

# JAMIA HAMDARD

(Deemed to be University)

HAMDARD NAGAR,  
NEW DELHI - 110062

## **TENDER DOCUMENT**

### **FOR**

**Electrical Circuit wiring and supply and fixing of LED Light, MCB, DP,  
Ceiling Fan, Exhaust Fan etc for Computer Center, 2nd floor Library  
Building**

# JAMIA HAMDAD

## HAMDARD NAGAR, NEW DELHI-62

### NOTICE INVITING TENDER

Jamia Hamdard invites sealed items rate tenders for the work of Electrical Circuit wiring and supply and fixing of LED Light, MCB, DP, Ceiling Fan, Exhaust Fan etc for Computer Center, 2<sup>nd</sup> floor Library Building, from Registered / Working contractors. The tender documents and other details are available on the website: [www.jamiahamdard.edu](http://www.jamiahamdard.edu)

<b>Name of the work</b>	<b>Electrical Circuit wiring and supply and fixing of LED Light, MCB, DP, Ceiling Fan, Exhaust Fan etc for Computer Center, 2nd floor Library Building</b>
Estimated Cost:	5,28,285.00 + GST
Earnest Money:	Rs.10500/- Demand Draft in favour of "Jamia Hamdard" New Delhi
Tender Cost:	Rs. 500/- (Non refundable)
Last Date and Time of Submission of Tender:	29.10.2018 at 3.00 pm
Date & Time for opening of Technical bid: (Part-A)	29.10.2018 at 3.30 pm
Address for submission of tender:	Purchase Section Adm. Block,(Basement) Jamia Hamdard, Hamdard Nagar, New Delhi-62
Place of opening of tender:	Office of the Sr. Consultant: Adm. Block, Jamia Hamdard, Hamdard Nagar, New Delhi-62
Completion Time:	30 Days

**DOCUMENT**  
**FOR**  
**Electrical Renovation Works at 2<sup>nd</sup> floor Computer Centre, Central Library**  
**Building**

**NOTICE INVITING TENDER**

Sealed item rate tenders are invited for the following job. The agency having sufficient experience of such works and having TIN/WCT/PAN may only apply.

**NAME OF WORK:** Electrical Renovation Works at 2<sup>nd</sup> floor Computer Centre,  
Central Library Building

**Site / Location of Work:** Jamia Hamdard Campus, New Delhi-110062.

**Time Period for completion of work:** - 30 days from the issue of the work order.

The BOQ may be downloaded from the website of Jamia Hamdard or collected from the office of the Electrical Department w.e.f. 10.10.2018 to 29.10.2018 from 9:00am to 3:00pm. The tenders should be filled up clearly in digit and words. The sealed tenders be deposited in the tender box kept at Purchase Section of Jamia Hamdard by 3:00pm on or before 29.10.2018 Tenders will be opened on same day at 3:30pm in the office of the Assistant Engineer (Electrical) Bidders are also requested to be present at the time of opening of Tenders.

The bids may be submitted by the following categories of parties.

- Firm who have successfully carried out Electrical Works in last 5 years ending 22/05/2018 of the following: -
- Three similar works costing not less than Rs 2.10 Lacs

Or

- Two similar works costing not less than Rs. 3.10 Lacs

Or

- One similar works costing not less than Rs. 4.20 Lacs

The firms should submit clear visible attested copies of completion certificates issued by the Officer of the client department of the rank of Executive Engineer or equivalent rank along with the application.

**Similar works means “Electrical Renovation Works”**

The completion certificate must clearly indicate: -

- a. The date of completion of work
- b. Nature of work
- c. That the work has been completed satisfactorily.
- d. Work done amount of completion certificate.

The quantities given in the schedule are tentative and the actual quantities to be executed may vary (+ or -). The total works have to be executed within 30 days from award of work. Therefore, contractors with large work force/resources and financially sound need only apply. Delay in execution of works shall attach liquidated damage charges as per CPWD condition of contract.

Last date of submission of bid	:	29.10.2018	(up to 3pm)
Date of opening of bids	:	29.10.2018	(at 3:30 pm)
Time for completion	:	30 Days	

**Requirements to be fulfilled:**

- i. Registered / working with CPWD, DDA, PSUs, PWD, Govt. Semi Govt. Or University
  - ii. Registration of GST
  - iii. Undertaking that the bidder has never been black listed.
  - iv. No subletting or subcontracting of the work will be permitted.
  - v. The Company shall give an undertaking that they shall not employ minor workman.
  - vi. The Bidder has not been black listed by any of the Govt. Depts. /Govt. Institutions etc. during last three years.
1. The bidders shall attach copy of PAN Card.
  2. Duly sealed tenders shall be dropped in the tender box placed at the Purchase Section, Basement of Administrative Building, Jamia Hamdard.

3. The conditional bids shall not be considered under any circumstances and rejected without any notice or assigning any reasons thereof.
4. All bids once submitted shall be the property of Jamia Hamdard, and bidders will lay no claim whatsoever on the same.
5. Jamia Hamdard, reserves the right to reject any or all the tenders in full or in part without assigning any reasons whatsoever, and the decision of the University in this regard will be binding on all the bidders. Jamia Hamdard, reserves the right to accept or reject any or all tenders if not found as per norms.
6. No T & P shall be supplied by the University.
7. Taxes as applicable shall be deducted from the contractor's bill as per Govt. of India rules.
8. Jamia Hamdard welfare fund charges will be deducted @ 0.25% of the amount of total billed amount.
9. Security shall be deducted @ 5% of value of work done. The same shall be released after the expiry of defect and liability period of six month.
10. The time allowed for completion of work shall be **30 days** which shall be reckoned from 3<sup>rd</sup> (third) day from the date of issue of work order. Time allowed for the work shall be strictly followed and no delay without any genuine reason will be accepted. A penalty of @ 1% per week subject to a 10% of maximum of total value of the project will be imposed against delay. The decision of Engineer-in-charge about the delay shall be final and binding.
11. No escalation in any form either of material or labour shall be payable by the University.
12. All materials brought at site shall be as per schedule of quantities (Annexure-A) list of will be strictly followed. The material shall be got entered in the site book and approved by Engineer-In-charge before being used.
13. Mandatory tests have to be carried out as asked for by the Engineer-In-Charge. Nothing extra shall be paid for such purpose.
14. Any violation of instruction/agreement or suppression of facts will attract cancellation of agreement without any reference or any notice period.
15. The Engineer- in-Charge without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to the Government, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to take possession of the site and any materials, constructional plant,

implements, stores, etc., thereon; and/or Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the contractor.

16. The tenderer shall be solely responsible for any accident/medical/health related liability/compensation for the personnel deployed by it at Jamia Hamdard. The Jamia Hamdard shall have no liability in this regard.
17. The personnel provided by the agency will not claim to become the employees of Jamia Hamdard and there will be no Employee and Employer relationship between the personnel engaged by the Agency and Jamia Hamdard.
18. No tent or hut shall be allowed to be put up for workers to stay within the campus. The contractor is deemed to have inspected the site and thoroughly acquainted himself with the site conditions, availability of storage space for materials etc.
19. The tenderer should take extra precaution to ensure that there is absolutely no damage to the surrounding structure/existing system etc. If any damage made by agency, it will be got repaired/replaced/rectified by the agency itself at no extra cost.
20. It may here be noted, that the entire staff and labour of the Agency will follow all the security instructions issued by Jamia Hamdard University from time to time and these instructions may include the provisions to make suitable barricades or temporary wall fence to ensure that the labour confines itself to the area of the work ONLY. Serious action will be taken in case any of the contractor's workmen are found to be tampering with the Laboratory equipment and property of the University. Suitable damages will be recovered from the contractor's bills if anyone is found to do so. All decisions of the Engineer-in-Charge in respect of the same will be final and binding on the contractor.
21. On completion of all work, Agency shall remove all surplus materials & leave the site in a broom clean condition, failing which the same shall be done at Agency's risk & cost.
22. The Agency shall ensure compliance of all statutory laws & bye laws of the central govt./state govt./Municipal authorities related to the employment of their staff and all obligations under Minimum Wage Act, Workman Compensation Act, Provident Fund & Miscellaneous Provision Act, Bonus Act & Contract Labour Act 1970 etc. Jamia Hamdard University will not be responsible for such purposes in anyway.
23. Any claim, dispute or difference arising out of or in connection with this agreement and which cannot be settled by mutual consultations, shall be referred to sole Arbitration or an

Arbitrator to be appointed by the Competent Authority of Jamia Hamdard. The decision of the Arbitrator shall be final and binding between the parties as per the terms & conditions of the Agreement to be executed on award of contract. The Arbitrator proceeding shall be governed by the Arbitration and Conciliation Ordinance dated 26th March, 1996 and shall be conducted in Delhi. The agreement drawn shall be subjected to the jurisdiction of the courts at Delhi.

## **GENERAL CONDITIONS FOR SUBMISSION OF TENDER**

### **2. Submission of Tender:**

Tenders should be submitted in sealed envelopes. The tender duly filled in should be sent to above mentioned address either by post or hand delivered in the tender box kept in the Purchase Section, Basement of Administration, Jamia Hamdard. Jamia Hamdard will not be responsible for tenders lost in postal transit or otherwise. 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. Tender once submitted will remain with the Jamia Hamdard and will not be returned to the bidder. Tender submitted without EMD will not be entertained.

#### **2.1 CONTRACTOR TO SATISFY HIMSELF ABOUT SITE CONDITIONS**

**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, may be clarified from the office of the Assistant Engineer (Electrical).**

## **SCOPE OF WORK**

### **3.1 SCOPE**

The general character and the scope of work is illustrated and defined by the Schedule of Quantities, drawings and Specifications (Annexure 'B') herewith attached.

### **3.2 EXTENT**

The Contractor shall carryout and complete the said work in all respect in accordance with the contract, and with the directions to the satisfaction of the Engineer-in-charge.

### **4. TYPE OF CONTRACT**

The Contract shall be an item rate contract. The Contractor shall be paid at the contract rates, for the actual quantity of work carried out by him in accordance with the Contract documents as measured.

### **5. SCHEDULE OF QUANTITIES**

The quantities given in the Schedule of Quantities (Annexure 'A') are provisional and are meant to indicate the intent of the work and provide a uniform basis for tendering. The Contractor shall be paid for the actual quantity of work executed by him in accordance with Contract Documents at the contract rates. The quantities given in the Schedule of Quantities are provisional and are meant to indicate the intent of the work and provide a uniform basis for tendering. The Contractor shall be paid for the actual quantity of work executed by him in accordance with Contract Documents at the contract rates.

### **6. PAYMENT OF CONTRACTORS BILL**

Subject to any provision in the contract, payments to the contractor will be made as per CPWD norms.

### **7. SCHEDULE OF RATES TO COVER ROYALTIES, RENTS, WAGES, PROVIDEND FUND, AND CLAIMS.**

The schedule of rates shall be deemed to include and cover the cost of all royalties and fees for all articles process protected by letters, patent or otherwise in corporate in or used in connection with the works, also all royalties, rents and other payments in connection with



obtaining materials of whatsoever kind for the works and shall include an indemnity to Jamia Hamdard which the contractor hereby give against all actions proceedings claims, damages cost an expenses arising from the incorporation for the use on the works of any such articles processes or materials. Octoroi or other municipal or local board charge, if levied on materials, equipment or machineries to be brought to site and removed from site for use on work or after completion of work, shall be borne by the contractor. The contractor should be Registered for provident form and would be require to make the deductions on the salaries pay to the workers and deposit the same to the concerned department.

#### **8. SCHEDULE OF RATES TO COVER TAXES AND DUES.**

No exemption or reduction of custom duties, excise duties sales tax, VAT or any part duties, transport carriages, stamp duties or Central or State Government or other bodies including one company or dues, Taxes or charges (from or of any body including the company) whatsoever will be granted or obtained all of which expenses shall be deemed to included in and cover by the schedule of rates. The contractor shall also obtain and pay for all permits or other privileges necessary to complete work. In case where Jamia Hamdard. Wishes to avail Tax /duty exemptions as applicable to the contractors shall comply with the instructions from Jamia Hamdard.

**Final Bill:-** Within one (1) months of submission of the Bill with the final satisfactory completion certificate and as per the terms and conditions of the Contract.

*Note: All Bills are required to be supported by Detailed Measurement Sheet and Analysis of Rates for Extra Items and its approval along with the Bill. The Bills shall be submitted in specified format which should indicate quantities executed in all RA Bills and cumulative Quantities besides current bill quantities along with tendered quantity/unit/rates. There may occur deviations from the above noted schedule of payments in exigent circumstances.*

**Annexure 'A'**

**BOQ for the Electrical Circuit wiring and supply and fixing of LED Light, MCB, DP, Ceiling Fan, Exhaust Fan etc for Computer Center, 2nd floor Library Building**

S.No.	Particular	Qty	Unit	Rate	Amount
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required	210	Nos.		
2	Supplying and fixing of following sub-main circuit wiring with PVC insulated copper conductor single core cable and Laying in PVC Conduit/casing, capping on surface/recessed etc. as required.				
a	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	191	Rmt		
b	2 X 4.0 sq. mm + 1 X 4.0 sq. mm earth wire	100	Rmt		
c	2 X 6.0 sq. mm + 1 X 6.0 sq. mm earth wire	100	Rmt		
d	2 X 10 sq. mm + 1 X 6.0sq. mm earth wire	87	Rmt		
3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required	312	Nos		
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6A & 15/6 A modular socket outlet and 15/6 A modular switch, connections etc. as required	47	Nos		
5	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. (Single pole)				

a	Single Pole	40	Nos		
6	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required 100Amp	4	Nos		
7	Supplying and fixing one module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required	80	Nos.		
8	Supply and Fixing of Fan hook complete in all respect	80	Nos		
9	Installation of 48" Ceiling Fan High Speed complete with connection etc as required	80	Nos		
10	Installation of 20Watt LED Tube Light Fitting complete with connection etc as required	130	Nos.		
11	Supplying and fixing 20 A, 240 V, SPN Industrial type socketoutlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A, "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	3	Nos.		
12	S/I/T/C of Panel made of 14/SWG CRCA Ms Sheet, duly powder coated with siemens gray shade 7035 with door locks, door gaskits complete with gray Busbar 400Amp Al Busbar Panel Size: 1575×1100×300 Incommer: i) 320Amp TP MCCB-01No. ii) Speader link-01No. Outgoing: i) 40Amp Dp MCB 10K -11Nos. ii) 100Amp TP MCCB-02nos. iii) Speader link-02Nos. iv) 40Amp MCB four pole-02Nos. Amp Meter-01, Volt meter-01, Indication-03, ASS-01, DSS-01, CT-03including LCD type Model No. RS-485, C 1 L&T or equivalent make meter complete in all accessories etc as required	1	Job		

13	Supply and fixing of 3 1/2 *70sqmm Aluminum armored cable complete with connection etc as required.	70	Mtr.		
14	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required Above 35 sq. mm and upto 95 sq. mm	70	Mtr.		
15	Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc. as required. 150 mm width X 50 mm depth X 1.6 mm thickness	9	Mtr.		
<b>Total</b>					
<b>GST @18%</b>					
<b>Grand Total</b>					

**Signature of the contractor with Seal**

**Annexure 'B'**

**List of approved make for Electrical works**

<b>S. No.</b>	<b>Particulars</b>	<b>Make</b>
1.	PVC Insulated Copper Conductor cable	Havell's / Polycab / Finolex
2.	Aluminum Armored Cable	Havell's / Polycab / Nicco
3.	AC Box	ABB/MDS/ Hager
4.	MCB/Isolator	ABB/ MDS/ Hager
5.	Distribution Box	ABB/ MDS/Hager
6.	PVC conduits/ casing capping	Setia/ Plasoduct / AKG
8.	LED Lights	Crompton Greaves /Philips/ Havells
9.	Exhaust Fan /Wall Fan	Crompton Greaves / Havells
10.	Cat-6 Data cable	AMP/D-Link / Systimatic
11.	10Amp/20Amp modular light and power plug	Anchor Roma/North West /MK
12.	Digital Meter	HPL /L&T / A E
13.	MCCB	L&T / Havells / ABB
14.	Ceiling Fan	Crompton Greaves High Speed / Havells

**Signature of the contractor with Seal**