
STATEMENT OF WORK

FOR REPAIR OF THE RETAINING WALLS
AT THE SOUTHERN YARD OF THE RESIDENCE
AT #25 SASHA POPOV ST., SOFIA

AUGUST 2022

UNCLASSIFIED

1. BACKGROUND

The subject of this Scope of Work is repairing the cracked and crumbling surface of the retaining walls at the terraced southern part of the yard by covering them with gabions cladding. The scope also includes repair of the 2 ruining stairways, work out and installation of protective railings where the drop is more than 30 inches and repair of the curved stair in the front courtyard.

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. Dismantle the stainless steel railings at the stairs that will be repaired.
- 2.1.2. Demolition / jackhammering of the crumbling concrete on the retaining walls and stairs to be repaired up to solid concrete structure
- 2.1.3. Demolition and disposal of the adjoining pavement to the retaining walls, 20 cm wide strip – where pavement is adjacent to the retaining wall
- 2.1.4. Excavation and making a levelled base for the gabion cladding, 15 cm under the level of the paving

2.2. GABIONS INSTALLATION

- 2.2.1. Provide and install 4mm, hard drawn steel mesh pockets, electrically welded, 50x50 mm square, size: Length x Height x Depth 1000 x 500 x 100 mm, Zink coated. Mesh panels shall be fastened to the concrete wall with special brackets, chemset anchors and braces, ultimately pinning the gabions back securely (see the design specs)
- 2.2.2. Fill the so-formed mesh pockets with crushed stone, size 60 – 80 mm. The crashed stone sample shall be approved by the Contracting Officer
- 2.2.3. Provide and install granite tiles capping at the top of the retaining wall, size 300 x 600 x 50 mm. Use cement-base glue to attach the tiles. A sample of the tiles shall be approved by the Contracting Officer

2.2.4. Work out and install stainless steel protective railing at the top of the retaining wall where the drop is more than 30 inches

2.3. REPAIR OF THE 2 CONCRETE STAIRWAYS AT SOUTHERN YARD

2.3.1. Vacuum clean the concrete surface after demolition work and apply primer on the concrete surface to ensure proper contact with the cement - based glue

2.3.2. Procure and install 4 cm tick granite slabs on the risers and treads of the stairway as per the attached details. Use cement-base glue for outdoor use.

2.3.3. Re-install the stainless steel railings

2.4. REPAIR CURVED STAIRWAY AT THE FRONT COURTYARD

2.4.1. Apply contact primer on the concrete stairsa after demolishing of the crumbling surface.

2.4.2. Cover the concrete stairway with 5 cm thick exposed concrete as per the prescription for the class of the concrete and additives in the project – concrete class SB2 that corresponds to exposed concrete with normal requirements, such as in stairwells or retaining walls.

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
- 3.3.3. The contractor shall install a chemical toilet with sink at the position shown below. The toilet and sink will stay at the construction site during the entire period of work.

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 working days
 - Final Cleanup Begins 2 days prior to completion
- Total Performance: 35 working 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 20 feet 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.

FIG.1 GOOGLE MAPS OF THE CONSTRUCTION SITE

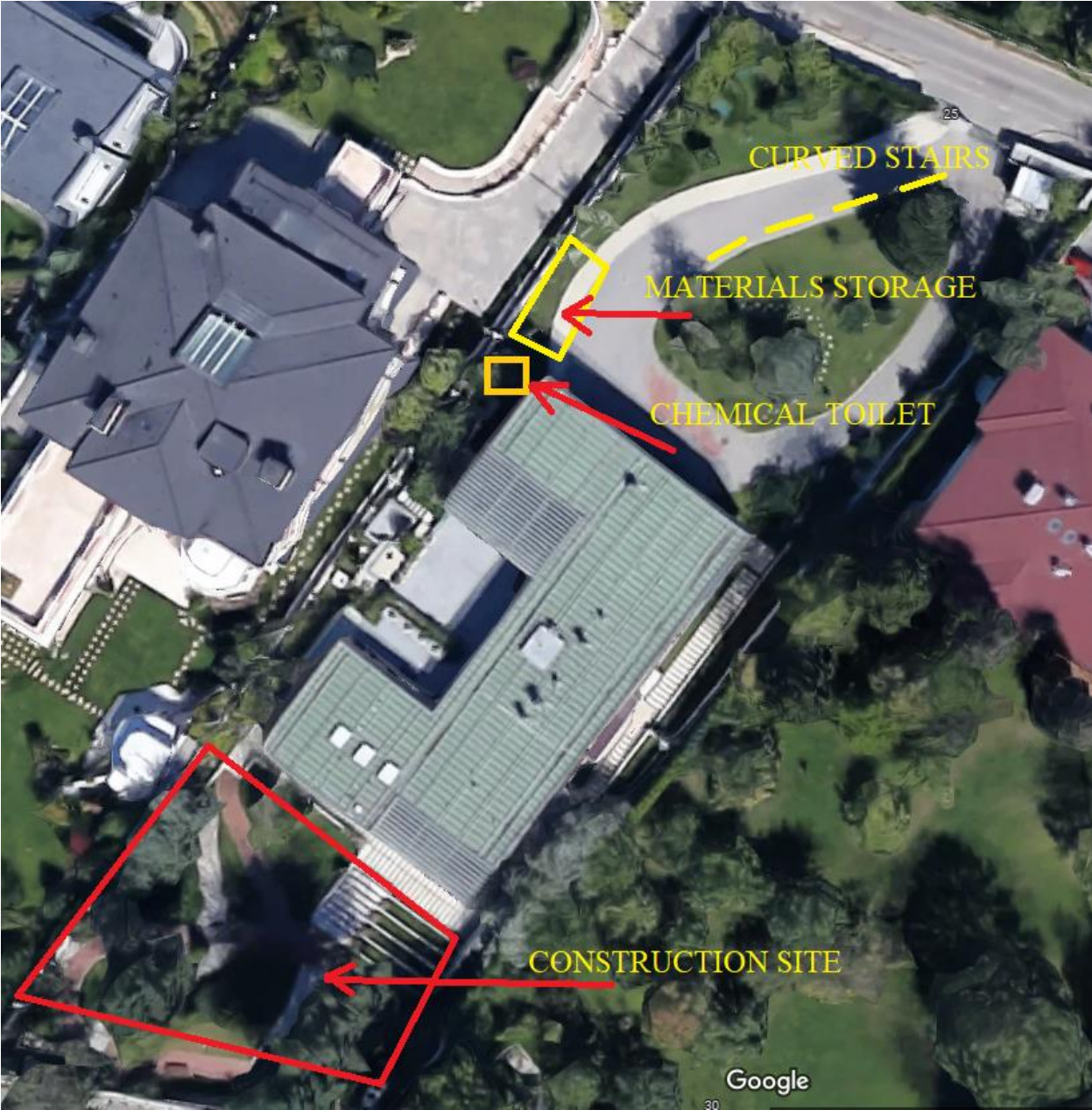


FIG.2 PHOTOS OF THE EXISTING CONCRETE CUBES

