

# PAINT 18-METER GUAM ANTENNA

## STATEMENT OF WORK

### 1.0 BACKGROUND

The purpose of this Statement of Work (SOW) is to define the requirements for painting a 18-Meter parabolic antenna located in Guam. This is a Naval Research Laboratory (NRL) asset that needs to be cleaned and painted from the top down. This asset is located on the NCTAMS Naval Station adjacent to building 285 on the island of Guam. In this case the contractor shall provide personnel, equipment and the materials required to complete the entire project. Under no circumstances will the Government be responsible to supply materials or assistance in the completion of this project. In addition, personnel working on this project must be US citizens

### 2.0 REQUIREMENTS

The contractor shall furnish equipment, materials and manpower to fully clean and paint the antenna system. The surface of the parabolic reflector shall be cleaned, but no paint will be applied at this time. The contractor shall also be responsible for the clean up of the surrounding area upon the completion of the project. Final paint to be used on the system shall be Benjamin Moore DTM, Antenna White.

#### 2.1 Water Blast

It is desired that the entire system be thoroughly cleaned using a high-pressure water system. Under no circumstance will sand blasting be permitted. All parts of the system shall be included in this process. This includes the support tower as well as the spars and feed assembly. Do

not use high-pressure water to clean around the grease seals of the Gearboxes or the environment seals around the Elevated Equipment Room.

## 2.2 Surface preparation

- A. Remove existing rust.
- B. Apply a rust inhibitive primer to the exposed metal.
- C. Apply a regular paint primer over these areas.

## 2.3 Prime

Apply a coat of premium primer to the entire antenna system. This includes the concrete tower base as well as the galvanized steel structure.

## 2.4 Final Paint

After the primer coat of paint has had ample time to cure apply a finish coat of DTM paint. Ensure that all structural components are completely coated.

## 2.5 Inspection

Perform a final inspection of the overall system. Ensure that all parts of the system have been properly cleaned and painted. If any portion of the system is under question the contractor shall perform "touch-up" painting to those areas. These areas may require reworking of the surface to provide an adequate surface for paint adhesion.

## 2.6 Clean Up

- A. Remove all trash and debris from the surrounding area.
- B. Clean work areas associated with the antenna and tower base.