

TENDER DOCUMENT

**TENDER FOR SERVICING OF 11.0/ 0.433 KVA
TRANSFORMERS, OIL CIRCUIT BREAKERS AND
DEHYDRATION/ FILTRATION OF TRANSFORMER OIL**

2017-2018

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

www.jamiahamdard.edu

Last date for receipt of Tender	: 29.01.2018	(03.00 PM)
Earnest Money	: Rs. 6000.00	(In the form of Demand Draft in favour of “Registrar, Jamia Hamdard”)
Date of opening of Tender	: 29.01.2018	(3.30 PM)

TOTAL PAGE IN TENDER: 1 to 9

ELIGIBILITY CRITERIA FOR BIDDERS

- A. Only the firms/ agencies having experience of similar works of servicing of transformers, OCB's, VCB's and dehydration filtration of oil may apply.
- B. The firm must have proper T & P for the work and have worked with any Government/ semi Government/ PSU's. The firm must have PAN / GST registration.
- C. The agency should have successfully completed any similar work of a tune of **Rs. 2.24 Lacs** or two similar works of a tune of **1.68 Lacs** or three similar works of **1.12 Lacs** during the last 3 years.
- D. Bidder should have its office preferably in New Delhi/ NCR and engaged specially and professionally in the business of servicing of HT/ LT transformers / panels etc.

JAMIA HAMDARD, HAMDARD NAGAR
NEW DELHI – 110062
www.jamiahamdard.edu

ADVERTISEMENT NO. : **DATED:**

DUE DATE FOR SUBMITTING THE TENDER: **TIME: 5.00PM**

DATE & TIME OF OPENING : **At 03.00 PM**

NAME AND ADDRESS OF TENDERER : -----

TELEPHONE NUMBER, FAX : -----

E-MAIL ADDRESS : -----

EARNEST MONEY DETAILS:

AMOUNT..... (Rupees.....)

DEMAND DRAFT NO.DATED.....

Name of Bank: Amount:

TERMS AND CONDITIONS AND SUBMISSION OF TENDER

1. Only bidders who satisfy the **eligibility conditions** may apply. Sealed Tenders should reach Jamia Hamdard, New Delhi by the last date and time & dropped in the **Tender Box kept in the Purchase Section of Jamia Hamdard.**
2. All sealed envelopes shall be clearly marked with name of work and name of bidder. Tender received late on account of any reason whatsoever shall not be considered and also the tenders received in open condition or by telephonic or faxed tenders or received late by post shall not be entertained.
3. **Tender rates & amount should be filled up in Digits and Words as well.**
4. The tenderer should address their tender form to the Registrar, Jamia Hamdard, New Delhi.
5. The execution/completion of the said work shall not exceed 7 days from the date of issue of the work order.
6. Liquidated damages shall be 0.5% per day subject to a maximum of 5% of the total contract value against delay after expiry of stipulated completion time.
7. Tenderer should sign at the bottom space of all pages of tender document.
8. Earnest Money Deposit of the successful bidder shall be forfeited in the event of withdrawal of his bid or non-completion of the task.
9. Earnest Money Deposit of unsuccessful bidder shall be returned after a decision on the tender is taken. No interest will be paid by Jamia Hamdard on the Earnest Money Deposit.
10. Any effort by a bidder to influence Jamia Hamdard in bid evaluation, bid comparison or contract award decisions will result in rejection of the bidder's bid.
11. Vice Chancellor, Jamia Hamdard, reserves the right either to accept or reject any or all the tenders at any time prior to award of contract.
12. No request for increase in the rates will be entertained during the period of supply of items.
13. All disputes are subject to the jurisdiction of courts in New Delhi.

GENERAL TERMS & CONDITION

- a) The firm shall inspect the site including panels, cables and other acquaints before quoting their rates.
- b) The firm shall engage all the men/materials/tools/plants required for the work at the site till the completion of the work. Jamia Hamdard, will not supply any of the same.
- c) The Jamia Hamdard, will not be responsible for any loss or damage of the men/materials /tools/ plants engaged by the firm during the work at site or transportation.
- d) The firm will be responsible for any loss/damage to the Jamia Hamdard property during the execution of lift work at site.
- e) The electric connection for the erection work will be provided by the Jamia Hamdard free of cost.
- f) The firm shall contact the ‘A.E. (E)/J.E. (E) Jamia Hamdard, Hamdard Nagar, New Delhi-110062 for any technical clarifications.

1.0 EXTENSION OF TIME

Extension of time for completion of the work will be granted in case the work is delayed due to reasons beyond the control of the contractor such as:

- i) Force majeure
- ii) Delays on the part of the owner.
- iii) Delay by some other agency employed by the owners whose work has help up the contractor's work.

2.0 LIABILITY FOR ACCIDENTS/DAMAGES

This contract, the contractor shall be responsible for loss or damage to the plant/equipment/materials unless the work is completed and taken over by the Employer/owner.

3.0 CONTRACTOR LIABLE FOR DAMAGE DONE

Damage done to the property/life/structure due to contractor's operation or neglect will be charged to the contractor.

4.0 DAMAGE TO PERSONS AND PROPERTY, INSURANCE, ETC.

The Contractor shall be responsible for all injury to the work or workmen to persons, animals or things and for all damages to the structural and/or decorative part of property which may arise from the operations or neglect of himself or of any Sub contractor or of any of his or a Sub Contractor's employees, whether such injury or damage arise from carelessness, accident or any other cause whatsoever, in any way connected with the carrying out of this contract. The clause shall be held to include inter-alia, any damage to buildings whether immediately

adjacent or otherwise, and any damage to roads, streets, foot-paths or pathways as well as damage caused to the buildings and the work forming the subject of this contract by rain, wind or any other inclemency of the weather. The contractor shall indemnify the Employer and hold harmless in respect of all and any expenses arising from any such injury or damages to persons or property as aforesaid and also in respect of any claim made in respect of injury or damage under any acts of compensation or damage consequent upon such claim.

5.0 VARIATIONS/RESTRICTIONS OF WORK

Employers / Owners reserve their rights to alter/ delete any item of work as also restrict or increase the quantum of work to be carried out by the contractor. The contractor shall not be eligible for any compensation for such variations. However, the quantum of work carried out will be measured and paid the contract rates.

6.0 PAYMENT TERMS & CONDITION

- a) Full and final payment of 95% will be made after satisfactory completion of the job.
- b) 5% Security amount will be withheld for a period of 6 months which will be reckoned from the actual date of completion.

7.0 ARBITRATION SETTLEMENT OF DISPUTES

- i) If any dispute or difference of any kind what-so-ever shall arise between Jamia Hamdard and the contractor with or arising out of this contract or the execution of the work their under shall be referred to an Arbitrator to be appointed by mutual consent of the parties here in. If the party cannot agree of the appointment of the Arbitrator within a period of one month from the notification by one party to the other of existence of such dispute than the Arbitrator shall be nominated by the Vice Chancellor, Jamia Hamdard. The provision of the Arbitration and Conciliation at 1996 will be applicable and the award made there under shall be final and binding upon the parties here to, subject to legal remedies available under the law of India.

Senior Consultant (E&M)
Jamia Hamdard

Office of the Sr. Consultant (E&M)
Jamia Hamdard, Hamdard Nagar
New Delhi-110062

Dated: 05/01/2018

Sealed item rate quotations are invited for the following electrical works i.e. Repair, Servicing, Dehydration & Filtration of Transformers and Oil Circuit Breakers at Jamia Hamdard, Hamdard Nagar, New Delhi-110062. The bidder should visit the site before submission of Tender. The BOQ of the work is as under:

S.N o	Particular	Qty	Uni t	Rate	Amount
1	Filtration & dehydration of oil of Transformer & oil Circuit Breaker to raise the Dielectric strength as per B.I.S. specification by using electric power of the campus. (400KVAx2+1000KVA+750KVA+500KVA+625 KVA)	3345	ltr		
2	Dismantling Conservator Tank from the top cover for easy access to lift Top Cover & re fixing the same by supplying and providing necessary Gasket, Solution & other hardware materials	6	Nos .		
3	Lifting the top lid cover with conservator & others for necessary Servicing work and re-fixing the same by supplying and providing necessary Gasket, Solution & other hardware materials	6	Nos .		
4	Disconnection of the Primary winding from the L.T. bushes of the Transformer for necessary servicing & repairing works and reconnection of the same after the work.	6	Nos .		

5	Disconnection of the secondary winding from the L.T. bushes of the Transformer for necessary servicing & repairing works and reconnection of the same after the work.	6	Nos .		
6	Checking & servicing of Tap Changing Switch of the Transformer by S & F all necessary materials as required.	6	Nos .		
7	Checking & servicing of all numbers of H.T. terminal bushes as required and re-fixing all the same by supplying & providing new gasket, oil seals, solutions etc as required	6	Nos .		
8	Over all Checking, cleaning & servicing of Transformer by S & F all necessary materials as required	6	Nos .		
9	Servicing of Breather including filling the same by S & F fresh Silica gel.	6	Nos .		
10	Supplying of Transformer Oil for top up of all Transformer with fresh Oil through Oil Dehydration Machine (01Barrel)	209	ltr		
11	Pre-commissioning High Voltage Testing of Six Transformer & connected cables along with test report with the help of Motorized Muggger & D.C. High Voltage injectors Set before commissioning	6	Nos .		
12	Testing of Di electric strength & Acidity of all six Transformers from Labor atom & submission of test Report	6	Nos .		
13	Checking & servicing of 400 AMP Oil circuit Breaker by providing and the necessary materials and tightening the required hardware greasing the operating mechanism as required except any replaceable components. Checking the wiring etc.	7	Nos .		

14	Testing and calibration IDMT Relays of each Oil Circuit Breaker Unit with and the protective circuit through Primary Secondary stimulation	6	Nos		
15	Transportation of Oil Filtration Machine & Pre Commissioning Testing sets to & from job site	1	No.		
16	Providing and fixing of heaters along with thermostat in the HT panel	8	Nos		
17	Replacement of one set HT CTs of 400 A OCB (Crompton Greaves Make)	1	No.		
18	Supply & fixing 70 / 95 Sq mm heat shrinkable / compound type HT cable end termination	1	No.		
19	Checking & servicing of 800 AMP Vacuums circuit Breaker by providing and the necessary materials and tightening the required hardware greasing the operating mechanism as required except any replaceable components. Checking the wiring etc	1	No.		
20	Filtration & dehydration of oil of oil Circuit Breaker to raise the Dielectric strength as per B.I.S. specification by using electric power.	45	Ltr		
21	Servicing & Commissioning of OLTC of 1250 KVA transformer	1	No.		
	Total				

(Signature & Seal of the Contractor)