

JAMIA HAMDARD

HAMDARD NAGAR, NEW DELHI - 110062

Telephone: 011-26059688-5374

TENDER DOCUMENT

FOR

**CCTV, Projector & Networking points works in the proposed
5G Lab at 2nd floor HMSCL**

Submitted by:

Name of the agency:

Address:

Contact No:

Email ID:

JAMIA HAMDARD
(DEEMED TO BE UNIVERSITY)
HAMDARD NAGAR, NEW DELHI-110062

NOTICE INVITING QUOTATIONS

13.08.2024

Jamia Hamdard, New Delhi invites sealed items rates Tenders in **Single bid system** from reputed contractors registered with Govt. Semi Govt., reputed organization, PSU or worked/working in Jamia Hamdard for the below mentioned work. Tender Documents are attached herewith. Last date of submission of the Tender is 22.08.2024 up **to 3:00 PM**. The bidders are also advised to visit the site to satisfy themselves before submitting the Bids. Bidders not fulfilling the Eligibility Criteria will be rejected. Eligibility Criteria is mentioned at Tender clause 2.

NAME OF WORK	CCTV, Projector & Networking points works in the proposed 5G Lab at 2nd floor HMSCL
ESTIMATED COST	Rs.2.7 lacs
EARNEST MONEY	Rs. 5400.00 Demand Draft in favour of “Jamia Hamdard” New Delhi
TENDER COST	Rs.500/- Demand Draft in favour of “Jamia Hamdard” New Delhi
TIME PERIOD	10 days from the 2nd day of the receipt of the work order.

The Tender duly filled should be dropped in the Tender Box kept in Purchase Section, Admin Block on or before 22.08.2024 **up to 3:00 PM** along with demand draft of earnest money & Tender fee in sealed envelope clearly specifying the name of work. The DDs shall be in favor of Jamia Hamdard payable at New Delhi. The bids shall be opened on 22.08.2024 **at 3:30 PM** by the tender committee in presence of available interested parties. Jamia Hamdard reserves the right to reject any or all tenders without assigning any reason. Decision of Jamia Hamdard in this regard will be the final and binding on all applicants.

Registrar

1. SCOPE OF WORK

SITC of CCTV, Projector with their accessories, Networking point works such as SITC of access Points, UTP CAT six cables box, dressing rack, jack panel, switch model, LAN based manageable etc. at proposed 5G Lab, D/o SEST, 2nd Floor, HMSCL. Jamia Hamdard Campus as per BOQ (Annexure 'A') / requirement of site etc.

2. ELIGIBILITY CRITERIA

- 2.1 Bidders must have worked with Govt., Semi Govt., reputed organization, PSU or worked/working in Jamia Hamdard for such works. Bidders have to submit the related copies of the documents justifying the eligibility criteria along with his Tender. The original will have to be produced when demanded for verification.
- 2.2 Contractors should have executed similar nature of works of at least one contract of Rs.2.16 Lacs or two contracts of similar nature of works of Rs 1.62 Lacs or three contracts of similar natures of works Rs. 1.08 Lacs in the last 5 years in any institutional Buildings, Universities and produce credentials in support thereof.
- 2.3 Certified documents of having successfully completed similar works during the last 5 years as on 31.07.2024 should also be attached.
- 2.4 The Bidders must have GST, PAN, etc.

3. SUBMISSION OF BIDS

Sealed quotations should be submitted in sealed envelopes, super-scribing NIQ & Name of work, due date for opening, bidder's name & address. The sealed tender duly filled should be dropped in the tender box kept in the Central Purchase Section. It should not be handed over to any employee of the Jamia Hamdard. No tender shall be accepted later than the time schedule specified above. Any clarifications/amendments/corrigendum etc., to NIQ before last date of submission of bid will only be available on our website: www.jamiahamdard.edu. Therefore, bidders are advised to keep visiting our website.

Note: The bidder shall submit the following:

- a. Covering letter on Company's Letter head
- b. Tender Fee
- c. Earnest Money Deposit.
- d. Copies of GST, PAN, etc.
- e. Entire NIT and documents duly signed & stamped by the bidder/authorized representative.
- f. BOQ cited on **Annexure 'A'**
- g. Bidders are required to quote his item rates in the above said attached BOQ in accordance with the scope of works, terms & conditions & technical specifications enclosed. The rates/price quoted by contractor should be all inclusive i.e. should include all material cost, labour, services, plant/machinery/tools & tackles, ladders & scaffolding required for work, freight, Insurance, Octroi, Govt. duties & levies, GST, Service Tax, Sales Tax etc.), transport/cartage of materials/labour and all other expenses not specifically mentioned but reasonably implied. It is mandatory for bidders to quote all items' rate as asked in the BOQ/ Price schedule. Failure in not filling some item rates will lead to rejection of tender. **The bidders should quote unconditional rates, typed and all pages should be duly signed & stamped.**

- h. Bidder not complying the bid & eligibility criteria is liable to be rejected.

4. Terms and Conditions

- I. **Earnest Money & Tender Fee:** An earnest money of Rs. 5400.00 & Tender Fee of Rs. 500.00 for the above Electrical works has to be enclosed along with the Tender. The EMD & Tender fee shall only be in the form of Bank Draft in favour of “Jamia Hamdard” payable at “New Delhi”. No Cheques/Cash shall be accepted as EMD & Tender fee. The EMD of the successful lowest bidder (L-1) shall be held back and will be released after completion of the works and site clearance.
- II. **Validity of Tender:** Tender shall be valid for our acceptance without any change in rates and NIT conditions for a period of 90 days from the date of opening of price bid.
- III. **Escalation:** No escalation over and above items rates quoted by the bidder shall be paid during the execution of contract.
- IV. **Completion time:** The time shall be the essence of this contract and entire work as titled above is to be completed in all respects within a period of 05 days from the 2nd day of the receipt of the work order. Any delay in completing of work for the reasons attributable to the Contractor is liable for liquidated damages as per clause 4, “XIII” of General Terms & Conditions. Under the force-majeure conditions or delay due to reasons beyond control of the contractor, Jamia Hamdard may grant suitable time extension without penalty for which the contractor has to request along with the justification/ reasons well in advance to Jamia Hamdard for approval without any prejudice to price escalation. No time extension request shall be considered after the expiry of completion period/contract. The decision of the Executive Engineer regarding Time extension will be final and binding on the contractor.
- V. Item basic rates and GST should be written separately. The total amount should be inclusive of all taxes (Service Tax, GST etc.) duties and cartage etc. All applicable taxes will be deducted as per prevailing Govt. norms and Jamia Hamdard Employee Relief Fund (JHERF) will be deducted @ 0.25% of the amount of total bill claimed.
- VI. **Deviations:** No deviation from the stipulated terms and conditions will be allowed. Tender will be unconditional.
- VII. **Site Conditions:** Contractor shall acquaint himself fully with the site conditions and the working environment of Jamia Hamdard before quoting his rates. No Compensation on account of any site difficulties will be entertained, at a later date, after award of the work.
Before tendering, the Contractor shall visit and examine the site and satisfy himself as to the site conditions, the correct dimensions of the work and facilities. In case of any doubt, it may be clarified from the office of the Assistant Engineer (Electrical).
- VIII. **Correspondence:** All the correspondence in respect of tender/award of work shall be made to Executive Engineer.
- IX. **Terms of Payment:** The payment shall be made on submission of the bills in proper format by the contractor after due certification by the engineer responsible for supervision of the work. Full and final payment will be made after completion of work for claiming payment based on actual quantities of items of work executed as per BOQ and Engineer’s instructions. The payment will generally be made within 30 days from the submission of bills. However, no interest is liable to be paid by Jamia Hamdard in case of delays, if any, in payment.
- X. **Security Deposit:** A security deposit equal to 05% of the value of work will be deducted from Contractor’s bill and shall be refunded after the completion of defect liability period of six months after ensuring successful performance of the system executed by the contractor.
- XI. **Labour Laws:** The contractor will abide by all the rules and regulations related to labour laws, accident, workmen compensation act, workmen insurance etc. This will be the sole responsibility of the contractor. Jamia Hamdard will not be a party at any stage in any of the disputes relating to the above. In case, Jamia Hamdard has to bear any expenditure due to

- non-conformance of the above provisions by the contractor, the same will be recovered from contractor's bills.
- XII. Rules governing the Contractor's employees working in the Jamia Hamdard Premises: The contractor's employees working inside the Jamia Hamdard campus will abide by the Centre's rules & regulations for works inside the campus. Any damage to the Jamia Hamdard property due to mishandling, carelessness on the contractor's or his workmen's part will be recoverable from the contractor's bills.
- XIII. **Liquidated damages:** : In case the work is delayed beyond the specified completion period for reasons attributable to the contractor and without any genuine reason, deductions on account of Liquidated damages @0.5 % of the contract value per week will be deducted subject to a maximum of 5% of the contract value. However, during the delayed period, Jamia Hamdard also reserves the right to get some portion of work done by any other contractor at the risk and cost of the existing contractor and amount to that effect along with 10% overhead charges will be deductible from his bills/dues
- XIV. **Extra or substituted item:** If any extra or substituted item appears in the work, contractor shall submit its rate analysis supported with documents which shall be approved by concerned Engineering Department. Analysis of rates will be based on DSR-2022 document of CPWD or based on market rates for determining item rate and pay to contractor accordingly.
- XV. **Defect & Liability period:** Defect liability period shall be six months from the actual date of completion of work. Any defect arising in this period due to contractor's fault will be rectified by him at his own cost. Failure to do so, shall lead to forfeiture of security deposit.
- XVI. Contractor should depute a qualified supervisor dedicated for this work, who will monitor and coordinate the works from contractor's side and interact with the Jamia Hamdard Engineers, responsible for supervision of work, on regular basis.
- XVII. Contractor will take due permission for entry of all his workmen in Jamia Hamdard. No unauthorized person will be allowed to work inside.
- XVIII. The contractor will arrange all necessary materials, tools, equipment, access ladders & scaffolding, measuring instruments and working consumables etc. needed for execution of the works. Safe custody of all such material will be contractor's sole responsibility. No extra charges will be paid for the same. Watch and ward of all material till the system is taken over by Jamia Hamdard shall be the sole responsibility of the contractor and pilferage etc. shall be entirely to his account.
- XIX. During execution of work, Engineer can make minor changes in the scope of work as per site conditions or other reasons. Contractor will have no extra claim in his rates for the same.
- XX. If during the execution of works, any damage is caused to Jamia Hamdard property by contractor's/contractors' workers, contractor will duly make good the loss. Jamia Hamdard has the right to make suitable deduction from contractor's bills along with penalty, if contractor fails to make good the loss.
- XXI. During execution of work, the contractor should follow all the standard norms of safety measures/precautions as per relevant IS codes and CPWD specifications to avoid accidents/damages to man, machines and buildings, at his own cost. Contractor will have his own arrangement to escort the labour to the nearest hospital for treatment in case any injury happens to any worker during execution of work.
- XXII. Manpower deployed by the contractor at our site for carrying out contract works is strictly prohibited being associated with any other works on the campus.
- XXIII. During execution of the work, contractor should dispose off waste material on regular basis and should keep the area of work properly cordoned off and neat and clean as far as possible. After completion of work, contractor should clear the site completely of all unwanted and junk material before submitting his final bill.

- XXIV. Jamia Hamdard will provide electricity, if needed. The electrical energy meter will be provided by the contractor and necessary deduction will be made as per the actual consumption of electricity (at the rates paid by JH to BSES) during execution of work. The contractor has to make his own arrangements for water.
- XXV. Tender once submitted will remain with the Jamia Hamdard and will not be returned to the bidders.
- XXVI. Termination of Contract: The Jamia Hamdard reserve the right to terminate the contract on account of poor workmanship, failure to mobilize site within 15 days, non-compliance of specifications for the works, abnormal delay in progress of work, violation of any contract provisions by the contractor. In such case, contractor's EMD and security deposit deducted so far will be forfeited.
- XXVII. Any dispute arising out of this contract will be subjected to jurisdiction of New Delhi/Delhi.
- XXVIII. Tenders not complying with any of the provisions stated in this tender document are liable to be rejected. Jamia Hamdard also reserves the right to accept or reject any or all the tenders without assigning any reason and does not bind himself to accept the lowest tender.
- XXIX. That in the event of any difference, or dispute arising between the parties to this Agreement for any reasons whatsoever relating to the contract, whether during the substance of this Agreement or their after, it has specifically been agreed that the party will endeavor to amicably resolve the difference, but in case if dispute or differences still remain unresolved, the same shall be referred to the sole Arbitrator appointed by the Vice Chancellor of Jamia Hamdard and the Arbitrator decision shall be final and binding upon the parties concerned.

5. SPECIAL TERMS AND CONDITIONS

- I. Makes of Items to be used by contractor should be according to the list of approved makes given at Annexure 'B'. No other makes will be used by the contractor.
- II. Contractor will first submit the sample of relevant make to Executive Engineer/A.E. Electrical for approval before procuring the material.
- III. Contractor will arrange proper necessary materials at his own cost and will take all safety measures like safety belts, extra labour to hold ladders etc. If it is observed that work is proceeding without adequate safety precautions, work may be stopped by Engineer in-charge and in such cases, contractor will be solely responsible for delay and its consequences thereof.

6. CHECK LIST

TO BE SUBMITTED ALONG WITH BID

The tenderer are requested to ensure the submission of the essential documents to avoid disqualification of the bid. However, the check list is not exhaustive and the tenderer are requested to go through to NIT & related documents carefully and completely for fulfillments of tenderer requirement.

S. No.	Enclosures	Submitted
1.	Cost of tender document	
2.	EMD	
3.	Similar works order and other documents asked	
4.	Signature with stamp in all pages of tender documents.	
5.	Bank account detail	
6.	E-mail address	
7.	Address for communication	
8.	Phone no, Mobile no, Landline no.	

Signature of the Tenderer's with stamp

Annexure –A

Price Bid for CCTV, Projector & Networking points works proposed 5G Lab at 2nd floor

HMSCL

S.No.	DESCRIPTION	Qty	Unit	Rate	Amount in Rs.
1.	SITC of 1/3.2” 2MP Bullet PS CMOS Image Sensor (0.7937cm), Max. 2MP (1920 × 1080) @25/30fps Instastream, H.265 and Smart H.264+ dual-stream encoding, DWDR, Day/Night (ICR), 3D-DNR, ROI, AWB, AGC, BLC, HLC, 3.6mm fixed lens IR Range of 30 Mtrs, IP67, PoE	4	Nos		
2.	SITC of 4Ch. Network Video Recorder Support 4 channel IP camera input Instastream/H.265/Smart H.264+/H.264 codec decoding Up to 8MP resolution preview and playback Max 80Mbps Network Bandwidth Support 1 SATA HDDs up to 8TB Each, 2 USB Ports (USB2.0) VGA/HDMI simultaneous video output, maximum resolution of HDMI is 1080P Support Multi-brand network cameras ONVIF Version conformance	1	Nos		
3.	SITC of 6 Ports Switch with 4 PoE Ports & 2 Uplink Ports, 4, 100Mbps; RJ45 ports, Supports Max. 30W Output of Single PoE Port Support IEEE802.3/802.3u/802.3x2, 100Mbps, Transmission Distance: 0-100m	1	Nos		
4.	SITC of Capacity:1TB, Form Factor:3.5-Inch, Connector:SATA, Compatibility: Up to 64 HD cameras, All Frame firmware technology, Interface :SATA, Transfer Rate: up to 110MB/s, Disk Speed (RPM):5400 RPM, Recording Technology:CMR, Cache Size:64MB, Operating Temperature:0°C to 65°C, Non-Operating Temperature:-40°C to 70°C	1	Nos		
5.	SITC of HD LED Monitor Black 54.6 cm (21.49 inch), Panel Type: VA Panel, Response Time: 5 ms	1	Nos		
6.	SITC of Cat:6 UTP Solid cable, Conductor:23 AWG Solid bare Copper (4 pair), Insulation: High Density Polyethylene, Pairs:2 Insulated conductors twisted together, Sheath: FR-PVC Insulation thickness 0.2mm nominal, Cable Diameter:6.1mm nominal, Impedance:100±15 ohm, Conductor Resistance:< 9.38 Ohm meter, Capacitance:< 5.6nF/100 meter, Resistance Unbalance:5% Max, Approval: UL Listed, Capacitance Unbalance: 330pF/100 meter	305	Mtr		
7.	SITC of RJ 45 Connector, Housing:PC,UL94V-2, transparent colour, Contact Terminal: Copper Alloy, Finished: 03MU micro-inch gold plating, Operating temperature:40°C to 80°C, Use:24-26 AWG stranded wires	16	Nos		
8.	SITC of WXGA (HD: 1200x800) Projector DLP, 4000 Lumens High Brightness, 22000:1 High Contrast Ratio, Dual HDMI, Upto 15000 hrs Extra-Long Lamp Life, 10W Speaker, 3D Capable, USB-A for Power (1.5A)	1	Nos		

9.	SITC of Foldable and Wrinkle-free - Screen Size : 96" Inch x 59" Inch - 110" Inch Diagonal View 16:9 Aspect Ratio. The 110" inch projector screen is made of high-quality polyester fabric to prevent wrinkles. - The projector screen supports education in the classroom and presentation in the conference room.	1	Nos		
10.	SITC of Cisco Switch Model LAN base Manageable CBS350 240-4G	1	No.		
11.	SITC Commscope/Penduit Yellow Patch Chord 1 mtr race side	7	Nos		
12.	SITC Commscope/Penduit Yellow Patch Chord 2 mtr field side	6	Nos		
13.	SITC Commscope/Penduit Jack panel Unloaded	1	No.		
14.	SITC of Dressing of Rack	1	No.		
15.	SITC Commscope/Penduit UTP cat 6 cable box	1	Nos.		
16.	SITC Commscope/Penduit yellow 110 and installation	15	Nos.		
17.	SITC Commscope/Penduit Single Port Face plate	6	Nos.		
18.	SITC of Gang Box	6	Nos.		
19.	SITC of Access Points (CAP 370:)	1	No.		
20.	Valero tie	1	packet		
21.	Cable tie	1	packet		
22.	Hardware	1	packet		
23.	SITC Conduit Pipe 25 mm ISI mark	75	mtr		
24.	Labour Charges	7	per point		
	Total without GST				
	GST Amount				
	Total Including GST				

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(Signature of Proprietor/Partner/Chief Executive)
(With Seal)

Annexure ‘B’

List of approved make for Electrical CCTV, Projector works

S. No.	Particulars	Make
1.	PVC Insulated Copper Conductor cable	Havells / Polycab / Finolex/ RR Kabel
2.	Aluminum Armored Cable	Havells / Polycab / Nicco
3.	AC Box	ABB/MDS/ Hager/ Havells/LT
4.	MCB/Isolator	ABB/ MDS/ Hager/Havells/LT
5.	Distribution Box	ABB/ MDS/Havells/Hager/LT
6.	PVC conduits/ casing capping	Setia/ Plasoduct / AKG
7.	LED Lights	Philips/ Havells
8.	Exhaust Fan /Wall Fan	Crompton Greaves / Havells
9.	Cat-6 Data cable	AMP/D-Link /Systimatic
10.	10Amp/20Amp modular light and power plug	Anchor Roma/North West /MK
11.	Digital Meter	HPL /L&T / A E
12.	MCCB	L&T / Havells / ABB
13.	Ceiling Fan	Crompton Greaves High Speed / Havells
14.	Telephone wire	Delton/Finolex
15.	RJ-11 outlet socket with modular face plate	Anchor/Roma/Havells
16.	Refrigerant Pipes	Mandev / Parasmani /Jugal
17.	Nitrile Rubber insulation	Hylam / Superlon / Armaflex /Trocellen
18.	Camera	Hick vision/CP plus/Honey well/
19.	POE switch	D-link/net gaya/cp-link
20.	Monitor	Samsung/lg/Panasonic
21.	UTP cable	d-ling/comscope/beldon
22.	RJ 45 connector	D-link/comscope
23.	Projector	Sony/Optoma/panasonic
24.	Projector screening	VAv/lebirty/draper

Signature of the contractor with Seal