
NPIU

Expression of Interest

for

Empanelment of Service Providers for Wi-Fi Services in the TEQIP-III Institutions

20th December 2017

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The Ministry of Human Resource Development (MHRD) and the World Bank is implementing a Project, "Technical Education Quality Improvement Programme, Phase-III (TEQIP-III)" with the objective of improving the quality of Technical Education in the country. The project is being implemented through MHRD unit, National Project Implementation Unit (NPIU).

Project Implementation Plan for TEQIP-III envisages different reforms for improving students learning and employability of students studying in Government and Government aided institutions from focus states participating in the project. The Ministry of Human Resource Development (MHRD) proposes to convert the institutions under the TEQIP-III into Digital Campus so that the students and faculty of these institutions can access educational contents. The Digital campus presupposes existence of high speed internet access and Wi-Fi facility that would help all the students/faculty to access the same from their laptop and mobile.

In this regard, NPIU invites Expression of Interest (Eoi) from eligible service providers to indicate their interest in providing the Wi-Fi services for students. Interested Parties are advised to refer eligibility criteria as mentioned in this document. A Service Providers will be selected in accordance with the procedures set out, in the World Bank's Guidelines: Selection of Employment of Consultant by World Bank Borrower. Interested Service provider/ consultancy firms may submit "Expression of Interest" in a sealed envelope clearly superscripted as "Expression of Interest (Eoi) for providing Wi-Fi services" and may obtain further information about the services, procedures for submitting the Eoi etc. at npiuwb@hotmail.com or 0120-2513921/936.

Expressions of Interest must be delivered in **Annex-2 & 3** to the address below on or before dated 25/01/2018 by 5 PM. A pre-proposal meeting shall be held on 03/01/2018 at 2 PM at NPIU conference Hall. Incomplete proposals and proposals received after the prescribed last date will not be entertained. The last date of receiving the sealed Eois should be strictly adhered to. The Eois received after the last date will not be opened and no further action will be taken on such Eois. However, if the last date is declared as holiday, the next working day on which office is opened will be treated as the last date of receiving the Eois. The Eois should either be sent by post or delivered physically in the office of client. No plea/request made over phone/fax/E-mail that Eoi is in transit and be accepted due to postal delay etc. shall be entertained. In the interest of agency, it is advised that the Eois should be sent well in advance before the closing date for receiving Eoi. NPIU shall not be responsible for any postal/courier delay.

Address :

National Project Implementation Unit

Consultant (Procurement)

EDCIL House, 4th Floor, Plot [No. 18-A, Sector 16-A](#)

NOIDA-201 301, Uttar Pradesh

Phone: 0120-2513928, EPABX No. 0120-2513921, 2513946, Fax Nos. 0120-2513926, 2512485

Email : npiuwb@hotmail.com, Web : www.npiu.nic.in

The NPIU does not bind itself to accept all proposals on any proposals and reserves the right of accepting the whole or any part of the proposals or portion of the quantity offered. The NPIU reserves the right to reject any or all offers received in response to Eoi or cancel or withdraw the notice without assigning any reason, whatsoever.

The panel/list of service providers shall be prepared by NPIU and the services shall be procured by the respective institutes (clients) based on the rates decided by NPIU. The respective institutes shall contact appropriate empanelled service provider and the program shall be executed after issue of appropriate work order by the institutes.

TERMS OF REFERENCES (TORs) FOR INVITATION OF EoIs FOR
“Empanelment of Service Providers for Wi-Fi Services in the TEQIP-III Institutions”

The objective of this Expression of Interest (Eoi) is to set up a modern state-of-the-art Wi-Fi service facility in the TEQIP III project institutions in OPEX model** based. The Wi-Fi service may be with either Outdoor or Indoor type Wi-Fi devices or with a combination of both to get optimum coverage area and must support secure and reliable network access to data, voice and video applications for students, faculty, staff and visitors as well.

- a) The proposed Wi-Fi services should support different type of user devices and gadgets ranging from Desktops, Laptops, Tabs, Smartphones, etc.
- b) The Wi-Fi services should be seamlessly integrated with the existing Campus LAN and all services thereof.
- c) The services should effectively load balance traffic during peak usage period.
- d) There should be a suitable security mechanism to detect/ protect un-authorized access to the network.
- e) There should be a mechanism to log and report activities performed by Wi-Fi clients over certain period of time

2. The target is to seek offers from Service Providers (SP) for providing Internet connectivity through Wi-Fi access service in the Higher Educational institutions covered under TEQIP-III. The infrastructure required for the facility shall be provided and maintained by the SP and there would be no financial contribution by the Central/State Governments/HEIs in the project. The institutions would however, play the role of facilitators for the successful implementation of the project.

The service shall consist of Wi-Fi connectivity which may be given in one go to students. The broad objectives of the service shall be as given below:

- a) Provide educational contents through internet with specified band width for uploading and downloading
- b) Access educational content through SWAYAM, National Digital Library and other online resources.

2. An outline of the tasks to be carried out: The participating institutes are from focus states i.e. North East (15), J & K (4), HP (4), UP (16), Bihar (7), Chhattisgarh (4), MP (7), Uttarakhand (7), Jharkhand (4), Odisha (5), Rajasthan (11), and Andaman & Nicobar (1). The service provider has to provide training/ teaching to the pre-final / final year undergraduate students studying in Government and Government aided institutions (numbers indicated in brackets) from participating States in the project on the subject details given in this document. The list of institutes is given in **Annex-1**.

The Ministry of Human Resource Development (MHRD) proposes to convert the institutions under the TEQIP-III into Digital Campus so that the students and faculty of these institutions can access educational content through SWAYAM, National Digital Library and other online resources. The Digital campus presupposes existence of high speed internet access and Wi-Fi facility that would help all the students/faculty to access the same from their laptop and mobile. The details of the institutions under TEQIP-III are at Annexure.

*** In the OPEX model, the Seller provides the goods, maintains it and also provides the consumables as required and finally takes back the goods after useful / contracted life. The expenditure is made by the Buyer in a staggered manner as per the terms and conditions of the contract.*

3. Schedule of task

The schedule of task shall be mutually decided by SP and client institute after issue of work order. However, the SP has to ensure that the said service is provided to the students and faculties within 90 days after signing of agreement.

4. Support and input provided by the client:

a. Client (participating college) responsibility:

1. The Institution would provide layout of campus and give permissions for laying the fibre, installing the switches, UPS etc. free of cost.
2. The college would provide electricity, etc. for operating the equipment.
3. Provide data about the users (students/ faculty/ admin staff) for the purpose of giving access to Wi-Fi.

b. Service Provider's responsibility:

- (i) 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.
- (ii) Deploy network equipment which shall have carrier grade features such as High Availability, High Reliability, Multiple Redundancy Levels, Low Maintenance and Low MTTR.
- (iii) Set up network inside the college, which would consist of optical fibre (minimum 2 pairs), 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 Institute free of cost for running the campus LAN.
- (iv) Provide Wi-Fi Services that support the centralized provisioning, monitoring and enforcing the policies for the subscribers with associated 24x7 monitoring of the network infrastructure on end-to-end basis covering access, backhaul and internet gateway facilities.
- (v) The empanelled agency shall be responsible for catering to the institutions included in Annex1. The denial shall invite action to the extent of withdrawal from panel.
- (vi) Service Standards: The SPs shall maintain the following service standards:
 - The SP should offer free data download, which shall not be less than 5 GB per month per user (students and faculty), in the University/ Institute/ College for the entire period of this arrangement.
 - The data speed should not be less than 4 Mbps.
 - The Broadband bandwidth provided to the institution should not be less than 1Gbps.
 - The number of Wi-Fi Access points provided in the campus should not to less than one Access Point for every 15 users (students/faculty)
 - Wi-Fi Service shall be available at the hotspots selected by the Institution.
 - Each user shall be allowed a minimum of two devices (Laptop/ Smartphone) concurrently.
 - The broadband network of the SP 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.
- (vii) Condition of provision of service:
 - The SP would not have any exclusivity to provide service in the University/ Institute/ College.
 - The SP 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.
 - The SP would be responsible for maintaining the user and other records as required under the Law/ Regulations.
 - The SP shall comply with all mandatory Government of India Regulations and Security Guidelines to provide information on Wi-Fi sessions upon such request to Law Enforcement Agency (LEA).

5. **Final output required of the consultancy organization:** The SP has to ensure that it provides the services with respect to efficiency and availability of Wi-Fi services with no downtime.

6. **Composition of review committee**

- The institute shall constitute Review Committee which will consist of at least three members. The Review Committee may contain student representative from each department.
- Review Committee may have representative of service provider.
- Review Committee shall meet on weekly basis and discuss the services, student feedback and take corrective action appropriately.
- The final settlement of training fee shall depend on the basis of satisfactory performance in view of student feedback.

7. **Eligibility Criteria:**

Before submitting the request, the organizations must ensure that they are meeting the following minimum eligibility criteria.

S. No.	Eligibility Criteria for the service provider	Documents for evidence
1	Applicant/ agency have to undertake to be governed by Indian laws	A declaration on the company letter head duly signed by the authorized signatory
2	Experience of providing broadband services to institutions is visible.	Work order/subscription order
3	The SP should a licensed Telecom Service Provider (TSP) or Internet Service Provider (ISP) licensed by Department of Telecommunication, Govt of India, to provide Broadband services to customers.	Certificate or Licences
5	In the case of ISPs they should be at least a Class B ISP or authorized to provide broadband service within a State.	Certificate or Licences
6	The adjusted gross revenue report for 2016-17 should be at-least Rs. 1.00 Crore.	Certificate from statutory auditor

The eligibility criteria given in EoI is minimum. Preference would be given to vendor having higher qualification and based on relevant experience of vendor.

Short listing criteria

- The submitted EOI will be evaluated by a team of experts from NPIU/ MHRD/ other institution and the industry.
- The experts may reach out to applicants for additional information, if needed.
- The organizations/agency whose proposal is found suitable, will be shortlisted and invited for submitting detailed Technical & financial proposal.
- The final selection shall be made on QCBS method by evaluating the technical and financial proposal which is to be submitted by the shortlisted agencies.

Interested vendors/ companies responding to the EOI must provide information (brochures, organization details, short description of similar/relevant assignments including associated quality statistics indicating that they are qualified to perform the above-mentioned services.

COPIES OF RESPONSES

- Respondents must submit two hard copies and one soft copy in CD/DVD/pen-drive, of their response to this EoI in Annex 2&3 to the designated point of contacts by 25/01/2018 by 5 pm.
- Agency must enclose a covering letter on Agency's Letter Head while sending the EoI.
- In case desired documents/proofs are not enclosed or information as asked for is not given, the EOI shall be rejected and no clarification/enquiry will be sought/made.
- A content page should be added in the EoI. All pages of EoI should have serial number and initialled on each page. A separator may be placed between each Part of the EoI.

NOTE: Please ensure that the size of the response shall not exceed 20 pages (excluding enclosures).

TEQIP-III List of Institutions (Sub-component 1.1)		
S. No.	State	Institute
1	Andaman & Nicobar Islands	Dr. B.R. Ambedkar Institute of Technology, Pahargaon, Port Blair, Andaman & Nicobar Islands
2	Assam	Assam Engineering College, Kamrup
3		Bineswar Brahma Engineering College, Kokrajhar
4		Dibrugarh University Institute of Engineering & Technology, Dibrugarh
5		Guwahati University Institute of Science & Tech, Assam
6		Jorhat Engineering College, Jorhat
7		Jorhat Institute of Science & Technology, Jorhat
8		Bihar
9	Darbhanga College of Engineering, Darbhanga	
10	Gaya College of Engineering, Gaya, Sri Krishna Nagar	
11	Lok Nayak Jay Prakash Institute of Technology, Chapra, Bihar	
12	Motihari College of Engineering, Motihari	
13	Muzaffarpur Institute of Tech, Muzaffarpur	
14	Nalanda College of Engineering, Chandi, Nalanda	
15	CFTI	
16		IIIT Manipur
17		NIT Agartala
18		NIT Arunachal Pradesh
19		NIT Manipur
20		NIT Meghalaya
21		NIT Mizoram
22		NIT Nagaland
23		NIT Sikkim
24		NIT Srinagar
25	Chhattisgarh	Government Engineering College, Bilaspur
26		Govt Engineering College, Jagdalpur
27		Govt Engineering College, Raipur
28		Vishwavidyalaya Engineering College, Lakhapur
29	Himachal Pradesh	Atal Bihari Vajpai Govt Institute of Engineering & Technology, Shimla
30		Jawaharlal Nehru Govt. Engineering College, Sundernagar
31		Rajiv Gandhi Government institute of Engineering & Technology, Kangra
32	Jammu & Kashmir	Baba Ghulam Shah Badshah University, Rajouri
33		Govt. College of Engineering & Technology, Jammu
34		Islamic University of Science & Technology, Pulwana
35		Shri Mata Vaishno Devi University, Katra
36	Jharkhand	Birla Institute of Technology, Mesra Ranchi
37		BIT, Sindri
38		Techno India Dumka
39		Techno India Ramgarh
40		Techno India, Chaibasa, Jharkhand
41		University College of Engineering and Technology (UCET), Vinoba Bhave University, Hazaribag, Jharkhand
42	Madhya Pradesh	Indira Gandhi Engineering College, Sagar
43		Jabalpur Engineering College, Jabalpur
44		Madhav Institute of Technology & Science, Gwalior
45		Rewa Engineering College, Rewa
46		Samrat Ashok Technological Institute, Engg. College, Vidisha(M.P.)
47		Shri G S Indore Institute of Technology & Science, Indore
48		Ujjain Engineering College, Ujjain
49	Manipur	Manipur Technical University, Imphal

TEQIP-III List of Institutions (Sub-component 1.1)

S. No.	State	Institute	
50	Odisha	CET Bhubaneswar	
51		Government Engineering College, Kalahandi	
52		Government Engineering College, Keonjhar	
53		IGIT Sarang	
54		PMEC Berhampur	
55		VSSUT Burla	
56	Rajasthan	College of Engg & Technology, Udaipur	
57		Govt Engg College, Ajmer	
58		Govt Engg College, Bharatpur	
59		Govt Engg College, Jhalawar	
60		Govt Mahilla Engg College, Ajmer	
61		Govt. College of Engg & Tech, Bikaner, Rajasthan	
62		Govt. Engineering College, Banswara	
63		Govt. Engineering College, Bikaner	
64		MBM Engg College, Jodhpur	
65		MLV Textile & Engineering Colege, Bhilwara	
66		University College of Engineering, RTU Kota	
67		Tripura	Tripura Institute of Technology, Narsingarh, Tripura
68		Uttar Pradesh	Bundelkhand Institute of Engineering & Technology, Jhansi
69	Dayalbagh Educational Institute (Deemed University) Dayalbagh, Agra		
70	FET MJP Rohilakhand University, Bareilly		
71	Hacourt Buttler Technical University (Formerly HBTI), Kanpur		
72	Institute of Engineering & Technology, Bundelkhand University, Kanpur Road, Jhansi-		
73	Institute of Engineering & Technology, Dr. RML Awadh University, Faizabad		
74	Institute of Engineering & Technology, Lucknow		
75	Institute of Engineering & Technology, Dr B R Ambedkar University, Khandari Agra		
76	KNIT Sultanpur		
77	MMM University of Technology, Gorakhpur		
78	Rajkiya Engg College Ambedkar Nagar		
79	Rajkiya Engineering College Azamgarh		
80	Rajkiya Engineering College, Banda		
81	Rajkiya Engineering College, Bijnor		
82	Uma Nath Singh Institute of Engineering & Technology, VBS Purvanchal University, Jaunpur		
83	Uttar Pradesh Textile Technology Institute, Kanpur		
84	Uttarakhand	BKTI Dwarahat	
85		CoT Pantnagar	
86		GBPEC Pauri Garwal	
87		Institute of Technology, Gopeshwar	
88		Seemant Engineering Institute, Pithoragarh	
89		THDC Engineering College, Tehri Grahwal	
90		Women Institute of Technology, Sudhowala, Dehradun	

Applicant's Expression of Interest

(On the letterhead of the applying entity)

To,

Dated:

National Project Implementation Unit

4th Floor EdCIL House

Sector 16 A, Plot 18 A

Noida - 201301.

Subject: Expressions of Interest for providing Wi-Fi Services

Dear Madam/ Sir,

In response to the Invitation for Expressions of Interest (Eoi) published on _____ for 'Expressions of Interest for _____', we would like to Express Interest to carry out the aforementioned activity. We are enclosing following documents:

1. Letter of Registration of the applicant entity, as applicable.
2. PAN Copy of applying entity
3. Organizational Contact Details.
4. Scanned copy of the declaration letter containing an undertaking to ensure correctness of the information provided. (to be furnished on the letter head of the organization)

The name of the contact person for our organization and his/her address is as follows;

Name:

Designation:

Phone Number:

Email ID:

Address:

Yours Sincerely

Signature of the applicant

[Full name of applicant]

Stamp

[Date:]

Note: This is to be furnished on the letter head of the organization.

The Applicant details are as follows –

1. Name of the Applicant Institution: _____

2. Postal Address of the Authorized Contact Person:

We hereby certify that-

- A) All the statements made and information furnished in the application and the enclosures are true and correct.
- B) We have furnished all information and details necessary for EoI and have no further pertinent information to supply
- C) We agree that the CPA, NPIU or their authorized representatives can approach individuals, employers and firms to verify our competence and general reputation.
- D) We submit certificates and documents in support of our suitability, technical knowhow and capability for having successfully providing the required services, in prescribed format.
- E) We agree that the discretion and decision of the NPIU in respect of the empanelment of the SP is final and binding.

Signature and Seal of Authorized Contact Person

Date:

List of Annexure Enclosed:

- 1.
- 2.
- 3.

FORMAT FOR SERVICE PROVIDER PROFILE

SN	PARTICULAR	DETAILS
1.	Name of the Service Provider	
2.	Registered Address for Head Office of the Service Provider	
3.	Organization Status (Pvt. Ltd/ Partnership/Govt, etc)	
4.	Company Registration No. & Date of Registration	
5.	PAN No	
6.	TAN No, if any	
7.	Name of Proprietor/CEO	
8.	Authorized Contact Person and Designation	
9.	Address for Communication	
10.	Landline No.	
11.	Mobile No.	
12.	Fax No.	
13.	E – Mail Address	
14.	Website Address	