

Biju Patnaik Computer Centre
BERHAMPUR UNIVERSITY
Bhanjabihar, Odisha 760 007.

Notice inviting Expression of Interest (EoI):
Installation of Wi-Fi

No.13/BPCC(Inet)/BU/24

Dt.12.03.2024

Sealed Expression Interest (EoI) from interested Government Internet Service Providing (ISP) agencies are invited for installation of Wi-Fi services in the campus of the University. The interested agencies need to make a detailed campus survey on any working day in between 11:00 AM to 5:00 PM with effect from 14.03.2024. The last date of receiving the filled-in EoI by Speed/Registered post is **15th Apr 2024**.

The Expression of Interest must be submitted in two separate sealed envelopes super scribing as (i) Technical Bid, and (ii) Financial Bid respectively. Both these envelopes must be put in a separate sealed envelop mentioning "**EoI: No.13/BPCC(Inet)/BU/24 Dt.12.03.2024**".

Brief Description on the setup:-

Existing:

Connectivity: NMEICT NKN 1 Gbps

Area coverage: A few selected areas of Academic and Admin Buildings

Router: JUNIPER 10i, supplied and installed by NIC in the **year 2012**

Firewall: Gjshield

REQUIREMENTS TO BE TAKEN CARE OF IN THE EOI:

Campus **Area** in Sq Km: 6.25 (Approx)

No of Users: Total: 3,000 (Approx), Concurrent: 1,500

No of Buildings: 55 (Approx)

No of Open area zones: 15

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12/03/2024
Director
Computer Centre

The agencies while making the campus survey must consider the following points:

- (i) **Area coverage:** All academic and administrative buildings including all hostels, Residence of VC and Guest House, Sports Council, Auditorium, etc and all Centres and selected open areas.
 - (ii) **Laying of Optical Fibre Cable (OFC):** The said agencies may be asked to give their proposal both for (i) **Overhead** Laying of OFC and (ii) structured **underground** laying of OFC separately.
 - (iii) **Installation network switches:** The racks and network switches may be installed in the common rooms e.g.; office rooms of every building keeping in view the ease of maintenance.
 - (iv) **Deployment of manpower:** The agencies may be asked to deploy at least two technicians on site for a period of 3/5 years for smooth maintenance of the network. The charges for this may be mentioned separately.
1. **Warranty** on materials: All items should cover warranty for a period of 3/5 years. Prices should be mentioned separately.
 2. **Topology:** The network should be designed basing on **Ring topology** with redundancies.
 3. **Items:** The EoI must incorporate new Router, Firewall Unit, NMS, Controlling and Monitoring Unit with Software, L3 and L2 managed PoE switches besides other h/w and s/w items.
 4. **Furnishing of Site:** The site specified by the university should be furnished to house h/w and s/w.
 5. **Alternate Internet Connectivity:** The agencies should include charges for a 500 Mbps leased line (1:1) separately for getting uninterruptible Internet service for a period of 3/5 years so that the e-Services of the university would be least affected.
 6. **Additional services using the same network:** The agencies may submit separate estimate for running additional services such as CC Cameras at sensitive zones using the same network.
 7. **Make and Model:** In the EoI, the agencies are required to mention about Make and model of active and passive items to be supplied and installed in the Bill of materials.
 8. **Standard** of laying/terminating OFC and UTP, fixing Racks, IOs, IAPs, OAPs, etc should be mentioned.
 9. **Presentation:** The shortlisted agencies may be asked to make a presentation with regard to their offer before a panel within short notice.
 10. **Agreement:** The selected agency may be asked to enter into a tripartite agreement (among the University, Selected agency and the vendor) on:

- Supply of materials
- Installation, configuration, testing and commissioning
- Time w r to completion of the project and warranty
- Payment terms and conditions
- Imposition of Fine, etc

11. **Maintenance:** Mode of maintenance after expiry of warranty

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12/03/2024
Director
Computer Centre
Mambour University