

## ***Project Proposal Summary Sheet***

### **Project Title: Broadband Infrastructure Development - b) Second Landing Point and Carrier Hotel**

**Source of Proposal:** Telecommunications Authority of Trinidad and Tobago

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#### **Brief Description**

In order to improve the resilience in the 'off-island' connectivity for Trinidad and Tobago, the Authority is seeking to establish a second landing point for any future submarine cable systems which will also provide for the diversity of cable routes. The establishment of a Carrier Hotel is also proposed in order to house multiple cable systems, in addition to new submarine cable systems. The intention, after the establishment of this second landing point and carrier hotel, is that all operating costs shall be covered by revenues collected from leasing of the site by any future new cable systems.

The operating model should seek to attract the necessary funding to build out the system, but should be set up in a commercial arrangement that would not distort the competitive market. In essence, capacity should only be provided to domestic service providers and not directly to consumers. This operating model would remove the potential for anti-competitive behavior amongst market players. The project is a conceptual plan proposed by the Authority and may not be necessarily formalized in the form proposed, but it is likely that certain elements of the plan will be implemented.

#### **Beneficiary Country**

Trinidad and Tobago

#### **Project Objective(s)**

To establish a second landing point and carrier Hotel to assist in meeting national broadband targets.

#### **Expected Results**

Establishment of a second landing station Establishment of a carrier hotel Additional capacity to provide broadband speeds of 100Mbps to all citizens of Trinidad and Tobago.

**Estimated Start Date**

January 2015

**Estimated Duration**

60 months

**Estimated Budget**

USD 1,000,000

**Main Activities**

1. Site Selection: prospective sites for new landing points in Trinidad are along the south western coastline close to San Fernando and/or a location on the North East coastline. The sites in Trinidad would be preferable in order to provide for the diversity and robustness of the telecommunications infrastructure.
2. Civil Works: this landing point would be a green field site, so civil works will be needed to for road access, building, utilities and security.
3. Utilities: this site would require electricity, water, and sewerage utilities.
4. Carrier Hotel: the submarine cables at this landing point would terminate at a carrier hotel. The carrier hotel would be a building constructed to house up to five (5) cable systems, with the necessary utilities and security that would be needed for the landing point as well. This building should be designed to protect the cable systems from weather conditions and also provide the duct work needed to connect to the domestic transmission networks.