MAHATMA GANDHI UNIVERSITY
NALGONDA
website: ***www.mguniversity.ac.in***

No. 02/MGU/NLG/2016-17 Dated : 09.10.2016

e-PROCUREMENT TENDER NOTICE

FOR PROCUREMENT OF LAB EQUIPMENTS OF ENGINEERING DEPARTMENTS

Important Dates

Date of release of Tender through e- procurement	:	11.10.2016
Last date & time for submission of bid	:	29.10.2016 at 02:00 pm
Date & time for opening of technical bid	:	29.10.2016 at 03:00 pm
Date & time for opening of financial bid	:	09.11.2016 at 1:00 pm

Online tenders are invited under Two-Bid system through e-Procurement System from the reputed registered manufacturers or their authorized dealers/agencies or reputed suppliers having capacity to provide the **Lab Equipments for Electrical and Electronic (EEE) & Electronics & Communication Engineering(ECE) Departments** at Mahatma Gandhi University, Nalgonda as per the technical specifications & required quantity (as mentioned in Annexure-I and Annexure-II) , and as per Terms & Conditions of the Contract and through e-tendering procurement process.

REGISTRAR

ANNEXURE –I

TECHNICAL BID FORMAT

DEPT. OF EEE : POWER SYSTEMS LAB

Sl.No.	Product Description	Qty
eee 01.	**Determination of regulation & efficiency of Transmission line model.** Performance and testing of Transmission line model 220KV/400km model Consists of a panel board (2'x8'x20mm) with 30 terminals, 3phase autotransformer, 1No. inductors, capacitors, 2Nos 500V (AC, Digital), 2Nos 10A (AC,Digital) and 4 Nos WattMeters 500V, 10A analog **NOTE:-** The Equipment should be installed with all the Accessories and Peripherals for conduction of the above Experiment.	**01**
eee 02.	**IDMT characteristics of Over-current relay [Electro mechanical type].** IDMT characteristics of Over-current relay [Electro Mechanical Type]. Control panel board (2'x4'x200mm) With 30 terminals, 1 No 1-ΦAuto Transformer 8 A 1 No Current Injecting Transformer 25A, 1 No Current controlling Choke 22A, 1 No C.T 30/1, 1No Digital Ammeter (0-30 A), 1 No Stop Watch, 1 No 4-Pole 16 A Contactor. **NOTE:-** The Equipment should be Installed with all the Accessories and Peripherals for conduction of the above Experiment.	**01**
eee 03.	**Differential protection of 1- phase transformer.** 1-phase Transformer VA rating - 3KVA Voltage rating – 110/220 volts Current Rating – 27.27/13.64 amps 1-phase variac (220/0-270) volts, 50Hz, 28 amps 1-phase current transformer 5KVA, 50/5 amps 1-phase current transformer 3KVA, 25/5 amps	**01**

	Inverse Over Current relay (0.5-2) amps 1-phase Load bank 230volts, 20 amps Rheostat 69 ohms, 250 volts, 40 amps Analog Ammeter MI type (0-30) amps Analog Ammeter MI type (0-15) amps Analog Ammeter MI type (0-5) amps – 3 no's Analog Ammeter MI type (0-1) amps Analog Voltmeter MI (0-150) volts **NOTE:-** The Equipment should be Installed with all the Accessories and Peripherals for conduction of the above Experiment.	
eee 04.	**Sequence impedance of 3-Phase Alternators.** Sequence impedance of a cylindrical Rotor Synchronous Machine: Control panel board (2'x4'x200mm) with 30 terminals, 1No Auto transformer 6A Along with Voltmeters, Ammeters & necessary accessories for smooth conducting above experiment. **NOTE:-** The Equipment should be installed with all the Accessories and Peripherals for conduction of the above Experiment.	**01**
eee 05.	**Sequence Impedance of 3 phase Transformer.** 3-phase Transformer VA rating - 5KVA Voltage rating – 400/200 volts Current Rating – 26.24/12.55 amps [Open Winded, 6 Terminals on Primary, 6 Terminals on Secondary for Star- Star, Star- Delta, Delta – Delta, Delta – Star] 1-phase variac (220/0-270) volts, 50Hz, 28 amps 3-phase variac (440/0-470) volts, 50Hz, 15 amps Rheostat 69ohms, 5 amps Analog Ammeter MI type (0-20) amps Analog Voltmeter MI (0-50) volts **NOTE:-** The Equipment should be installed with all the Accessories and Peripherals for conduction of the above Experiment.	**01**

ANNEX URE-II

FINANCIAL BID FORMAT

#	Name of Lab Equipment with Description/Specification	Qty. Reqd.	Unit	Unit Rate (inclusive of all duty / taxes **encluding VAT**)	Total Unit Rate
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10					

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INFORAMATION SUPPORTING CAPACITY / CREDIBILITY

1. The bidder should have Digital Signatures so as to enable him to submit his/her bids online through e-tendering.

2. The bidder should be manufacturer/authorized dealer of a manufacturer. He is required to furnish Performance Certificate for the last three years showing turnover of the category of the items for which bid is submitted.

3. The bidder has to produce the proof of supplying the similar items in preceding 3 years to the Technical/Teaching/Research Institution of well known high standard Institutions and other Laboratories etc.

4. The bidder must furnish details of their best/reputed 10-15 customers with full address, telephone number etc.

5. The bidder must furnish details of some supplies of relevant equipments made, like name of the equipments, order number, cost and date of supply etc. during the last financial year.

6. If the bidder is manufacturer, he/she must furnish details of its organization, stating the number of personnel employed, manufacturing facilities, after sales service facilities and quality control systems.

7. If the bidder is authorized dealer, he/she must furnish details of its organization, stating the number of personnel employed, tie-ups for after sales service facilities.

8. All the quoted items/equipments should be of standard make.

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GUIDELINES/PROCEDURE TO BE FOLLOWED IN INTRODUCTION OF e- PROCUREMENT SOLUTION

1. Payment Of Cost Of Tender Documents:- The Tender document can be downloaded from website on payment of Rs.1000/-(Rupees one thousand only) in the form of crossed Demand Draft on any Nationalized Bank drawn in favour of the Registrar, Mahatma Gandhi University, Nalgonda payable at Nalgonda .
   Photo copy of the DD is to be scanned and uploaded along with the bid, and the original DD shall be sent to Registrar, Mahatma Gandhi University, Nalgonda,

2. Tender fee once paid is neither refundable, transferable nor adjustable for other tenders. The tender form is non- transferable and should be purchase in the exclusive name of the party who has to actually submit the offer.

3. Submission Of Bids:- The bidders who are desirous of participating in „e"-procurement shall submit their price bids in the standard formats prescribed in the Tender documents , displayed at e-procurement.gov.in The bidder should upload the scanned copies of all the relevant certificates, documents etc. at e-procurement.gov.in in support of their price bids. The bidder shall sign on all the statements, documents, certificates, uploaded by him, owning responsibility for their correctness/authenticity.

3. Payment Of Bid Security (Earnest Money Deposit):- The EMD has been shown
   in the e-procurement Tender Notice. The EMD shall be in the form of the Demand Draft/Pay order of Nationalized Bank/Fixed Deposit Receipt of a
   Nationalized Bank issued in favour of Registrar, Mahatma Gandhi University.

   Zerox/Photo copy of the DD/PO/FDR is to be scanned and uploaded along with the bid, and the original DD/PO/FDR shall be sent to Registrar, so as to reach before the date of closing of the bids. Failure to furnish the original DD/PO/FDR before the closing of the bid will entail rejection of bid.

4. Price Bid Opening:- The Price Bids will be opened online by the concerned officer /officers at the specified date & time and the result will be displayed on the e-procurement.gov.in, which can be seen by all the bidders who participated in the tenders. If any of the date earmarked for opening of technical or financial bids happens to be holiday, the bids will be opened on the very next working day.

5. Processing Of Tenders:- The concerned officer/officers will evaluate and process the tenders as done in the conventional tenders and the documents will be communicate to the bidder online.

6. Payment Of Performance Guarantee:- The successful bidder shall furnish a FDR of the value of 10% of the cost of the item. In case the performance of the item is not found satisfactory, the performance security will be forfeited.

7. Participation Financial Rules For E-Procurement:- The e-procurement system would be applicable for purchase of goods, outsourcing of services and execution of work as prescribed in General Financial Rules.

8. Clarification/Assistance: -For any query/clarification in respect of Technical aspect of the enquiry contact email: registrar_mgu@yahoo.com

Sd/-
REGISTRAR