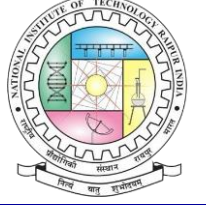




# राष्ट्रीय प्रौद्योगिकी संस्थान रायपुर NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR

(An Institute of National Importance)  
Under Ministry of Education, Govt. of India



No: NITRR/S&P/CCC/Misc/2024/1247

Raipur, Dated 13/11/2024

## **Open enquiry from TSPs / ISPs for provisioning of WiFi services in the institute campus starting with the 800-seater Sirpur Boys Hostel in NIT Raipur campus**

Offers are invited from bidders who comply with the following points.

### **Minimum Standards for the Provisioning of Wifi Service in the Campuses**

- a) **The role of the TSPs:** The TSP desirous of participation in this effort shall be responsible for the following:
- Conduct the site survey, design, build-own-operate and manage state-of-the-art carrier grade Wi-Fi services at the Institution campus, meeting the optimal coverage and adequate capacity to serve the data download requirements of the students, teaching and non-teaching staff at the campus.
  - Deploy network equipment which shall have carrier grade features such as High Availability, High Reliability, Multiple Redundancy levels, Low Maintenance and Low MTTR.
  - Set up network inside the college, which would consist of optical fibre, Access switches, Wireless Access Points, Security equipment (UTM and Firewall) etc meeting the cost from his own resources. The fibre should also be made available to the institution free of cost for running the campus LAN.
  - Provide Wi-Fi services that support the centralized provisioning, monitoring and enforcing the policies for the subscribers with associated 24\*7 monitoring of the network infrastructure on end-to- end basis covering access, backhaul and internet gateway facilities.
- b) **Service Standards:** The TSPs shall maintain the following service standards:
- The TSP should offer free data, which shall not be less than 1 GB per month per user (student, faculty and staff) in the university/Institute/college for the entire period of this arrangement.
  - The data speed should not be less than 4 Mbps.



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- iii. WiFi service shall be available at the hotspots selected by the Institution.
- iv. Each user shall be allowed a minimum of two devices (Laptop/Smartphone) concurrently.
- v. The broadband network of the TSP should be interconnected to the National Knowledge Network (NKN) at their own cost, so that access to the Educational resources connected to NKN is available to all users from the colleges.

## c) Condition of Provision of Service

- i. The TSP would not have any exclusivity to provide service in the University/Institute/College.
- ii. The TSP is free to offer any other service which is permitted under their licence. The users would be free to select the service and tariff package of their choice.
- iii. The TSP would be responsible for maintaining the user and other records as required under the law/regulations
- iv. The TSP shall comply with all mandatory government of India regulations and security guidelines to provide information on WiFi sessions upon such request to Law Enforcement Agency (LEA)

## d) Role of the Institution:

- i. The university/institute/college would provide space and give permissions for laying the fibre, installing the switches, UPS etc free of cost.
- ii. The college would provide electricity for operating the equipment.
- iii. Provide data about the users (students/faculty/admin staff) for the purpose of giving access to WiFi.

**Logs:** Active user access logs maintained for six months and archived for service duration in institute.

**Basic Network Security and Controls:** Antivirus, Anti-malware, Firewall, Intrusion prevention, Bandwidth Control, VPN, Web filtering, DLP, user and guest security policy which will be communicated by institute from time to time, etc.



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**User/Subscriber Portal:** Subscriber registration with KYC documents, verification as valid institute / hostel user, provide subscriber current data usage status, subscriber service and tariff package selection, and subscriber complaints management

**Admin Portal:** View, download, and print support only for user internet access logs and for checking device status.

**Standards:** Government / public sector BSNL standards will be followed for design, networking and equipment. Underground fiber laying in the campus outdoors.

**Financial Implications:**

The facility is to be provided by the TSP or ISP at their own cost, there shall be no financial implications to the institution on account of implementation of the project.

**Duration of Service:** Arrangement will be renewable yearly on the basis of satisfactory performance.

**Note:** Before submission of their proposals/ offers, TSPs / ISPs are invited to come prepared for a discussion on the fourteenth day from the date of this enquiry (counting the date of this enquiry as zeroth day) or the next working day if the fourteenth day happens to be a holiday at 3.00 PM in the H-Hostel.

**Final Date of Submission of Proposals/ Offers:** Thirty-five days from the date of this enquiry (counting the date of this enquiry as zeroth day) or the next working day if the thirty fifth day happens to be a holiday by 3.00 PM in the Store and Purchase section in a sealed envelope with the title of the enquiry.

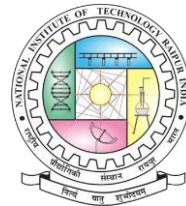
Kindly note that this is not an open tender and institute is seeking to engage TSPs / ISPs for provisioning of WiFi services in the institute campus in accordance with the relevant Govt. order.

Sd/-  
Registrar  
National Institute of Technology  
Raipur C.G.



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## Commercial Terms for TSP/ISP

S. No.	Terms
1.	TSP/ISP shall be licensed by the Department of Telecom for providing broadband services.
2.	The TSP/ISP license should be current and valid.
3.	The facility is to be provided by the TSP/ISP at their own cost, there shall be no financial implications to the institution on account of implementation of this project.
4.	The TSP/ISP shall maintain the Minimum Standards for the Provision of WiFi Service in the Campus in accordance mentioned in this enquiry.
5.	The TSP/ISP would be responsible for maintaining the user and other records as required under the law / regulations.
6.	The TSP shall comply with all mandatory government of India regulations and security guidelines to provide information on WiFi sessions upon such request to Law Enforcement Agency (LEA).
7.	TSP/ISP shall have valid PAN and GST numbers.