

**GURU HAMBHESHWAR UNIVERSITY OF SCIENCE &
TECHNOLOGY HISAR-125001, HARYANA**

Invitation for Quotations for supply of goods

PDUIIC/23/ _____

Date: _____

To

--any other suppliers---

Subject: Invitation for quotation for supply of Electronic Test and Measurement Equipments for IOT Lab in Incubation Centre.

Dear Sir/Madam

You are invited to submit your most competitive quotation for the following equipment item (s) with the following terms and conditions:-

List of items

Sr. No	Brief description of the items with Specifications & Quantity
1.	Electronic Test and Measurement Equipments for IOT Lab in Incubation Centre (Specification with quantity at Flag-X)

The quotation must be provided on your letter head accompanied with relevant information/catalogue of the equipment/items to be supplied. The terms and condition document attached herewith must be submitted along with 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 15.02.2023 upto 05:00 P.M

Address: -

Pandit Deendayal Upadhyaya Innovation and Incubation Centre (PDUIIC),
Guru Jambheshwar University Science & Technology,
Hisar-125001 (Haryana)

Deputy Director, PDUIIC
(DITECH)

Terms and Condition:-

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 Majure / 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 Vice-Chancellor, 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/items 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.

However, wherever exemption from GST/custom duty is applicable, the university will provide the exemption certificate; along with supply/purchase order itself. In case of imported goods the custom clearance is to be arranged by the supplier at his own level. Charges, if any, in this regard, however, need to be mentioned accordingly in the quotation itself. University will provide necessary documents for this purpose. In case the quotation is silent with regard to taxation and clearance charges etc, no such charges will be paid by the university.

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/items.

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/items 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 01.02.2023. The sealed quotation should reach in the office of PDUIC on or before 15.02.2023 upto 05:00 PM. The quotation will be opened on the next working day at 02:30 PM in the office of the PDUIC. Quotation received after 15.02.2023 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.

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

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

Place:-----

Dated:-----

Rubber Stamp of the firm)

Specifications of Electronic Test and Measurement Equipments for IOT Lab

S. No.	Specifications of the Items	Qty.
1	<p>50 MHz Dual Channel Digital Storage Oscilloscope Bandwidth: 50 MHz; Channels: 02 Real time Sampling rate: 1 GS/s on all channels Simultaneous Record Length: 20K point on all channels Display: 7 inch WVGA/TFT LCD color display Facility to enable & disable Autoset function 32 Automated measurement, Trigger frequency counter USB Host & device Interface. Courseware/Content for Basic experimentation should be available on oscilloscope with single button on front panel. Manufacturer Should have its own service centre& NABL Accredited Calibration Lab in India Warranty: 05 Years</p>	01
2	<p>25 MHz Dual Channel Function Generator Frequency of Sinewave: 25 MHz No. of Channels: 2 Analog Bandwidth for Arbitrary waveform: 25 MHz Amplitude: 20mVp-p to 20 Vp-p Dual-channel output; 125MSa/s Sample Rate, 14bit vertical resolution. Frequency: Sine: 1μ Hz to 25 MHz; Square: 1μ Hz to 12.5 MHz Pulse: 1μ Hz to 12.5 MHz; Ramp: 1μ Hz to 1 MHz; Noise: 25MHz, Arbitrary: 1μ Hz to 10MHz, Standard USB host/device interface Software for waveforms editing by an external USB memory stick Built-in waveforms Sine, Square, Pulse, Ramp, Noise, and 45 arbitrary waveforms Arbitrary: 1 μ Hz to 10 MHz: 64 MByte internal non-volatile memory ; Memory length : 2 to 8,192; Frequency Resolution: 1 μ Hz or 12 Digits, Display: 3.95-inch, Manufacturer should have service center & NABL Accredited Lab in India Warranty: 5 Years</p>	01
3	<p>Multiple Output DC Power Supply DC Output: A : 0-30 V, 2A, continuously variable by means of Coarse and Fine controls B: 5V, 5A adjustable from (4V - 6V) C:0 - \pm15V, 1 A Dual Tracking adjustable Setting Resolution: Voltage: 10 mV Current : 2mA Stability: 2.5 mV at (32 \leq 15 mΩ V / 2A, 5V / 5A, \pm15V / 1 A) Load Regulation: \pm (0.05 % +100 mV), Line Regulation: \pm (0.05 % +100 mV) Temp. Coefficient: \pm (0.05 % + 5 mV / $^{\circ}$C), Ripple & Noise: 1 mVrms Display: 3 digit for voltage & 3 digit for current LED indication for voltage & current Over Range Indication: Glowing 'ORA' or 'ORB', 'ORC ' or 'ORC ' LEDs indicate Overload</p>	01
4	<p>Digital Multimeter 4000 counts Digital Multimeter with frequency & capacitance measurement with terminal blocking facility. Direct and alternating voltages from 100μV ... 1000V Direct and alternating currents from 10μA ... 10.00A Resistance from 1Ω... 40.00MΩ with zero correction Capacitance from 1pF ... 200.00 microF with zero correction Frequencies from 10.00Hz ... 500kHz Diode measurement and continuity testing Hold measurement . Relative measurement Duty cycle (%) measurement Temperature measurement with K type Thermocouple Backlit Facility</p>	01
5	<p>Soldering Station Digital with Microcontroller based temperature Control,</p>	01

	<p>Display for Set / Read of temperature, Facility to store Last set value of temperature in memory, Burn proof silicon cable with thermal resistance up to 600°, Temperature Range: soldering : 180 to 480 Deg C ,Power consumption : 60 W; Temp stability : $\pm 10^{\circ}\text{C}$; Temp accuracy : $\pm 1^{\circ}\text{C}$ of tolerance at idling time, Tip to ground potential: Under 2 mv; Tip to ground resistance: Under 2 Ohms Included Accessories: Complete Soldering Handle: 01; Stand: 01 ; Sponge: 01</p>	
6	<p>Rework System (Soldering, Desoldering & SMD hot air) Should have Accurate and advanced temperature Control with microcontroller technology, User-friendly operation, Set / Read of temperature Increase and Decrease of keys to set temperature once set the read temperature will display after two seconds by default, Temperature control accuracy $\pm 1\text{ C}$ Last set value of temperature is stored in memory, Digital calibration will be done through micro controller to avoid analog components tolerances Password protection feature to stop tampering with set temperature by the operators for (Bulk Customers) Burn proof silicon cable with thermal resistance up to 600 C Soldering : Power consumption : 60W Input voltage : 190 to 290 V AC Temperature range : 180 to 480 °C Temperature stability : $\pm 10^{\circ}\text{C}$ Temperature accuracy : $\pm 1^{\circ}\text{C}$ of tolerance at idling time Tip to ground potential : under 2 mV Desoldering: Tip to ground resistance : under 2W Desold: 70 watts Input : 170 to 270 V (190 to 290 V AC) Temperature range : 180 to 480°C Pump : diaphragm type Vacuum : 600 mm/Hg For SMD Rework Power consumption : 270W Air pump : diaphragm pump Capacity : 24L/min Hot air temperature : 200 to 550°C Temperature accuracy : $\pm 1^{\circ}\text{C}$</p>	01

Prof. Munish Gupta
Dy. Director (PDUIC)

Dr. Sumit Saroha
Dy. Director (PDUIC) DITEC
& A. P. Electrical Engg.)

A. R. (Budget)

Dr. Abhimanyu Singh
Deptt. of ECE