



An ISO 9001 : 2008 Port
ISPS CODE Compliant

MORMUGAO PORT TRUST
MECHANICAL ENGINEERING DEPARTMENT

CME/EDP/01

BUDGETARY OFFER FOR NETWORK SWITCH UPGRADATION WITH
10G AND 1G UPLINK AT MORMUGAO PORT TRUST

Budgetary offers are invited from OEM / authorised dealers who have carried out the work of Networking / Network upgradation. The documents containing the details of technical specification and Terms & Conditions can be down loaded from the Mormugao Port Trust website www.mptgoa.com.

The offer shall be submitted on or before **16.08.2017**.

CHIEF MECHANICAL ENGINEER
MORMUGAO PORT TRUST



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**BUDGETARY OFFER FOR NETWORK SWITCH UPGRADATION
WITH 10G AND 1G UPLINK AT MORMUGAO PORT TRUST**

Submission on or before 16.08.2017

Assistant Executive Engineer (EDP),
Mechanical Engineering Department,
Mormugao Port Trust,
1st Floor, Admin. Building,
Headland Sada Goa - 403804
Phone : (0832) 2594238 / 53
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BUDGETARY OFFER FOR NETWORK SWITCH UPGRADATION WITH 10G AND 1G UPLINK AT MORMUGAO PORT TRUST

1.0 INTRODUCTION

Mormugao Port Trust presently intends to upgrade its existing 1G and 100 Mbps network switches with 10G and 1G uplink.

2.0 SCOPE OF WORK

The scope of work includes:

- 1) Existing central Core switch has to be replaced with 2 nos. new 32 port “Layer 3” switch with 10G/1G OFC uplink.
- 2) Redundancy has to be configured between the two central core switches.
- 3) All the racks should have uplink from both the switches and work simultaneously; if one switch fails another switch should take over without any manual intervention.
- 4) V-LAN has to be configured in the central core switch as well as in the access switches.
- 5) Wireless access points have to be installed and centralised management, policies and maintenance has to be configured.
- 6) In the plant/port area OFC network has to be redesigned using existing OFC back bone and dependency on intermittent switches along the existing network path should be reduced as much as possible.
- 7) New OFC cable from core switches to network racks in AO building has to be laid for giving uplink for connectivity and splicing of OFC to be carried out wherever required. OFC cable will be supplied by the Port.
- 8) Unshielded Twisted Pair Cat 6 cable has to be laid through casing-capping where network points are not working or new additional network points required. The IO boxes, faceplate and keystones shall be provided by Port.
- 9) All the network points have to be tested and tagged with proper marking.
- 10) After completion of the execution, Vendor has to prepare the documentation (layout, termination etc.) and train the MPT staff for the maintenance. Also, one year support should be provided as and when required.

3.0 BUDGETARY OFFER

The OEM / authorized dealers shall submit their budgetary offer, as per the price schedule at **Annexure-I & II**, along with all technical details, delivery period, taxes and other applicable levies, if any.

4.0 SUBMISSION

The budgetary offer shall be submitted on or before **16.08.2017 at 11.00hrs** either by hand or post or by e-mail at following address:

Assistant Executive Engineer (EDP),
Mechanical Engineering Department,
Mormugao Port Trust,
1st Floor, Admin. Building,
Headland Sada Goa - 403804
Phone : (0832) 2594238 / 53
Email : cmeedp1@gmail.com