

Tender Document

CAMPUS NETWORK STUDY TO ARCHITECT, Data, VOICE AND SURVEILLANCE REQUIREMENTS. AT JAMIA HAMDARD NEW DELHI.



(Signature of Authorized Signatory
With Company Seal)

2. Project Profile

The Jamia Hamdard Spans across over 90 acres of campus the campus has a Data Centre located in the Admin Block, which is the central repository of IT_ telecom infrastructure & applications. The entire connectivity across the campus is in a Hub –spoke architecture, with all blocks connected to the Data Centre for Data and telecom needs.

The objective of the Networks is to provide basic telecommunication & Networking infra to Jamia Hamdard Campus buildings. The network provides data, IP/non IP-voice, video conferencing, Wi-Fi, Internet surveillance services to its users. The Network infra & equipment is of utmost importance as these are being used to access various central applications hosted at Jamia Hamdard Data Centre and other Networks. It is required to ensure that the Network of Jamia Hamdard should be up and functional on 24X7 basis.

3. SCOPE OF WORK, DELIVERABLES

Comprehensive study of campus Backbone, data, Voice and surveillance requirements.

The study will include the following:

- Complete study of existing campus wide fiber backbone for a solution design in such a manner that it can be shared for Data, Voice (EPABX) and Surveillance wherever it must be possible.
- Report must include provision of the redundancy of existing fiber cable network.
- Wherever sharing of existing fiber resource is not possible or some extensions or modifications might be required the agency shall include this in detail in its report with complete BoQ to run above mentioned Data, Voice (EPABX) and Surveillance (CCTV) services in Jamia Hamdard campus.
- The agency shall also provide a cost effective solution of EPABX with complete BoQ, having basic telephony, call transfer, Pilot number and call recording facility.
- Study of the existing Wi-Fi design and architecture and preparation of report suggesting gaps in existing set up and complete solution to fix those gaps.
- The agency shall also conduct a Scientific and technical study of quality of existing fiber.
- Network design and architecture of the DC.
- The agency shall submit a complete bill of material (BOM) along with Quantity of each of the above components, along with design and mandatory features in hard and soft copy both.
- The agency can propose any thing which may not be covered in the Scope of Work mentioned above but may be important for Jamia Hamdard based on their past experience in any similar nature job carried out by the agency.

4. Role and Responsibilities of the Bidders

- i. Bidder needs to study the entire present System and architectures.
- ii. Based on the present network infra and architecture the bidder needs to recommend overall design of the campus network.
- iii. The study would involve and be limited to the following: -
Fiber backbone design ensuring connectivity of all the blocks & buildings to the Admin block.
The backbone architecture must clearly highlight the main distribution
- iv. Frame (MDF) and the intermediate distribution frame (IDF) across the campus for Ebpx System
- v. The overall architecture should demonstrate core distribution and the access to address coverage performance scalability, redundancy and security across the campus.
- vi. The layout plan of the fiber path across the campus after studying the present path needs to be accessed and shared.
- vii. Besides the wired network Wi-Fi planning and assessment needs to be done at the admin and other blocks including residential blocks.
- viii. The study also includes the telecom infrastructure with the call manager housed in the admin block and the digital analog phone installed across the entire campus.
- ix. Comprehensive surveillance infra needs to be architected and would use the common fiber backbone to transfer the feeds from cameras to the command control Centre setup in admin block.

S.No.	Tender Publish Date	April 01.05.2023
1.	Earnest Money Deposit (EMD)	Rs.5000/-
2.	Last date and time for sending Pre- Bid Queries through email (*)	All queries must be sent at Email ID: mirzarahilbeg@jamiahamdard.ac.in 'by 2:00 PM till 15.05.2023
3.	Last Date and Time for Submission of Bids	April 15 th , 2023 by 3:00 PM
4.	Address for submission of Bids	Jamia Hamdard, Hamdard Nagar New Delhi-110062.
5.	Bid Validity	60 days from the date of opening of technical bids.
6.	Date, time & venue of opening of Technical Bids.	April 15 th , 2023, at 3:30 PM or any other date and time as notified later on. Jamia Hamdard, Hamdard Nagar New Delhi-110062. Or any other location as notified later on.
7.	Date and time of opening of commercial bids.	To be intimated at a later stage, only to technically qualified bidders
8.	Contact details	9999259784
9.	Website	http://jamiahamdard.edu
10	Tender Fee	Rs.500

2. PRE-QUALIFICATION / ELIGIBILITY CRITERIA

A bidder participating in the procurement process shall possess the following minimum pre-qualification/ eligibility criteria

S. No.	Particulars	Response Yes/No	Supporting Document Reference with Page
1.	The bidder shall be a company incorporated, registered under the Indian Companies Act, 1956 or Companies Act, 2013. Self-attested copy of Certificate of Incorporation / Copy of Registration Certificate (s) to be enclosed.		
2.	Average of Annual Turnover in immediately preceding three consecutive financial years ended as on 31.03.2020 must not be less than Rs.2 Crore. Self-attested copy of Audited P&L accounts and balance sheet of three preceding consecutive financial years ending as on 31 st March, 2022 to be enclosed.		
3.	The bidder must have valid ISO-20000-1:2018, ISO 9001: 2015, ISO 27001: 2013 and OR equivalent Certificate, for providing Maintenance and facility management services for information technology infrastructure. Self-attested photocopy of the document to be enclosed.		
4.	The bidder must have their set up in Delhi/NCR and they should have complete tools to study Network which includes structured cabling and wi-fi infra. The bidders must submit an undertaking on its letter head confirming the availability of service center at Delhi-NCR with address and other details. Physical inspection to be done by Jamia Hamdard officials.		
5.	The bidder having at least 10 years' experience in the field of IT industry with work orders out of which one order of value not less than Rs.60.00 Lakh per annum or two orders of value not less than Rs.30.00 lakh each, per annum or three orders of value not less than Rs.20.00 lakh each, per annum from any Government Departments / Universities / Autonomous Institute / Statutory bodies / PSUs/ MNC firm..		

6.	EMD. Online payment receipt or Demand Draft or valid NSIC / MSME certificate/document to be enclosed.		
7.	Copy of PAN. Self-attested photocopy of the PAN to be enclosed.		
8.	Copy of GSTIN Certificate. Self-attested photocopy of the GSTIN certificate to be enclosed.		
9.	The Bidder who was awarded any contract in the past by the Jamia Hamdard but terminated during the contract period due to unsatisfactory performance will not be eligible /considered to participate in this tender. Also, a bidder who was awarded any contract earlier but refused to continue the contract/refused to sign the agreement as given by the Institute will not be eligible to participate in this tender. Declaration from Authorized Signatory on the Bidder's Business Letter Head to be enclosed.		
10.	Bidder must submit escalation matrix up to the level of CEO. Details on business letter head of the bidder to be enclosed.		
11.	Bidder should not have been blacklisted by any Firm/Organization/School/Board/University/Institution or any Government organization and no litigation is pending in the court of law against the bidder. Bidder also should not be under any legal action or not declared ineligible to participate for unsatisfactory past performance by the Government of India for indulging in corrupt, fraudulent, coercive, undesirable, or restrictive practices or any other unlawful or unethical business practices with any Central/ StateGovernment Ministry/Department/ PSU/ Statutory Body / Government Company in last 5 years. The Bidder also must not have been declared bankrupt/insolvent or should not have filed for bankruptcy/insolvency in the past five years or in the process of being declared bankrupt / insolvent before any designated authority. Declaration from Authorized Signatory on the Bidder's Business Letter Head to be enclosed		
12.	Bidder Must have more than 05 Engineers on the Company's Payrolls, self-declaration need to be submitted on company Letter-head. At-least 02 engineers should have at least 5 years of experience in Network Design. A certification from any cabling OEM is desirable.		

Annexure A

Price Bid for the Campus Network study to architect data, Voice and surveillance requirements.

S.No.	Service Discription		Qty	Rate	Applicable GST %	Amount
1			1			
2			1			
3			1			
			Total Amount			
			Total GST amount			
			G. Total			