



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
16 STATE HOUSE STATION  
AUGUSTA, MAINE  
04333-0016

JOHN ELIAS BALDACCI  
GOVERNOR

DAVID A. COLE  
COMMISSIONER

March 26, 2007  
Subject: **Bar Harbor**  
Pin No. 14276.00  
**Amendment No. 2**

Dear Sir/Ms:

The following questions have been received.

**Question:** Is the fence around the compound to be replaced with a 6' or 8' tall fence & does it need new barbed wire and posts?

**Response:** The existing fence will be removed, and a new 8' galvanized steel chain link fence, and new 4 point 12 gauge barbed wire shall be installed, the posts will be replaced where necessary.

**Question:** Is the Rohn 25 and the state building to be removed by others or do we include it with our bid?

**Response:** The Rohn 25 and the state building are to be removed by the contractor.

**Question:** Are there any amendments on this state project?

**Response:** Special Provision 102.7.3 Acknowledgment of Bid Amendments gives the Department web address to access any amendments on a project. It's the contractor's responsibility to check the site for amendments.

**Question:** Where are we to get power from on the site for the building (Meter-bank, Pole or Transformer)?

**Response:** The National Park Service will establish temporary power for the contractor.

**Question:** In Section 1, under 2. Products, within sub-section 2.1.3 Appurtenance Load, Paragraph C lists five antennas for the tower along with Appendix A, but sub-section



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2.1.4 Antenna Support Side Arms – Top Level, Paragraph A states to furnish (6) 6' side arms for the top level, also in sub-section 2.1.5 Antenna Feed line & Waveguide Supports, Paragraph A shows twelve (12) runs of 7/8" coax and two (2) runs of elliptical waveguide. Please clarify how many antennas, at what elevations and how many transmission lines this tower is to be designed to support?

**Response:** The tower should be designed, to hold up to:

(6) Andrew Decibel DB601 antennas at the 40 ft level. These antennas should be mounted to tower using 6' ft sidearms. Antennas will all be fed with 7/8" coax.

(3) Andrew Decibel ASP633 antennas mounted at the 35 ft level. Antennas will be mounted to the tower using 6 ft sidearms and fed with 7/8" coax.

(3) Andrew Decibel DB682 antennas mounted at the 25 Ft level. Antennas will be mounted using 6 Ft sidearms and fed with 7/8" coax.

(2) 8 ft solid microwave antennas mounted at the 38 ft level.. Both dishes will be fed with elliptical waveguide

**Question:** In Section 1, under 2. Products, within sub-section 2.1.2 Physical & Structural, Paragraph C states that the wind and ice loading shall be per TIA/EIA-222, latest edition. Is this tower to be designed in accordance with EIA-F or TIA-G? If TIA-G is the standard, what's the structure classification, exposure and topographic categories?

**Response:** The tower is to designed in accordance with TIA/EIA-222-G. The classification is a self supporting tower. The tower is located on the summit of Cadillac Mt. in Bar Harbor, Maine. The categories for this location are indicated in the TIA/EIA-222-G volume.

**Question:** In Section 2, under 2. Products, within sub-sections 2.1.2, 2.1.5, 2.1.6, 2.1.7, it calls for a minimum of 2 hours for a fire rating, can this be removed or lowered to a minimum of 1 hour for a fire rating?

**Response:** No, the specification for a 2 hour fire rating is required.

Consider this information prior to submitting your bid on March 28, 2007.

Sincerely,

  
Scott Bickford

Contracts & Specifications Engineer