

**SCOPE OF WORK**  
**Installation of Armed Forces Network SATTV**  
**September 2015**  
**EMBASSY DJIBOUTI**

---

## **1 PROJECT DESCRIPTION**

- 1.1 This project work is to install an Armed Forces Network (AFN) Satellite Television (SATTV) system in residences occupied by the U.S. Embassy per this scope of work provided by the U.S. Embassy.
- 1.2 The project work includes:
  - 1.2.1 Erection and installation of a 3-meter satellite dish (Dish provided by the United States Government (USG) to include installation, setup, and calibration of LNB and dish direction.
  - 1.2.2 Installation of cabling from the dish to the location determined by the COR for each residence.
  - 1.2.3 All cable connections and terminations.
  - 1.2.4 AFN receiver programming if needed.
- 1.3 Area of Project:
  - 1.3.1 The area of the project will be 12 USG residences in Heron, Harramous, and Gabode. Residences will be selected for installation by the Contracting Officer (CO). ONLY/ONLY work approved and contracted by the CO may be invoiced. Any work done which is not under approved contract will be at the contractor's cost without reimbursement.
  - 1.3.2 Connect using neighboring dish. (Total 5 Residences)
    - 1.3.2.1 Austria 2, Emerald City 3, Motown 2, Golden Gate 2, Stonehenge 2.
  - 1.3.3 Connect using new dish installation. (Total 7 Residences)
    - 1.3.3.1 Central Park, Coppertone, Golden Gate 1, Gemini, Peach House, Stonehenge 1, and Tahiti.

## **2 SCOPE**

### **2.1 PRIOR TO IMPLEMENTATION**

- 2.1.1 Submit to the CO and/or COR within 5 days of Notice to Proceed, document submittal package that includes:
  - 2.1.1.1 A list of all employees who will be working on this project including full name (as shown on ID), ID number, and ID type (passport, Djiboutian ID, etc).
  - 2.1.1.2 A list of all major equipment (trucks, cranes, etc) to be used on this project.
- 2.1.2 Submit a typical schedule for performance of the work. Work will be completed within 2 days of commencement of work.

**SCOPE OF WORK**  
**Installation of Armed Forces Network SATTV**  
**September 2015**  
**EMBASSY DJIBOUTI**

---

**2.2 IMPLEMENTATION**

**2.2.1 Satellite Dish Installation**

- 2.2.1.1 Sat Dish will be assembled and mounted in such a way to withstand the maximum wind force in Djibouti.
- 2.2.1.2 This contractor will provide the support pole, anchors, or support stand and ballast to make the installation in such a fashion as to withstand Djibouti summer winds of 80mph or more.
- 2.2.1.3 If the Sat Dish is to be mounted on the roof, the supporting pipe must be anchored to the parapet wall with bolts that pass completely through the wall and steel plate must be used on both sides of the wall to tie the bolt pair at each support together.
- 2.2.1.4 If the Sat Dish is mounted at grade, the support pole must be anchored in the ground at least 1 meter and there must be at least 20cm of concrete around the pole base (25cm radius of pipe and concrete).
- 2.2.1.5 Coordinate dish location ONLY/ONLY with COR and/or CO. Do not select location based on resident's request.
- 2.2.1.6 Sat Dish will be mounted at a location to allow ease of access to LNB.

**2.2.2 Cable Installation**

- 2.2.2.1 Cable will be RG-6U or RG-7 coaxial cable with minimum 1.0 mm core size.
  - 2.2.2.2 Cable may be run exposed but must be supported each meter.
  - 2.2.2.3 All openings drilled by this contractor must be sealed with concrete grout on the exterior of the building and non-shrink mortar grout on interior walls.
  - 2.2.2.4 Cable must be run perpendicular or parallel to building lines. Cable may not be "draped" across buildings or rooms.
  - 2.2.2.5 Radius on all corners must be sufficient to insure the cable will not kink or break. Minimum 10cm radius on each bend.
  - 2.2.2.6 Cable must be anchored within 15cm of all exterior wall penetrations.
- 2.2.3 All connectors are to be mechanically crimped and tested to ensure they cannot be pulled off of the cable.

**2.3 AFTER IMPLEMENTATION**

- 2.3.1 Clean all areas inside and outside to remove installation debris.

SCOPE OF WORK  
Installation of Armed Forces Network SATTV  
September 2015  
EMBASSY DJIBOUTI

---

**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 ([DjiboutiProcurement@state.gov](mailto:DjiboutiProcurement@state.gov)).

END SOW