

Annexure "B"

GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR
125001

Invitation for Quotations for supply of goods

No. EEE/3271-76

Date: 07-11-23

To

The supplier.

Subject: Invitation for quotation for supply of Experimental Equipments/trainer Kits for the Development of Electrical Machines II Laboratory.

Dear Sir (s),

You are invited to submit your most competitive quotation for the following equipment (s) as per the attached Terms and Conditions of purchase at GJUS&T, Hisar. The list of items is as follows:

S. No.	Description of Items
1.	The detailed Technical Specifications of Experimental Equipments/trainer Kits along with quantity is attached as Annexure-I.

The quotation must be provided on your letter head accompanied with relevant information/catalogue of the equipment to be supplied. The Terms and Conditions document attached herewith must be submitted along with the quotation and must be signed and stamped by the authorized person of the quoting firm. The sealed quotation should reach at the following address on or before 30-11-2023 upto 02:00 PM through registered/speed post.

Address: The Chairman, Department of Electrical & Electronics Engineering

Teaching Block-7, First Floor,

Guru Jambheshwar University of Science and Technology,

Hisar (Haryana)-125001

06/11/2023
Chairperson (EEE)

Terms and Conditions

1. QUOTATION SIGNING:-

The quotations must be signed by authorized signatory of the bidding firm/company on each page, along with seal of the firm/company, as the case may be.

2. Conditional Quotation:-

Conditional quotations are not acceptable. Hence the supplier is advised neither to alter the specifications nor to mention anything on the quotation form, except cost, signature with seal, otherwise the quotation will not be considered.

3. Delivery Destination:-

The quotations should be quoted as FOR GJUS&T, Hisar. The transit insurance and freight charges etc, if any, needs to be mentioned separately of the basic/ex-works price of the quoted item.

4. Delivery Acceptance:-

The delivery of the material will be handed over to the authorized official of the concerned indenting Department/Office. However, the goods will be deemed accepted subject to the approval by the inspection committee of GJUS&T, Hisar. In case of rejection of the consignment, the supplier should immediately remove the consignment from the university premises within seven working days, failing which it will remain there at the risk and responsibility of the supplier and university will not be responsible for any kind of liability in this regard.

5. Delivery Period: -

The supply is to be made within 45 days of the date of dispatch of the supply order. However, in case of imported goods this time limit will be 90 days.

6. Delivery Period Extension:-

The supply order(s) shall be executed within the time specified in this regard. However, in case of force Majeure / reasons beyond control of the supplier, he may make a written request to the Vice-Chancellor for grant of extension for delivery period. The written request in this regard should clearly spell out such reason.

The ViceChancellor, if he/she is satisfied with such reasons and further if the requested extension will not be detrimental to the interests of the university, may grant extension for a reasonable period for delivery of the goods. The supplier would be required to indemnify the university against any loss on account of downfall of the price during the extended period.

7. Penalty for delayed supply:-

In the event of the delayed supply, if accepted, the Registrar will be competent to impose penalty @ 1% per day of the purchase order, provided that the entire amount of penalty shall not exceed 10% of the total amount of purchase order. The supply will be deemed to be complete on the day when 100 % supply is handed over to the indenter (in case of supply in installments) and its installation is done. An appeal

against these orders shall, however, lie to the Vice Chancellor whose decision shall be final.

8. Rejection of incomplete Quotations:-

Incomplete quotations such as unsigned quotations, late submitted quotation, conditional quotation, quotation not confirming to the eligibility criteria and Technical specification or with any vague term such as 'Extra as applicable', will be considered as rejected.

9. Quantity Variation:-

The quantity shall be subject to increase or decrease as the case may be.

10. Manual/literature:-

The detailed literature/catalogue of the quoted instrument and its accessories should also be attached with the quotation. The specifications claimed by the firm should be clearly mentioned in the literature/catalogue also. Its manual should also be supplied with the equipment.

11. Taxation:-

GST/Custom duty etc. indicating the rate of taxes, should be quoted independent of the ex- works price of the item and it will be paid as applicable under Government rules, if so quoted by the Supplier in the quotation, subject to the certificate in the bill as follows.

"Certified that the GST/Custom duty charged in this bill is leviable under Government Rules".

In the absence of any indication to taxation by the supplier, it is to be assumed that the price quoted includes tax elements and no claim for the taxes or statutory variations thereon should be entertained after opening of quotation.

12. Right to Bid rejection:-

The University reserves the right to reject any or all offers at any stage without assigning any reason.

13. Packaging of Consignment:-

The material should be packed in a strong case so as to avoid any damage, theft or pilferage in the transit, in which case the responsibility shall be that of the supplier.

14. Warranty:-

The warranty should not be less than 24 months from the date of successful installation of the equipment.

15. Performance Warranty:-

The successful bidders will be required to submit a performance warranty in the form of bank guarantee equal to 10% of the purchase order for the warranty period of the equipments for equipments/goods above Rs.5,00,000/- from the date of successful installation. After receiving the 10% PBG, the EMD, if any, may be released/returned to the firm by the intender of the department/office of university through Account Branch.

16. **Payment:-**

The payment will be made within 30 working days of the successful installation and its inspection and further after the on-site training imparted, if it is the requirement of the quotation.

17. **Currency:-**

The rates be quoted in Indian Rupee (INR). However, in case of imported item it may be quoted in foreign currency where in the date of opening of quotation will be taken as the conversion date for bid evaluation and comparison purpose.

18. **Schedule:-**

The quotation floating date is 09 November, 2023. The sealed quotation should reach in the office of Chairman EEE on or before 30-11-2023 upto 02:00 PM through registered/speed post. The quotation will be opened on the same day at 03:00 PM. in the office of the Chairman EEE. Quotation received after 02:00 PM will not be considered.

19. **Arbitration:-**

In case of any dispute both the parties will be bounded by the decision of the Vice Chancellor, GJUS&T, Hisar, as the arbitrator.

20. **Jurisdiction:-**

All disputes shall be subject to Hisar jurisdiction.

Chairperson/Intender

The terms & conditions of quotation have been read and I/We certify that I/We clearly understand the same and undertake for its compliance

Place: -----

Dated: -----

Signature of authorized representative of the
bidding firm/company with seal.
(Affix Rubber Stamp of the firm)









S. No.	Detailed Technical Specifications of Electrical Machines II Laboratory	Qty.
1.	<p>Experimental Setup to perform Load test on a 3-phase induction motor & DC generator set.</p> <p>Details: 1 M. G. Set Comprised of Squirrel cage induction motor (Siemens/ABB/Crompton/Kirloskar/Havells make) of 3 Phase, 3 HP, 415V, 1440 RPM, DOL Starter (L&T/ABB/Siemens Make) coupled with DC Shunt Generator (ISO reputed brand make) of 2 KW, 1440 RPM, 230 Volts.</p> <p>Experimental panel fitted on Engraved Bakelite sheet enclosed in almirah type box suitable for table mounting with all necessary connection/circuit terminals (insulated), measuring instruments (voltmeter, ammeter & wattmeter of AE/ABB/Siemens make), protective devices and other relevant accessories.</p>	01
2.	<p>Experimental Setup to perform the open circuit test and block rotor test on three phase induction motor.</p> <p>Details: Squirrel cage induction motor (Siemens/ ABB/ Crompton/ Kirloskar/ Havells make) 3 Phase, 3 HP, 415V, 1440 R.P.M. with DOL Starter (L&T/ABB/Siemens Make) and Brake Pony loading arrangement</p> <p>Experimental panel fitted on Engraved Bakelite sheet enclosed in almirah type ms box suitable for table mounting with all necessary connection/circuit terminals (insulated), measuring instruments (voltmeter, ammeter & wattmeter of AE/ABB/ Siemens make), protective devices and other relevant accessories.</p>	01
3.	<p>Experimental Setup to find out the rotor resistance of a poly phase slip ring induction motor.</p> <p>Details: Slip-ring Induction Motor (Siemens/ABB/Crompton/ Kirloskar/ Havells/ISO reputed brand make) of 3 HP, 415 V, 1440 RPM with Rotor Resistance Starter (L&T/ABB/Siemens/ ISO Reputed brand make) and Brake Pony loading arrangement.</p> <p>Experimental panel fitted on Engraved Bakelite sheet enclosed in almirah type ms box suitable for table mounting with all necessary connection/circuit terminals (insulated), measuring instruments (voltmeter, ammeter & wattmeter AE/ABB/Siemens make), protective devices and other relevant accessories.</p>	01
4.	<p>Experimental Setup to find voltage regulation of Alternator.</p> <p>Details: 1 M. G. Set Comprised of DC Shunt Motor (ISO reputed brand make) of 3 HP, 220V, 1440 RPM, directly coupled to separately excited Alternator (ISO reputed brand make) of 3 Phase, 2 KVA, 415 V, 1440 RPM with Resistive Load of 5 KW, Inductive Load of 6 A and Capacitive Load of 5 A.</p> <p>Experimental panel fitted on Engraved Bakelite sheet enclosed in almirah type ms box suitable for table mounting with all necessary connection/circuit terminals (insulated), measuring instruments (voltmeter, ammeter & wattmeter of AE/ABB/ Siemens make), protective devices and other relevant accessories.</p>	01
5.	<p>Experimental Setup to plot V-Curves on synchronous machine.</p> <p>Details: 1 M. G. Set Comprised of Self synchronised Synchronous Motor (ISO reputed brand make) of 3 Phase, 3HP, 1440 RPM, 440 volts coupled with DC Shunt Generator (ISO reputed brand make) of 1.5 KW, 230 V, 1440 RPM and DC Shunt Motor (ISO reputed brand make) 1 HP for excitation.</p> <p>Experimental panel fitted on Engraved Bakelite sheet enclosed in almirah type ms box suitable for table mounting with all necessary connection/circuit terminals (insulated), measuring instruments (voltmeter, ammeter & wattmeter AE/ABB/Siemens make), protective devices and other relevant accessories.</p>	01
6.	<p>Universal Motor (ISO reputed brand make) 1HP, 1440 RPM, 240 volts with Brake Pony loading arrangement.</p>	01
7.	<p>Brushless DC Motor Trainer</p> <p>Details: Brushless DC Motor of 01 HP (min), 2000 RPM (min), 60 Volt (min) with Brake Pony loading arrangement, suitable adaptive power controller.</p>	01
8.	<p>Permanent Magnet Synchronous Motor</p> <p>Details: Permanent Magnet Synchronous Motor (ISO reputed brand make) of 01 HP (min), 1440 RPM, 220 Volt with Brake Pony loading arrangement, Adaptive Controller for above motor.</p>	01

	Experimental panel fitted on Engraved Bakelite sheet enclosed in almirah type ms box suitable for table mounting with all necessary connection/circuit terminals (insulated), measuring instruments (voltmeter, ammeter & wattmeter of AE/ABB/Siemens make), protective devices and other relevant accessories.	
9.	Switched Reluctance Motor Trainer Details: Switched Reluctance Motor (ISO reputed brand make) of 220V, 0.5HP, 4 pole Switched reluctance motor with position feedback arrangement. Experimental panel fitted on Engraved Bakelite sheet enclosed in almirah type ms box suitable for table mounting with all necessary connection/circuit terminals (insulated), measuring instruments (voltmeter, ammeter & wattmeter of AE/ABB/Siemens make), protective devices and other relevant accessories.	01
10.	Single phase Servomotor (ISO reputed brand make) of 750 watt, 220 volt, 4000 rpm with adaptive controller.	01
11.	AC Wattmeter Portable, 1-Phase, 5/10A, 150/300/600V, 250/500 Watt (AE/ABB/Siemens Make)	02
12.	AC Wattmeter Portable, 1-Phase, 5/10A, 75/150/300 V, 150/300 Watt (AE/ABB/Siemens Make)	02
13.	AC Ammeter Portable Moving Iron 1/2A (AE/ABB/Siemens Make)	02
14.	AC Ammeter Portable Moving Iron 5/10A (AE/ABB/Siemens Make)	02
15.	AC Voltmeter Portable 150/300 (AE/ABB/Siemens Make)	02
16.	AC Voltmeter Portable 300/600 (AE/ABB/Siemens Make)	02