

ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH
Techno Campus, Ghatikia, P.O.-Mahalaxmi Vihar
BHUBANESWAR-751029 ODISHA, INDIA

No.420/SES/OUTR, Dated: 19.02.2024

TENDER CALL NOTICE

Sealed tenders are invited under two bid systems from reputed original manufacturers/registered firms/ Agencies for the supply of equipment for Electronics Circuits Laboratory of School of Electronic Sciences. The sealed tender will be received by speed post/ registered post/ Courier only. **No hand delivery will be accepted. The authority will not be held responsible for any postal delay.** Tender received after the scheduled date and time will not be accepted. The date of opening the various tenders is mentioned in the respective tender document, which will be opened in the office of the Head of School Electronic Sciences, Odisha University of Technology and Research, Bhubaneswar in the presence of bidders and/or their nominees. **The last date of tender submission is 12.03.2024 at 3:00 P.M.** The tender bid documents with details of terms and conditions are to be downloaded from the University Website: www.outr.ac.in.

The authority reserves the right to reject/cancel the tenders in whole or in part without assigning any reason thereof.

REGISTRAR

BIDDING DOCUMENTS AND INSTRUCTION TO SUPPLY EQUIPMENTS
FOR
ELECTRONIC CIRCUITS LABORATORY
OF
SCHOOL OF ELECTRONIC SCIENCES



ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH

Techno Campus, P.O.: Mahalaxmivihar,
BHUBANESWAR -751029, INDIA

INVITATION FOR BIDS

Registrar, Odisha University of Technology and Research, Bhubaneswar invites sealed bids from eligible bidders for supply of machineries/ equipment to Electronics Circuits Laboratory of School of Electronic Sciences.

Interested eligible Bidders may obtain detail information and list of items with technical specifications from **the University website** www.outr.ac.in

Particulars about submission of bidding document are as follows:

- (a) Price of bidding document : **Rs. 7080/- (service tax is included)**
(non-refundable)
- (b) Bid Security (EMD) : **Rs.41,650.00**
- (c) Date of availability of Bidding Document in the website: **19.02.2024**
- (d) Last date and time for submission of bids: **12.03.2024 up to 4.00 pm**
- (e) Time and date of opening of technical bids: **13.03.2024 at 3.00 pm**
and financial bid
- (f) Place of opening of bids: **School Electronic Sciences
Odisha University of Technology and Research
Techno-Campus, Ghatikia, Mahalaxmi Vihar,
Bhubaneswar-751029**
- (g) Address for communication: **Registrar,
Odisha University of Technology and Research
Techno-Campus, Ghatikia, Mahalaxmi Vihar,
Bhubaneswar-751029**
- (h) For any technical query : **Prof. Madhab Chandra Tripathy**
please contact **Head of School Electronics Sciences**
Phone No- 9437295015
Email:- hosels@outr.ac.in

Registrar

1. Eligibility of Tenderer and General Instructions

1.1 Eligibility

Those who fulfill the following criteria are eligible to participate in the tender.

1.1.1 The tenderer should preferably be a reputed Original Manufacturer/ Authorized Distributor, who should provide the documents relating to their **Manufacturing Capabilities** as follows.

- a) The tenderer should possess valid GSTIN No.
- b) The Company should be ISO: 9001-2008.
- c) The Company should be registered with Tax Department.
- d) The turn-over of the company should be more than Rs. Two Crores in the last five years.
- e) The company must have cleared all Tax payment up to date. Attested copies of all Tax Clearance Certificate or non-assessment certificate from the concerned Tax Authority valid up to date and attested copy of Income Tax Clearance Certificate or non-assessment certificate, as the case may be, from the competent authority, up to date and PAN Number and GSTIN No. must be enclosed along with the Tender documents.
- f) If the tenderer is an Authorized Distributor of a reputed manufacturer, necessary certificate to this effect from his manufacturer must be enclosed.
- g) All after sales support should be provided directly by the manufacturer only.
- h) The tenderer must provide evidence of successful execution of supply orders with installation and successful and uninterrupted performance after sales support in reputed organizations like NITs/IITs/Central Research Laboratories in last 3 years.

1.2 General Instructions

- a) **The selection for procurement of equipment will be based on quality and performance along with cost. In this context decision of technical committee is final based on documentary evidence or actual physical verification.**
- b) Submission of more than one bid by a particular tenderer under different names is strictly prohibited. In case it is discovered later-on that, this condition is violated, all the tenders submitted by such tenderer/s would be rejected or contract cancelled.
- c) The tenderer should mention in the tender paper, the location of its service center in or nearest to Bhubaneswar.
- d) All offers should be in English and the price quoted for each item should be firm.

- e) Warranty period, delivery period and after-sale-service conditions, etc. are also to be clearly indicated.
- f) The rates and the conditions of the offer will remain valid for three months from the date of opening of the tender and no change or alteration of the rate will be acceptable on any account.
- g) Submitted tender forms with overwriting or erased or illegible specifications and rates will be rejected.
- h) Request from tenderer in respect of additions, alterations, modifications, corrections, etc. of either terms & conditions or rate after opening of the bid may not be considered. However, negotiation may be made before finalization.
- i) Tenderers shall carefully examine the bid documents and fully inform themselves of all the conditions, which may in any way affect the cost of the work thereof.
- j) If a tenderer find discrepancies or omissions from the specification or other documents and any doubt as to their meaning, he should at once notify the purchaser and obtain clarification in writing.
- k) This, however, does not entitle the tenderer to ask for time beyond the due date fixed for receipt of tenders.
- l) Verbal clarification and/or information given by the purchaser or its employees or representatives shall not be binding on the purchaser.
- m) Submission of sealed bid will carry with the implication that the tenderer agrees to abide by the conditions laid down in the detailed particulars of the bid notice.
- n) Conditional offers and offers qualified by vague and indefinite expression, as 'subject to immediate acceptance' 'subject to prior sale,' etc. will not be considered.
- o) While tenders are under consideration, tenderers and their representatives or other interested parties are advised to refrain from contacting by any means, to the purchaser's personnel or representatives on matter relating to the tenders under study.
- p) The purchaser, if necessary, will obtain clarification on tenders by requesting such information from any or all the tenderers either in writing or through personal contact as may be necessary.
- q) The tenderer will not be permitted to change the substance of his offer after the tenders have been opened. In the event of non-compliance with this provision, the tenderer is liable to be disqualified.

1.3 Procedure for Submission of Tenders

The Tenderers must submit their bids as required in two parts in separate sealed covers prominently super scribed as Part-I "**Technical Bid**" and Part-

II “**Financial Bid**” and indicating on each of the covers the “**Tender call Notice Number & Date**” and **due date and time** as mentioned in Tender Call Notice.

Part-I (Technical Bid)

Excepting the price schedule, all other documents as mentioned in Para on 1.1 i.e details of **technical specifications, leaflet, Copy of Firm Registration Certificate from the competent authorities, All Tax Clearance certificates, PAN Card copy, proof of GSTIN No., list of clients, authorization certificate from Manufacturer in case of Dealer, etc.** along with **tender document duly signed** by the authorized person in each page shall be covered in Part-I (Technical Bid).

Part-II (Financial Bid)

All indications of price shall be given in Part-II (Financial Bid)

- a) Both sealed covers Part-I “**Technical Bid**” and Part-II “**Financial Bid**” should be placed in a third cover along with requisite **EMD & Cost of Tender Documents** (separately in the form of DD drawn in favour of **Registrar, Odisha University of Technology and Research, Bhubaneswar** at any Nationalized Bank payable at Bhubaneswar), others requisite supporting documents etc. and sealed. The sealed cover containing tender documents as per procedure indicated above should be submitted by speed post /Registered Post/ Courier to the **Registrar, Odisha University of Technology and Research, Techno-campus, Mahalaxmi Vihar, Ghatikia, Bhubaneswar-751029, Odisha** within the due date and time as stipulated in Tender. **No hand delivery is accepted.** The sealed envelope must show the name of the tenderer and his address and should be super scribed as “***Tender for supply of Equipment for Electronics Circuits Laboratory of School of Electronic Sciences***” on the top of the envelope.
- b) All the documents submitted must be in the papers showing signature of the tenderer with official seal.
- c) All the documents must be submitted in a **sequential manner** with **separator/flags** to help in quick scanning of the topics. Wherever possible, data in tabular form should be given.

2. Requirements by Tenderer before Supply

2.1 Rating Plate, Name Plate and Labels

Each of the equipment is to have permanently attached to it, a rating plate of non-corrosive material in a conspicuous position, upon which the total specifications along with the manufacturer’s name, address, etc. are to be engraved.

2.2 Packaging

All the equipment shall be suitably protected, covered in water -proof packing and crated to prevent damage or deterioration during transit and storage till the time of installation at no extra cost. The supplier shall be responsible for any loss or damage caused during transportation, handling, or storage till their successful installation.

2.3 Inspection

- a) The test shall be conducted, reported and certifications to be provided by the tenderer.
- b) The tenderer shall provide all test and measuring equipment/tools required for inspection / testing.
- c) OUTR reserves the right to reject any equipment if it does not comply with the specifications during site testing, installation, and commissioning stage.
- d) Inspection & testing would be conducted, jointly, at various stages as applicable during unpacking, installation, and commissioning of respective equipment / components at the installation site before issue of successful performance report.

3. Requirements by Tenderer after Supply

3.1 Supply

- a) The material should be delivered by the supplier at **School of Electronic Sciences, Odisha University of Technology and Research, Techno Campus, P.O. Mahalaxmi Vihar, Ghatikia, Bhubaneswar – 751029, Odisha.**
- b) The items should be supplied having passed all tests successfully with certifications as required.
- c) The equipment should conform to the latest relevant National/ International standards and shall be compatible and complete in all respect.
- d) Any component, fitting etc. which may not have been specifically mentioned in the specifications but which are usual and necessary for the equipment, shall be supplied by the tenderer at no extra cost.
- e) In case, articles are found damaged in transit or found short at the time of delivery the full cost of the same will be deducted from the bill of the supplier in case the supplier does not replace the stock within a week from the date of the complaint.
- f) The articles ordered must be supplied in one lot within **4 (four) weeks** of placing of the order.

- g) In case of failure of supply, OUTR reserves the right to procure the materials from alternative sources at the risk and cost of the successful tenderer giving 15 days' notice.
- h) Any increase in tax and duties after expiry of delivery period will be borne by the supplier.
- i) In case the items supplied by the supplier are found not up to the specification shall be rejected.
- j) The supplier will be intimated to take back the stocks at his own cost within three days from the date of rejection and to replace the same within 7 days, failing which the EMD will be invoked in addition to taking legal actions.
- k) The equipment shall be delivered and installed at site at the cost of the tenderer.
- l) All taxes, levies, surcharges including the customs clearance and handling freight and insurance should be paid and handled by the tenderer.

3.2 Installation and Commissioning:

Installation and Commissioning shall include the following:

- a) Installation and Testing of the Equipment, Machineries etc. should be done by the tenderer at no extra cost.
- b) It will be the responsibility of the tenderer to provide all necessary spares and consumables, which may be required during installation and commissioning, at no extra cost to purchaser.
- c) The tenderer is to bring their own testing and measuring instruments required for installation, testing, commissioning, which can be taken back after completion.
- d) Installation must complete within 15 days after delivery on site.

3.3 Documentation:

- a) Detailed **technical manuals, handbooks, drawings, warranty card and Factory Quality Assurance checklist, test results** and any other certifications mentioned in the technical specifications shall be supplied along with the consignment.
- b) Supplied manuals/handbooks must cover detailed technical specifications and installation, operation, maintenance, and system safety procedures.
- c) For experimental setups **details of theory, procedure and methods of taking measurements etc. should be provided in the form of hand books for each experiment.**

3.4 Trial Operation and Performance Guarantee Test:

- a) After successful completion of Installation and Commissioning of the equipment, a 7-day continuous trial operation putting those on optimum use shall be conducted by the tenderer at site, during which the performance of the equipment shall be demonstrated for trouble-free continuous operation, meeting the specified standard.
- b) During trial operation, tenderer shall do all necessary adjustments required to ensure the performance as per the acceptable level.
- c) In case, guaranteed performance is not established, the tenderer shall be given opportunity to rectify/replace the equipment/components, and restart the 7 days continuous trial operation, at the risk and cost of the tenderer.

3.5 On-Site Warranty:

- a) The equipment may be used continuously. The reliability and safety of the total installed system and trouble-free operation are, therefore, of prime importance. The supplied devices/equipment and components shall be covered under **Two-years** comprehensive on-site warranty from the date of issue of completion of installation and Performance Guarantee Report.
- b) During the period of warranty, it shall be the responsibility of the tenderer to provide all essential spares and consumables, which may be required for maintenance and trouble-free operation of the devices / components at the tenderer's cost.

3.6 After Sales Service:

- a) During the warranty period, the tenderer shall attend to the problems reported by the users of OUTF on a priority basis.
- b) For any problem reported the tenderer shall attend and rectify the problem within 7 (seven) days or provide a standby system of the similar configuration.
- c) The report on any problem will be informed through phone or fax number of which shall be given by the tenderer.
- d) The branch office of the concerned manufacturing firm will be fully responsible to provide maintenance service, in case of any negligence, in providing the service by the tenderer.

4. Financial Terms:

4.1 EMD

- a) The tenderer must submit a Demand Draft / Banker's Cheque / Pay order of Rs. 41,650 / -in favour of **Registrar, Odisha University of Technology and**

Research, Bhubaneswar payable at Bhubaneswar in any Nationalized Bank towards EMD. **Without EMD, the tender will be summarily rejected.**

- b) In no case, the EMD Money in cash or other forms will be accepted at the time of opening of the bid.
- c) No request for adjustment of claims, if any, will be accepted.
- d) The EMD of unsuccessful tenderers will be refunded after the tenders are finalized and order is issued without interest.

4.2 Tender Fee

The tenderer has to submit a Demand Draft/Bankers' Cheque/Pay Order for Rs 7080/- towards tender fee in favour of Registrar, OUTR drawn on any scheduled bank payable at Bhubaneswar.

4.3 Performance Security Deposit

- a) The successful Bidder will deposit performance Security @5% of the order value in shape of Demand Draft/Performance Bank Guarantee and will be **refunded after expiry of stipulated warranty periods from the completion date of installation and commissioning.**

4.4 Prices:

- a) Price quoted should be for **Odisha University of Technology and Research, Bhubaneswar only. Tax components as applicable should be mentioned clearly in the financial bid.**
- b) Price should be quoted for unit item.

4.5 Payments:

- a) Payment of 100 percent of the ordered value will be made after successful installation and commissioning of the equipment subject to submission of satisfactory performance report by the concerned Head of School after completion of 7 days' trial period along with Tax Invoice.

5. Instruction to the Tenderer:

- a) Specify brand name and full model name and number for each offer.
- b) Include the printed catalogue if any for each of the equipment quoted.
- c) Specify the list of Accessories required along with each of the equipment.

5.1 Solving Disputes:

- a) OUTR and the tenderer shall make all efforts to resolve amicably by direct informal negotiation on any disagreement or dispute arising between them under or in connection with this contract.
- b) All disputes arising out of the contract shall be referred to courts under the jurisdiction of the Bhubaneswar court only.

The above terms and conditions except those otherwise agreed upon, shall form a part of the Purchase Order.

Sign on each page of this tender document and return it along with the offer enclosing this part together with the Technical Offer.

***** * The OUTR authority reserve all rights to accept / reject any tender without assigning any reasons thereof.***

Financial Bid will be opened only if Tenders must qualify in technical evaluation.

List of instruments with technical specification

Sl. No.	Name of the Instrument	Specifications	Qty. Required
1.	3MHz Function Generator	Waveforms: Sine, Square, Triangle, TTL; Frequency Range 0.1Hz to 3MHz (Sine & Square);0.1Hz to 1MHz (Triangle); Frequency Resolution:100mHz or better; Accuracy:+/-30ppm or better; Aging:+/- 10ppm or better; Square wave duty cycle adjustment: Facility should be available; Max Amplitude: Up to 8Vpp or better; Unit Display: Amplitude & Frequency; DC Offset:+/- 5V; Display: LED or LCD, 5 or more digit; Output Control: Using numeric keypad; Make: Scientific / GW-Instek / Tektronix/Regal	24
2.	General Purpose Bread Board Trainer	Inputs: 10 TTL/CMOS Logic Inputs with LED indication Outputs: 10 LEDs Logic Indicators BCD to Seven Segment Display: Two nos Fixed Clock Generator: 1Hz, 10Hz, 100Hz, 1KHz, 10KHz, 100KHz & 1MHz Single Pulse Generation: Using push button switch Logic Probe with LED indicator Function Generator: 0-250Khz in 5 Step Fixed DC Power Supply: +5Vm & ±12V Variable DC Supply: 0 to +15V & 0 to -15V AC Supply: 18-0-18 1660 TIE point Bread Board On-board Speaker, On-board Digital Panel Meter On-board 10K & 100K Pot All interconnections should be made using 2mm socket Glass Epoxy SMOBC PCB should be used ABS Enclosure	24
3.	Hand Held Digital Multimeter	True RMS: Yes; Display Counts:9999 Counts; Ranging: Auto / Manual; Other features: Backlight Display, Auto Power Off, Data Hold and Relative Mode; Measurement Parameters: AC/DC Voltage, AC/DC Current, Resistance, Capacitance, Frequency, Diode, Continuity, Temperature, Duty Cycle; NCV: Non-Contact Voltage Detection Should be available; AC/DC voltage range:999.9V or more; DC voltage accuracy:0.5% or better; AC voltage accuracy: 0.8% or better; AC/DC current range: 9.999A or more; Resistance range:99.99M or more; Capacitance range: 9.999mF or more; Frequency range: 9.999MHz or more; Make:Keysight / GW-Instek/ HIOKI/ Yokogawa	30

Note: All the machines must have ISI standard also the brand of machine must be mentioned in the technical bid.

**ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH,
SCHOOL OF ELECTRONIC SCIENCES**

Techno Campus, Ghatikia, P.O. Mahalaxmi Vihar, Bhubaneswar,
Khurda, Odisha, Pin-751029, www.outr.ac.in

Email: registrar@outr.ac.in

TECHNICAL BID

(To be enclosed in separate sealed cover)

1. Name of the bidder
 - a) Full postal address
 - b) Full address of the premises
 - c) Telephone number and Fax Number
 - d) E-mail id

2. a) Tender Cost: Rs.....D.D. No.....date.....
b) EMD: Rs.....D.D. No.....date.....

3. Registration No. of Firm:
(Copy of Document showing Registration of Firm shall be enclosed)

4. Tax Clearance Certificate and GSTIN No:
(Copy of Tax Clearance Certificate and GSTIN No. proof shall be enclosed)

5. Income Tax Clearance Certificate:
(Copy of IT Clearance Certificate and PAN No. proof shall be enclosed)

6. Total annual turn-over (value in Rupees) (Previous year):
(Copy of Balance Sheet / Audit Statement / IT returns, etc. to be attached as proof)

7. Past supply details for 3 years
(Copy of proof shall be enclosed)

8. Bank Details
(Name of firm, Name of Bank, Account no, IFSC etc):-----

9. Whether similar job work undertaken in the past, if so details:

Customer	Quantity supplied	Year
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Signature with Date and Seal of the Bidder/Tenderer

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FINANCIAL BID

(To be enclosed in separate sealed cover)

Sl. No.	Item Description	Make / Model	Unit	Qty.	Unit Cost	Total	GST applicable	Any other	Total
1	3MHz Function Generator as per specifications		No	24					
2	General Purpose Bread Board Trainer as per specifications		No	24					
3	Hand Held Digital Multimeter as per specifications		No	30					

Signature and seal of the bidder

PROFORMA FOR SUBMITTING ELIGIBILITY REQUIREMENT AND UNDERTAKING

To
The Registrar,
OUTR,
Bhubaneswar-751029

Sub: Submission of Tender for Supply, Installation & Commissioning of equipment and instruments for Electronics Circuits lab

Sir / Madam,

Having examined the conditions of contract and specifications including addenda, I/we, the undersigned, offer to undertake Supply, Installation, Testing & Commissioning of above-mentioned items at School of Electronic Science, OUTR, Bhubaneswar, in conformity with the specifications, terms & conditions of Tender.

i. I/We agree to abide by the terms and provisions of the said conditions of the contract and provisions contained in the notice inviting tender. I/We hereby unconditionally accept(s) the tender conditions.

It is certified that I/we have not stipulated any condition(s) in our tender offer. In case any condition(s) are found in our tender offer violated after opening tender, I/We agree that the tender shall be rejected without prejudice to any other right or remedy be at liberty to forfeit the EMD absolutely.

ii. I/We hereby submit the earnest money of [INR.....] for the above Tender in the form of demand draft.

iii. I/We hereby submit the tender fee of Rs 7080/- for the above mentioned tender in the form of Demand Draft.

iv. That, I/We declare that I/We have not paid and shall not pay any bribe to any officer of OUTR for awarding this contract at any stage during its execution or at the time of payment of bills, and further if any officer of OUTR asks for bribe/gratification, I/We shall immediately report it to the OUTR authorities.

v. That, I/We undertake that OUTR's tender document shall form part of contract agreement.

I/We understand that you are not bound to accept the lowest or any bid, you shall receive.

Thanking you

Dated:

Witness.....

Signature.....

Address.....

Enclosures:

Yours faithfully

Signature of Bidder

Name:

Telephone:.....