

Tender (Proposal/Bid Document)
For implementation of Campus Wide Network (OPEX Mode for one year) work at Central University of Haryana, Mahendergarh



Under Two Bid System (Technical and Financial)

(CUH/ICT/2022/774)



CENTRAL UNIVERSITY OF HARYANA

JANT- PALI

MAHENDERGARH- 123031

(Established under the Act of Parliament)

(www.cuh.ac.in)

Phone Nos. 01285-260111, e-mail : cucc@cuh.ac.in

e-TENDER NOTICE

E-Tender is invited for implementation of Campus Wide Network (OPEX Mode for one year) work in the University Campus. The bid document can be downloaded from the website of at <https://etenders.gov.in>.

1.	Downloading of e-tender document	Start Date: 20.05.2022 at 02.00 P.M. End Date : 10.06.2022 at 10.00 A.M.
2.	Date of submission of e-tender Physical submission of EMD and necessary documents	Start Date: 20.05.2022 at 02.00 P.M. End Date : 10.06.2022 at 10.00 A.M.
3.	Physical submission of EMD and necessary documents	Start Date: 20.05.2022 at 02.00 P.M. End Date : 10.06.2022 at 10.00 A.M.
4.	Opening of Technical Bid (online)	13.06.2022 at 11.00 A.M.

The complete tender document is also available on CUH website at: - <http://www.cuh.ac.in>.

Registrar- CUH

Check List for submission of documents:

Sr. No	Description	Yes /No	Page No	Remarks if any
1.	Whether Tender Fee paid?			
2.	Whether EMD / Tender Fees attached?			
3.	If EMD exempted, Valid Exemption Certificate attached?			
4.	Whether Firm Registration attached?			
5.	Whether GSTIN certificate attached			
6.	Whether PAN attached?			
7.	Whether affidavit duly attested by the Oath Commissioner/ Executive Magistrate regarding non-black listing of supplier attached?			
8.	Whether tender document along with all Annexures (1 to 4) duly signed & stamped by the authorized signatory attached?			
9.	Whether copy of Turnover and ITR attached?			
10	Whether technical specifications/Layouts of the quoted services attached?			
11	Whether list of Institutes/ Organizations where the quoted services supplied by the tenderer in India is attached?			
12	Whether past performance certificate from reputed Client such as IIT/NIT/Institutes of National Importance/Central or state government has been attached			
13	Any other certification or Manufacturing/ Service licence			
14	Whether Self-certificate that the firm has never been debarred or indicted in corruption case(s) attached?			
15	Whether certificate that no complaint of poor performance have been received by the firm from suppliers attached?			
16	Whether drawing and calibration attached? Wherever necessary			
17	Have you been declared poor performer by any of the Govt. institution? Give undertaking			
18	Any other General information			

Instructions to bidder

Submission, Receipt, and Opening of Proposals

- a) The bidder shall read the instructions, technical specifications and the bid documents carefully before filing and submission of bidding documents.
- b) The bidder shall sign on each page of the bidding documents and assign serial number in integer value starting from one and submit the proposal/bid strictly as per the instructions.
- c) The original Technical and Financial Proposals/bids shall be prepared and submitted in separate sealed envelopes and both the envelopes should be kept in third envelope.
- d) The envelope should be super subscribed "***Tender for implementation of the work of Campus Wide Network (OPEX Mode for one year)***". The proposal/bid shall be sent by post so as to reach at the address mentioned on invitation to bid letter, on or before the due date and time, as specified in the tender notification or as per the corrigendum if issued any.
- e) Bids received late will not be accepted and the CUH will not be responsible for any delay due to whatever reasons.
- f) **Bid Processing Fee:** Each bidder shall pay the bid processing fee for Rs. 1000 +18% GST = Rs. 1180 in the form of *DD drawn in favour of Central University of Haryana, Payable at Mahendergarh, Haryana.*
- g) **Earnest Money Deposit (EMD):** Each bidder shall pay EMD @ Rs. 5,000/- in the form of *Demand Draft drawn in favour of "Registrar Central University of Haryana, payable at Mahendergarh.*
- h) **Technical Bid format:** The bidder shall confirm that the product/services quoted (by the bidder) shall be in conformance with the conditions/criteria as specified herein.
 - a) **Financial Bid Format:** Bidders shall quote items/services with inclusive prices (i.e. price inclusive of taxes and all other expenses) for delivery and installation.
 - b) The Manufacturer /Bidder should have the cumulative turnover of Rs. 1.5 Cr in last three financial year towards supply of machines/equipment for the relevant laboratories taken together or for individual items. They should furnish the details as per proforma given in **Annexure-1**. This should be supported by audited balance sheet of the company for that particular year.
 - c) The Manufacturer/Bidder should submit catalogue with complete Technical details with Make and Model for technical evaluation purpose. Bids without Catalogue or with incomplete information are liable to be rejected.
 - d) There should be no complaint against the Manufacturer/Bidder for poor performance of the equipment's supplied by any institute or customer. The self-certified certificate to be attached with bid in this regard on firms letter head.
 - e) The Manufacturer / Bidder should submit copy of ITR of last three years.
 - f) Installation, Demonstration and Testing of equipment is to be done by the supply firm in the presence of subject expert.

- g) The CUH reserves the right not to place the order for one or any of the item quoted in this tender even after finalization of tender without assigning any reason for not doing so.
- h) CUH is the final authority to judge the tender and has every power - to accept or reject the same without assigning any reasons.
- i) Any effort by a supplier to influence CUH's tender evaluation, tender comparison or contract/order award decisions may result in the rejection of the supplier's tender and forfeiture of the supplier's EMD.
- j) After opening of bids, information relating to the examination, clarification, evaluation and comparisons of bids and recommendations concerning the award of contract shall not be disclosed to bidders or other persons not officially concerned with such process.
- k) Financial bid should include the details as per proforma given in- **Annexure-2**
- l) Technical bid should include the details as per proforma given in **Annexure-3**
- m) Acceptance letter by bidder -**Annexure -4**

Terms & Conditions for Bidders:

1. General Information

- a) Name of the University: **Central University of Haryana**
- b) Number of users: **4000**
- c) Total number of buildings where Wi-Fi coverage is to be provided along with list and Layouts of buildings: **10**

2. General Conditions:

- a) The work would involve site survey, design, installation and maintenance of state-of-the-art carrier grade Wi-Fi network in the campus.
- b) No other services can be provided by the Service Provider (SP) using this network.
- c) The Wi-Fi/LAN facility should be provided in the University within 4 weeks from the date of issue of Purchase Order.
- d) The Service provider should earmark a dedicated team for implementing the network under a Nodal Officer and convey the contact details of the Nodal Officer to the University, within 7 days from the date of issue of the order.
- e) The site survey should be completed and a report along with the detailed diagram of the proposed carrier grade network that would be deployed, giving details (make, model no.) of all the equipment's should be submitted to the University within 1 week from the date of issue of the Purchase Order.

3. Service levels:

- a) **Coverage:** The Wi-Fi service shall be covered in all 'hot spots' which shall include all academic, administrative blocks, labs, libraries, hostels, canteens and any such area which are frequented by the students. There should be both indoor and outdoor coverage in areas where there are high footfalls. There shall be at least one Wireless Access Point for every 20 students/users and every Wireless Access Point should support at least 20 concurrent users. The Wi-Fi network should be suitably augmented for increase in the users, if any, to maintain the quality of service.
- b) **Unlimited data usage:** There shall be no limit on the data downloads and uploads. Each user shall be allowed to login two devices (laptop and mobile). However, there can be a Fair Usage

Policy (PUP) i.e. after a specified data download, the data speed can be reduced. For this purpose, the limit per user per month should not be less than 10 GB.

c) **Data speed:** The data speed during PUP should not be less than 5mbps; and FUP will be decided by the University.

d) **Installation and maintenance:** The entire capital for providing the campus Wi-Fi service has to be invested by the Service Provider (SP). The maintenance of the system shall be the responsibility of the SP.

e) **Authorization, authentication, security, and monitoring/report generation:** The authorization, authentication and maintenance of users should be implemented separately for each block as specified by each university. In this regard, University will provide the user data. Provision should be there to generate performance reports user-wise, monitor usage in case of FUP, enrolling users, etc.

f) **Compliance to international standards:** The offered Wi-Fi equipment at the Core NW and at the campus shall be state-of-the-art, carrier grade equipment conforming to relevant international, IEEE and ITU-T standards.

g) **Portal:** The SP shall create a portal and provide read-only access for viewing Wi-Fi usage statistics to authorized personnel at the University.

h) **Network Management System (NMS):** There should a centralized NMS to monitor the performance of the network on 24*7 basis. The University should be given access to the NMS required for operations of the network. The University staff should be trained to use the NMS.

i) **Help Desk:** SP shall have a 24*7 Call Centre for dealing with user requests/complaints related to Wi-Fi/LAN Services with availability of Network Support Engineer. The University will not provide any accommodation to the deployed Network support Engineer.

j) **Downtime:** The maximum unscheduled downtime of the system shall be 15 minutes in a day. In case of scheduled maintenance, the same shall be intimated in advance to the institution and downtime in such cases shall not be more than 48 hours in 6 months. The downtime shall be calculated on monthly basis.

4. Service Charges:

a) The service charge/prices will be quoted on per user and per month.

b) The Service charges will be paid by the university by 5th of every consecutive month.

c) The Service charges shall be payable from the date of successful commissioning of the Wi-Fi network in the University.

d) The Services are initially for one year, extendable as per University requirements

5. Commissioning of the Wi-Fi/LAN Services Network:

a) After successful commissioning of the Wi-Fi/LAN service network, the SP shall submit to the university a completion report with detailed Wi-Fi/LAN service network diagram, equipment location, equipment details like make, model etc.

b) Partial commissioning of the Wi-Fi/LAN service network within the university is not acceptable.

c) The date for start of the billing cycle is the date of acceptance of the Wi-Fi/LAN service network by the University.

d) If the date of acceptance of the Wi-Fi/LAN network is during the middle of the month, then the first payment would be for the remaining days in the month. Subsequently the billing would be monthly from 1st of every month.

e) The University would permit the SP to install the Equipment necessary for providing the campus Wi-Fi/LAN service within the Campus.

- f) The installed equipment would be provided with security like any other university equipment's.
- g) The required electricity for operating the equipment's within the campus, from the local electricity authority would be provided by the university without any charges to Service provider. UPS wherever required would have to be installed by the SP.
- h) University will provide rent free Space/Room for storing the Inventory during project phase and rent free space for sitting for the Technical Staff deployed for operations and storage of spare and other equipment's.

6. Penalties:

In case of failure of the SP for providing the services in the manner specified above, the CUH can levy a penalty in proportionate basis of the down time.

7. Termination of contract:

In case of continuing failure to maintain the service levels the university can terminate the contract after giving adequate opportunity to the SP to explain the failure and rectify the failure within a maximum period of one month.

8. Resolution of Disputes:

Any dispute remaining unresolved shall be in the jurisdiction of Mahendergarh Court.

Scope of Work

The Scope of Work (SoW) for this tender includes:

- a) Site survey, planning & design for the proposed augmented Campus wide wired and wireless network at CUH Mahendergarh.
- b) Preparation and submission of technical solution document along with detailed Bill of Material (BoM) and Bill of Quantity (BoQ) for all Active & Passive network components as well as dependencies like – Switches/Appliances, Software, UPS, etc.

Detailed, Technical Scope of Work

- a) The Proposed Network should be a Tiered LAN/WLAN Network constituting of Core/Aggregation Switches, Distribution Switches and Access Switches supporting Distributed Routing and Switching as well as Distributed Access Control at all Tiers.
- b) The Connectivity capability between Core/Aggregation Switches shall constitute of resilient 10-40Gbps optical links.
- c) The Connectivity capability between Core/Aggregation Switches and Distribution Switches shall constitute of resilient 10Gbps optical links.
- d) The following Networking devices and accessories are required for the CUH network:

Specifications and details of Items/Equipment's required for the implementation of the work of Campus Wide Network (OPEX Mode for one year):

S. N.	Name of the Block/Building	Details of the Access Point/Device/Equipment required	Approximate Number of Access Point/Device/Equipment Required	Whether LAN or WAN(Wi-Fi) required in OPEX Mode
1	Academic Block I	Indoor and Outdoor Access Points	32+2	WAN(Wi-Fi)-Network Cabling already commissioned
2	Academic Block III	Indoor and Outdoor Access Points	40+2	
3	Academic Block IV	Indoor and Outdoor Access Points	32+2	
4	VC Residence	Indoor and Outdoor Access Points	4+2	
5	Boys Hostel 1	Indoor	40	WAN(Wi-Fi) with complete cabling infrastructure
6	Boys Hostel 2	Indoor	40	
7	Girls Hostel 1	Indoor	40	
8	Girls Hostel 2	Indoor	40	
9	Health Center	Indoor	04	LAN and WAN(Wi-Fi) with complete cabling
10	Innovation Center	Indoor	02	
11	Residential Quarters	Indoor	24	WAN(Wi-Fi)-Network Cabling already commissioned
12	Server Room	Wireless Controller	01	
13	Server Room	UTM Firewall	01	For 4000 users
14	Miscellaneous Accessories/ Equipment's	Other Accessories(Switches/LAN Cable/ Networking Equipment's)	As per actual installation	

Note: The access points/Wireless Controller/ UTM Firewall and all the networking equipment's (Switches etc. /Networking accessories) should of latest technology and standard.

Annexure-1

Format for Turnover information

Total turnover of the bidder during the preceding 3 years:

Financial year	Turnover (Rs. in Lakhs)

Duly Certified by the CA

Annexure-2

Name of Firm:

Registration no:

PAN No:

GST No:

FINANCIAL BID/PRICE BID

S. No.	Description of the Services//Equipment's	Rate Per User(INR)	Total Cost (Monthly)(INR)	Annual Cost (INR) Including GST
1				

Grand Total in words:

Terms and conditions if any:

Annexure- 3

Technical Evaluation

Sr · N o.	Description	Name of Company/firm
1.	Name of the Organization/firm/company	
2.	Bid Processing fee	DD No. Date:-
3.	Earnest Money Deposit (EMD)	DD No. Date:-
4.	Year of establishment	
5.	Address & Telephone numbers	
6.	GST No. and Bank account details of the firm	
7.	The Bidder should not be associated or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the purchaser to provide consultation services for the preparation of the design, specification, and other documents to be used for the procurement of the goods to be purchased under this invitation of tenders	
8.	The Bidders shall not be under any declaration of ineligibility for corrupt and fraudulent practices issued by any State Government / GOI / Union Territory. The Bidder should not be a defaulter of any financial institute or Bank and their assets should have never been put on auction for recovery of debts	
9.	The Bidder should be in the business in India for more than 05 years as on 31-03-2022. This should be supported by the certificate of registration issued under the Companies Act by a competent authority.	

10.	The bidder should have a turnover of Rs. 1.5 crores in any financial year during the last 03 years. This should be supported by audited balance sheet of the company and duly audited by the Chartered Accountant or Turn over Certificate from Chartered Accountant.	
11.	The Manufacturer / Bidder should submit Layout/Network Design, pamphlets, for technical evaluation purpose. Bids without catalogue or with incomplete information are liable to be rejected.	
12.	There should be no complaint against the Bidder for the poor performance of the equipment supplied. An affidavit in this regard needs to be submitted.	
13.	The Bidder should submit last 03 years ITR.	
14.	The bidder should sign all the documents submitted including the University's terms and conditions and attach with the technical bid.	
15.	Any other information	

Annexure - 4

**TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)**

Date:

To,

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____ Name of Tender / Work: -

_____ Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:

_____ as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organisations too have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety. 5.

I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking/Govt. Autonomous organisations.

6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore can summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

(Signature of the Bidder, with Official Seal)