

HIGH COURT OF ORISSA: CUTTACK

Notice No. XXXIII-16/2016-22/ 17447 Dated: 12.11.2022

NOTICE OF TENDER FOR SUPPLY, INSTALLATION, TESTING, COMMISSIONING & MAINTENANCE OF 12 (TWELVE) NUMBERS OF DUAL BAND WIRELESS ROUTER-1200 MBPS WITH 1 PON, 2 GE PORT & 1 FXS PORT

High Court of Orissa, Cuttack invites bids in sealed envelope addressed to The Registrar (Judicial) for supply, installation, testing, commissioning & maintenance of **twelve numbers of Dual Band Wireless Router-1200 mbps with 1 PON, 2 GE Port & 1 FXS Port with one year warranty** as per the specifications mentioned in separate sheet of the Tender Document under the following terms and conditions:-

1. Supply, installation, testing, commissioning & maintenance of **twelve numbers of Dual Band Wireless Router-1200 mbps with 1 PON, 2 GE Port & 1 FXS Port with one year warranty** is to be made by the successful bidder within two days after award of the purchase-cum-work order.
2. The bidder must provide all necessary technical support services for the supplied items till expiry of warranty period, if any.
3. In case where the aforesaid items become non-functioning during the validity of warranty period, the successful bidder must replace the same with new one.
4. The bids should be valid for 90 days.
5. Conditions violating in any forms/ manner from the Agreement elicit penalty without assigning any reason thereof. Work must be fit to the timeline to be completed.
6. Timely Servicing / rectification of defects during warranty period: after having been notified of the defects/ service requirement during warranty period, vendor has to complete the required Service / Rectification within 2-days time limit.
7. Price quotations should be submitted only by hand to the **Registrar (Judicial), High Court of Orissa, Cuttack** on or before 05.12.2022 at 3.30 PM. Quotations received after last date and time of submission shall not be considered. Price bids of technically qualified bidders shall be opened in presence of representatives of bidders.

8. Important Dates/ Time:-

Start date: 12.11.2022;

Last Date of submission of price quotations: 05.12.2022 till 02.00 PM;

Date and Time for opening of price quotations: 05.12.2022 at 03.30 PM.

9. Authorized representatives of the bidders may remain present at 3.30 PM on 05.12.2022 for witnessing the opening of price quotations.
10. The Court shall take into consideration eligibility of a bidder while considering the price quotation.
11. The price quotation of ineligible bidders shall not be opened/ considered.
12. High Court of Orissa reserves the right to amend or withdraw any of the terms and conditions mentioned as above or to reject any or all tenders without giving any notice or assigning any reason thereof.
13. The bidder must provide the quoted make and model with detailed technical specifications.
14. High Court of Orissa reserves the right to demand additional quantity as and when required with the same price and terms and conditions.

Sd/-

Registrar (Judicial)

Memo No. XXXIII-16/2016-22 - 17448 (2) Dated: 12.11.2022

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1. High Court of Orissa Notice Board
2. High Court of Orissa Website

Manoj
12/11/2022

Central Project Coordinator

Technical Specifications:-

HARDWARE PARAMETER:

PON interface

- 1 XPON port
(EPON PX20+ and GPON Class B+)
- SC Single mode
- TX optical Power: 0 to 4 dBm
- Transmission distance : 20 km
- RX : 2.488 Gbps , TX : 1.2488 Gbps

Wavelength

- Tx-1310nm, Rx-1490nm

Optical interface

- SC/UPC connector

RX sensitivity

- -8 to -25 dBm

WLAN

- Compliant with IEEE 802.11 b/g/n/ac standard, 1200 Mbps
- Support 4x4 MIMO
- External 5dBi antennas

LAN interface

- 2 * 10/100/1000 Mbps auto adaptive Ethernet interface, RJ45 connectors, 1 POTS RJ11 Connector

Indicators : 9

- PWR, PON, LOS, WAN, LAN1, LAN2, 2.4G, 5G, PHONE

DC power supply

- +12V, 1.5A, external AC-DC power adaptor

Operating condition

- Operating temp: 0 ~ +55°C
- Operating humidity: 10 ~ 90% (non-condensed)

Storing condition

- Storing temp: -30 ~ +60°C

Technical Specifications:-

- Storing humidity:10~90% (non-condensed)

Internet connection

- Support Bridge, Route and Bridge/ Route mixed mode

VLAN

- Support VLAN tag mode
- Support VLAN trunk mode
- Support VLAN translation

Multicast

- Support IGMP v1/v2/v3 snooping / proxy
- Support MLD v1/v2 snooping / proxy

QoS

- Support 4 queues
- Support SP and WRR
- Support 802.1P
- Support DSCP

L3

- Support IPv4, IPv6 and IPv4/IPv6 dual stack
- Support DHCP/PPPOE/Static
- Support Static route
- Support DHCP Server
- Support NAT
- Support DMZ
- Support Virtual Server
- Support DDNS

Security

- Support Firewall
- Support MAC filter based on MAC or URL
- Support ACL

VoIP

- Call protocol: SIP(IMS compatible) seamless compatible with all popular call agent
- Integrate heartbeat function and support active/standby call agent
- Voice coding: ITU-T G.711/G.722/G.729, auto-negotiate with call agent
- Echo cancellation exceeding ITU-T G.165/G.168-2002, up to 128ms tail length
- Support high/low speed fax, bypass fax and T38 fax
- Support high speed MODEM(56Kbps) dial access
- Support RFC2833 and redundant RFC2833, difference rings, Md5 authentication, call forward, call waiting, hot-line call, alarm clock, and all kinds of value-added voice service
- Multi-party conferencing

Wireless

- Support Wireless AP mode
- Support 802.11 b/g/n/ac
- Support Multiple SSID
- Support Wireless encryption

Management

- OAM/ OMCI
- Telnet
- WEB
- TR069
- Support full management of HGU functions by DIGISOL OLT

Dimensions

- 178mm x 120mm x 30mm (LxWxH)

Net Weight

- 0.32kg