

Procurement and Launch of Afghansat-2 Satellite

Project Summary



PPP Model
Build-Operate-Transfer (BOT)



Project location
Kabul, Afghanistan.



Lead Agency
Ministry of Communication and IT (MoCIT), GoIRA



Capex:
US\$ 250M



Sector
Information and Communication Technology (ICT)



IRR:
1%



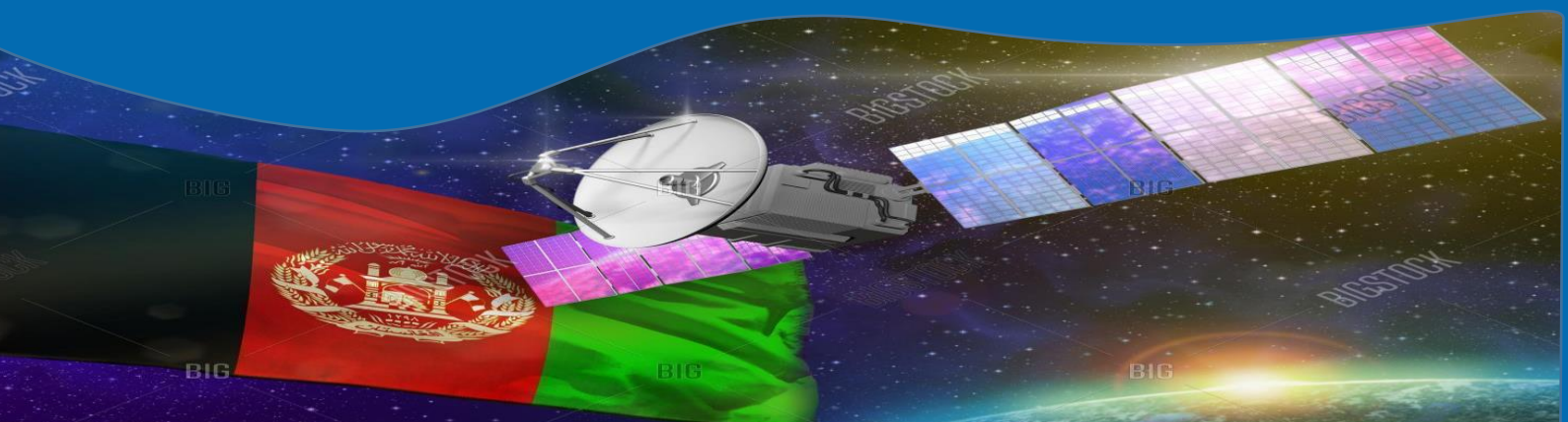
Contract Period
15 Years



NPV
US\$ -7.51M



Payback Period
6 Years



Project Description

Currently Afghanistan has only one rented Satellite named as Afghansat-1. It has 5 Ku band (extended range frequencies) transponders and is located in 48 degree east. It is annual revenue from only two transponder is US \$ 2.7MN.

Key Project Objectives

- To provide at least the following services to Afghanistan and under coverage region through Afghansat-2 satellite:
- Maintain the existing services of Afghansat-1 operational.
- Fixed services, broadband, mobile services.
- Telephone, audio, video and data, Direct-To-Home Digital TV.
- Wideband multimedia.

Opportunities

The services will include the following applications capabilities:

- DTH broadcasting system
- Ku VSAT system
- Emergency communication system
- GSM/3G/4G/5G backhaul
- Distance/e-Education system
- e-Government system
- e-Hospital system
- e-Voting system
- Communication for airfield
- Agriculture application system
- Border defense system
- Security communication system

Private Sector Opportunities

- Provide access to 50 degree east orbital location.
- Provide approvals/licenses of frequencies from the regulator within the country.
- Provide land and office space for Afghansat-2 ground equipment and personnel usage.
- Provide 100% salaries of national employees who works directly in the organization

