WARRANTY OF CONSTRUCTION

The warranty of contractor work shall continue for a period of five years from the date of customer final acceptance of the work.

Contractor shall be responsible to correct any and all faults or defects which may occur within 5 years from the date of final acceptance of the work.

Contractor shall repair or replace low quality work that does not meet industry standards.

The contractor shall bear all the cost to fix the repairing work during the warranty period.