



ରାମାଦେବୀ ମହିଳା ବିଶ୍ୱବିଦ୍ୟାଳୟ, ବିଦ୍ୟା ବିହାର, ଭୁବନେଶ୍ୱର
Rama Devi Women's University, Vidya Vihar,
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No. 6879 / Dt. 7.10.24

Notice inviting Expression of Interest (EOI)

Installation of Wi-Fi and LAN

The previous EoI notice (No. 4416, Dtd. 05. 07. 2024) is hereby cancelled. Sealed Expression Interest (EoI) from interested **Government Internet Service Providers (ISP)** are invited for installation of Wi-Fi services (in the hostels) and upgradation in the academic and administrative buildings alongwith LAN connections in the campus of the University. The interested agencies may make a detailed campus survey on any working day in between 11:00 am. To 05:00 pm. with effect from 08.10.2024 to 22.10.2024. The last date of receiving the filled-in EoI by Speed Post / Registered Post is **23.10.2024 (05:00 P.M.)**.

The Expression of Interest must be submitted in two separate sealed envelopes super scribing as (i) Technical proposal and (ii) Financial proposal respectively. Both these envelopes must be put in a separate sealed envelopes mentioning “**EoI Proposal for implementation of Wi-Fi and LAN for Rama Devi Women's University, Bhubaneswar**”.

EoI documents and details of services required can be downloaded from the University website (<https://rdwu.ac.in>). The authority reserves the right to accept /cancel any EoI(s) without assigning any reason thereof.

Shapaha
Registrar 07/X/2024

Memo. No. 6880 Dt. 7.10.24

Copy to CoF /OIC, Purchase /OIC, Website with a request to upload in the University Website/ Director, IQAC/ Dy. Registrar (Estt. & Admn.) / P.S. to VC for kind information of Vice Chancellor.

Shapaha
Registrar 07/X/2024

Call for Expression of Interest (EOI)

Installation of Wi-Fi and LAN

Schedules:

Campus Survey	08.10.2024 to 22.10.2024 (11 A.M. to 5 P.M.)
Submission of Queries, if any	22.10.2024
Last Date of EoI submission	23.10.2024 (5 P.M.)
Date of Presentation	24. 10. 2024 (11:30 A.M. onwards)

Brief Description on the setup:-

Existing:

Connectivity: 1 Gbps (1:1) ILL provided by BSNL through OFC in the year 2023

Area coverage: A few selected areas of Academic Building (I, II, III), Library building, Administrative Building, Auditorium, Skill Development Centre and Old Home Science Building

Wireless Access point: Sophos/Netgear, supplied and installed by BSNL in the year 2021

Firewall: Sophos XGS 3300 UTM Firewall with 03 years fullguard licence

Requirements to be taken care of in the EoI:-

Campus Area in Acre: 23 acres (Approx)

No. of Users: Total : 3000 (Approx.), Concurrent Users: 1000

No of Buildings: (a) 06 Numbers of hostels (New Infrastructure Development with new 1Gbps Internet lease line connection to cater 1000 hostel inmates users; (b) Enhancement of existing infrastructure in academic buildings (I, II, and III) with additional LAN connections in offices

No of open area zones: 06

Network Security Features: All the network gears must provide security.

Integration with existing network infrastructure:

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

- (i) *Area coverage:* Enhancement of Wi-Fi connectivity in existing academic buildings (I, II, III) and Administrative buildings, Central Library, Maa Rama Devi Auditorium and Old auditorium, Skill Development Centre, Old Home Science Building. New Coverage in all six hostels with new 1Gbps Internet lease line connection to cater 1000 hostel inmates users and selected open areas (for Open Pandal, Main Gates, with Digital walls).

- (ii) *Laying of Optical Fibre Cable (OFC)*: The said agencies shall give their proposal for structured underground laying of OFC in all hostel areas and relevant open areas.
- (iii) *Installation of network switches*: The racks and network switches may be installed in the common accessible area e.g. office rooms/lobby of every building keeping in view the ease of maintenance.
- (iv) *Installation of LAN Points (5G LAN)*: Additional LAN points shall be installed in academic buildings and offices of Administrative building, one in each officers/ Faculty rooms for ensuring speed internet access.
- (v) *Deployment of manpower*: The agencies may be asked to deploy one technical assistant on site for a period of 05 years for smooth maintenance of the network. The remuneration charges of the technical assistant may be included in the estimate.

1. **AMC and Warranty on materials**: All items should cover warranty and AMC for a period of 3 years from the date of commissioning. Prices should be mentioned separately.
2. **Topology**: The network should be designed basing on Ring topology/Bus Technology with 1000 B.T redundancies.
3. **Items to be published in the EoI**: 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.

Sl. No.	Item	Quantity (tentative)	Make
1	Access Point	Maximum 200	Cisco/Similar Brand
2	24 Port POE Switch		Cisco/Similar Brand
3	UTP cat-6 Cable (fast ethernet) 1000 B.T		
4	1 KVA UPS		Hitachi/Similar Brand
5	2 KVA UPS		Hitachi/Similar Brand
6	6U Rack with Accessories		
7	9U Core Armoured OFC Cable		
8	6 Core Armoured OFC Cable		
9	40 mm HDPE PLB Underground		
10	6 Port LIU		
11	OFC HCLC Patch Cord		
12	1G Transceiver SFP module		
13	PVC Conduit		
14	IO Box		
15	SFP Module		

16	Load Balance with Firewall with 5 year License		
17	100 (Hundred) numbers for LAN connections for offices/Faculty rooms		
18	1 Gbps data with 1: 1 downloading and upload capacity		
19	ILL 5 years recurring bill 2 Gbps= (1 Gbps existing and 1 Gbps new connection)		
20	Installation, Integration and commissioning Charges		
21	Dedicated Technical Assistant for 05 years who will work during the working hour of the University		
22	AMC for 3 (Three) years		

Financial proposal shall be as follows:

Sl. No.	Item	Make & Model	Quantity	Unit Price In Rs.	UOM (Unit of Measurement)	GST (in Rs.)	Total Price (in Rs.)

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 2Gbps leased line (1:1) separately for getting uninterrupted Internet service for a period of 5 years so that the e-Service of the University would be least affected.
6. **Make and Model:** In the EoI, the agencies are required to mention about Make and model (preferably Cisco/Hitachi/Juniper/Digisol/D-link/similar brand as the case may be) of active and passive items to be supplied and installed in the Bill of materials.
7. **Standard of laying** / terminating OFC and UTP, fixing Racks, IOs, IAPs, OAPs, etc. should be mentioned.
8. **Presentation:** The shortlisted agencies may be asked to make a presentation with regard to their offer before a panel on scheduled date. Presentation must be prepared on technical and financial proposal.
9. **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. t completion of the project and warranty.
 - ❖ Payment terms and conditions

❖ Imposition of Fine, etc

❖ Service Level Agreement (SLA) must be signed by the selected agency

10. Other Terms and Conditions:

- Valid OEM (Original Equipment Manufacturer) authorization is needed in order to claim warranty and service
- Order copies of the firm from institution of repute for doing similar types of jobs, preferably at Universities
- Interested firms may visit the University campus on any working day to have an idea of existing network in the campus for smooth integration with the existing infrastructure.



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Rama Devi Women's University, Vidya Vihar,
Bhubaneswar, Odisha-751022

PROFORMA TO BE FILLED BY THE WI-FI SERVICE PROVIDER

1. Name of the Agency with address: _____
2. Contact Person / Authorised signature: _____
3. Address with Tel. / E-mail ID: _____
4. GST Registration No.: _____ (attach Proof)
5. PAN No.: _____ (attach Proof)
6. Provide three reference of similar works executed recently, preferably in Govt.
organization/similar set up (attach certificates of successful completion)
 - i) _____
 - ii) _____
 - iii) _____
7. Undertaking to be governed by India Laws: A declaration on the Agency Letter Head
duly signed by the Authorised signatory.
8. Whether all the terms & conditions of EoI Notice of RDWU are acceptable: Yes / No.:

9. Details of documents submitted : _____

Signature

(Name of Agency with
stamp)

Place:

Date: