

**SCOPE OF WORK**  
**Installation of Artificial Turf – Phase 2**  
**EMBASSY DJIBOUTI**

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**1 PROJECT DESCRIPTION**

- 1.1 This project work is to install Artificial Turf at the US Embassy Djibouti per the drawings provided by the U.S. Embassy for Phase I of this work.
- 1.2 The project work includes:
  - 1.2.1 Removal and disposal of existing round quartz aggregate (river rock) in the area of this scope of work.
  - 1.2.2 Backfilling with compactable aggregate per the manufacturer’s recommendation.
  - 1.2.3 Leveling and compacting the area on which the Artificial Turf is to be installed.
  - 1.2.4 Installing the Artificial Turf, including gluing seems and installing anchors per this scope of work and the manufacturer’s recommendations.
  - 1.2.5 Installing beach sand ballast and providing final grooming per manufacturer’s recommendations.
- 1.3 Area of Project:
  - 1.3.1 The area of the project for Phase I installation will be noted on the drawings provided.
  - 1.3.2 The pricing on this project is per square meter and the approximate size of the project will be 6,000 square meters.

**2 SCOPE**

**2.1 PRIOR TO IMPLEMENTATION**

- 2.1.1 Submit to the CO and/or COR within 30 days of Notice to Proceed, document submittal package that includes:
  - 2.1.1.1 Bill of material to be ordered by contractor with estimated delivery times and dates,
  - 2.1.1.2 Complete finalized Execution Plan including Critical Path Method (CPM) schedule

**2.2 GOVERNMENT PROVIDED MATERIAL**

- 2.2.1 Artificial Turf

**2.3 CONTRACTOR PROVIDED MATERIAL**

- 2.3.1 Turf tape needed to complete project.
- 2.3.2 Nails/spikes to complete project.
- 2.3.3 Ballast sand; must be clean white beach sand.
- 2.3.4 Base material including both course crushed granite or limestone and decomposed (fine crushed) granite or limestone. Material must be compactable (not sand).

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#### 2.4 IMPLEMENTATION

##### 2.4.1 Surface Preparation

- 2.4.1.1 Remove the existing quartz aggregate and dispose.
- 2.4.1.2 Excavate to a minimum of four (4") inches below finished grade with slopes to drains incorporated into the slope of the grade.
- 2.4.1.3 Install border shields around trees and planting beds. The top of the borders will be no more than one-half (1/2") inch above finished grade.
- 2.4.1.4 Finished grade will be one-half (1/2") inch or less below sidewalks, manhole covers, drain covers, and other concrete and metal borders.
- 2.4.1.5 Install four (4") inches of course aggregate and compact. Aggregate may be crushed limestone or granite.
- 2.4.1.6 Machine compact using vibrator or rolling compactor.
- 2.4.1.7 Install two (2") inch of decomposed granite as the final layer and compact.
- 2.4.1.8 Final layer must be smooth with no dips or rises of more than a 1/2 inch.

##### 2.4.2 Installation of Artificial Turf

- 2.4.2.1 Inventory all Artificial Turf roll sizes and lengths provided by the USG to be completely familiar with the rolls available.
- 2.4.2.2 Roll out the Artificial Turf according to the most efficient use and least waste.
- 2.4.2.3 Cut the Artificial Turf to fit to sidewalks, manhole cover extensions, and border shields.
- 2.4.2.4 Insure that the Artificial Turf is tight and even with no bubbles.
- 2.4.2.5 Use a factory seam tape and glue to attach the seams according to manufacturer's requirements.
- 2.4.2.6 Install nail/spikes on a pattern of each square foot and along the exterior seams next to border shields, sidewalks, and other protrusions.
  - 2.4.2.6.1 If there is a concrete abutment less than 6" below finished grade which prevents use of a 6" nail, provide a nailer of treated lumber or composite material at the edge of the Artificial Turf area affected and attach the Artificial Turf to the nailer in that area.
  - 2.4.2.6.2 Spikes are to be 6" long, galvanized, with a minimum body and head diameter of a 100d nail.

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2.4.2.6.3 Spikes must be driven down to the mesh backing so that there are no protrusions.

2.4.3 Installation of Ballast

2.4.3.1 When installation of the Artificial Turf is complete, add sufficient amount of clean white sand as ballast to the Turf to provide 1/4” to 1/2” in all areas.

2.4.3.2 Fluff the Turf and settle the sand ballast using motor operated brooms.

**2.5 AFTER IMPLEMENTATION**

2.5.1 Provide 1 year installation warranty

**3 POINTS OF CONTACT**

3.1 **CONTRACTING OFFICER:** The Contracting Officer (CO) shall be the Embassy General Services Officer

3.2 **CONTRACTING OFFICER REPRESENTATIVE (COR)** shall be the Embassy Facility Manager

**4 PROPOSAL SUBMITTAL:** proposal shall be submitted to GSO, U.S. Embassy Djibouti.

END SOW