



राजकीय इंजीनियरिंग कालेज

कटरिया याकूबपुर, अम्बेडकर नगर (उ०प्र०) – 224122 भारत

Rajkiya Engineering College

Katariya Yakoobpur, Ambedkar Nagar, (U.P.) - 224122

AICTE APPROVED GOVERNMENT ENGINEERING COLLEGE

Website: www.recabn.ac.in

VIDE APPROVAL LETTER No. F. No. Northern/I-3511948247/2018/EOA DATED: 30-Apr-2018

E-mail: registrar@recabn.ac.in

Affiliated to Dr. A.P.J. Abdul Kalam Technical University Lucknow, U.P., India



Ref No: 374/REG/REC/2020

Dated: 21.10.2020

Sub: Invitation for Quotations for supply of “Potentiostat / Galvanostat Equipment”

Tender Documents may be downloaded from Procurement Portal of UP e-tender <https://etender.up.nic.in/>. Aspiring Bidders who have not enrolled / registered in e-procurement should enroll/ register before participating through the website <https://etender.up.nic.in/>. Bidders are advised to go through instructions provided at ‘Instructions for online Bid Submission’.

Schedule

1.	Name of College	Rajkiya Engineering College Ambedkar Nagar
2.	Tender Type (Open/Limited/EOI/Auction/Single)	Open
3.	Tender Category (Services/Goods/works)	Goods
4.	Type/Form of Contract (Work/Supply/ Auction/Service/Buy/Empanelment/ Sell)	Buy
5.	Product Category (Civil Works/Electrical Works/Fleet Management/ Computer Systems/)	Instrument /Equipment
6.	Source of Fund (Institute/Project)	VRPS Scheme, Dr. A. P. J. Abdul Kalam Technical University, Lucknow
7.	Is Multi Currency Allowed	No
8.	No of Covers	2
9.	Date of Issue/Publishing	24.11.2020
10.	Document Download/Sale Start Date	24.11.2020 5:00 PM
11.	Document Download/Sale End Date	09.12.2020 5:00 PM
12.	Date for Pre-Bid Meeting (online)	NA
13.	Venue of Pre-Bid Conference (online)	NA
14.	Last Date and Time for Uploading of Bids	09.12.2020 5:00PM
15.	Date and Time of Opening of Technical Bids	11.12.2020 03:00PM
16.	Form Fee	Rs.500/-
17.	EMD	Rs. 8000/-
18.	Bid Validity days (180/120/90/60/30)	90 days
19.	Address for Communication	Dr. Saurabh Srivastava, Assistant Professor, Dept. of APSH, REC Ambedkar Nagar
20.	Contact No.	9015852402
	Email Address	saurabh@recabn.ac.in

1. You are invited to submit your most competitive quotation for the goods as per annexure-1. Manufacturer/authorized dealers of reputed brands of high technical quality with adequate after-sales support facilities are eligible to apply.
2. Each bidder should submit only one quotation for the said item. Manufacturer/authorized dealers of reputed brands of high technical quality with adequate after-sales support facilities are eligible to apply.
3. The bid should be addressed to **Director, Rajkiya Engineering College Ambedkar Nagar, Katariya yakoobpur, near Hawai patti, Uttar Pradesh 224122, India.**

4. Bid Price

- a. The contract shall be applicable for the full quantity as described in the annexure-1. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- b. All duties, taxes and other levies payable by the vendor/contractor under the contract along with delivery charges and installation charges, if applicable, would be included in the total price **F.O.R. Director, Rajkiya Engineering College Ambedkar Nagar.**
- c. Commercial Terms & Conditions regarding Tax, duties, and other levies, delivery charges and installation charges, if applicable, must be quoted clearly.
- d. The rates quoted by the bidder shall be fixed for the duration of the contract (until full payment is made to the dealer) and shall not be subjected to adjustment on any account.

5. The bid submitted by the bidder must comprise the following:

Part- I (Technical Bid) (PDF)

- a. Digitally signed copy of the filled in Notice Inviting Tender (NIT)
- b. Detailed technical specifications and literature/drawings/manuals of the goods/services have to be supplied.
- c. Authorized dealership certificate from the original manufacturer, (in the case of OEM self-declaration should be submitted).
- d. Scanned copy of EMD and Tender Fees if applicable.
- e. List of other important documents

Sl. No.	Category
1.	GST Registration Certificate
2.	Partnership deed (if applicable)
3.	Permanent Account Number
4.	Power of Attorney (if applicable)
5.	Registration certificate

Part – II (Financial Bid)

Price bid shall be submitted separately as annexure-II (BOQ) IN .xls

A complete set of tender documents may be downloaded by prospective bidder from the website <https://etender.up.nic.in>.

6. Validity of Quotation

Quotation shall remain valid for a period not less than **90** days after the deadline date specified for submission.



7. The items must be delivered within **06 weeks** from the date of issuing of purchase order.

8. Installation, commissioning and demonstration would be performed within 20 days after the delivery of the item

9. Payment shall be made immediately within 60 days after satisfactory installation, commissioning and demonstration after the acceptance of the goods in proper condition.

10. Comprehensive onsite warranty shall be applicable to the supplied goods for a period of minimum **12 months** from the date of installation. Terms and conditions of warranty, if applicable, must be documented clearly.

11. **Evaluation of Quotations**
The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- a) are properly signed and
- b) conform to the terms and conditions, and specifications.

12. **Award of Purchase order**

- a) The Purchaser will award the purchase order to the bidder whose quotation has been determined to be substantially responsive in terms of technical specifications asked for and who has offered the lowest evaluated quotation price.
- b) Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- c) The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

13. **A Demand Draft (DD)** worth of **₹ 8000.00** in favor of "**Director, Rajkiya Engineering College Ambedkar Nagar**" payable at "**Ambedkar Nagar, Uttar Pradesh**" as EMD has to be prepared. The received amount of EMD will be returned on application by the supplier after the receipt of Performance Security. (**The all bidder have to send the original draft at the concerned department office within 10 days of declaration of Financial Evaluation**).

14. The successful bidder must submit before the release of payment a valid bank guarantee through any nationalized bank of an amount of **10%** of the order value towards **Performance Security** upto the **warranty period + 60 days** or the same will be deduced from the bill/ invoice before payment is made. The same will be released on application by the supplier after the said interval (warranty period + 60 days).

15. Delivery to be made at the "**Rajkiya Engineering College Ambedkar Nagar, Akbarpur-224122, Uttar Pradesh, India**".

16. **Liquidated Damage** will be applicable at the rate of **0.5%** per week. The purchaser has the right to cancel the purchase order when LD accumulates to **10 %**.

17. Installation and Performance Demonstration must be done at the "**Rajkiya Engineering College Ambedkar Nagar, Akbarpur-224122, Uttar Pradesh, India**".

18. The installation, commissioning and demonstration certificates must be delivered at the day of installation, commissioning, and demonstration. Payment will be released only after receiving the installation, commissioning, and demonstration certificates.

19. All other terms and conditions of **GFR 2017 of the Government of India** will be applicable.

20. Settlement of any dispute will be made under the jurisdiction of honorable Ambedkar Nagar Court.
We look forward to receiving your quotations and thank you for your interest in this project

Sd/-

Registrar
Rajkiya Engineering College Ambedkar Nagar,
Akbarpur-224122, Uttar Pradesh, India



Required Technical Specifications

Name of Equipment	Specifications	Quantity
Potentiostat/Galvanostat Instrument	<p>Methods:</p> <p>(I) Potentiostat: Linear Sweep Voltammetry, Cyclic Voltammetry, Chronoamperometry, Pulsed Voltammetry, OCP Measurement, Tafel Analysis, Linear Polarization</p> <p>(II) Galvanostat: Linear Sweep Voltammetry (Galvanostatic), Cyclic Voltammetry (Galvanostatic), Chronopotentiometry, Galvanostatic Charge-Discharge</p> <p>Technical Specifications:</p> <p>Potentiostat:</p> <p>Compliance Voltage: ± 15 V or better at ± 1 A; Maximum Output Current: ± 1 A or better at ± 15 V; Output Voltage Range: ± 10-15 V; Current Ranges: smallest current 100 nA to 1A in 8-9 ranges ; Current Resolution: 15 pA at 100 nA full scale range; Scan rate: 1 μV/s to 1000 mV/s; Interface: USB interface for connection with PC; Input bias current: ± 15 pA; Input Impedance of electrometer: $>10T\Omega$; Electrode configuration: 2 electrode & 3 electrode</p> <p>Galvanostat:</p> <p>Current Range: Upto ± 1 A (Continuous); Current Resolution: Upto 10 nA; Current Accuracy: Within 0.1% of current scale; Scan Rate: 1 μA/s to 1000 mA/s; Maximum Current: ± 1 A (Continuous); Current Range: 100 μA to 1 A in 5-6 ranges, Electrode configuration: 2 electrode & 3 electrode</p> <p>Electrochemical Software:</p> <p>Customized Software necessary to run the set up for the above measurements/control through computer/PC; Import/export ASCII; Ready-to-use Vis. & Generic interface for Internet applications should be included; it should have facility to display up to 3-4 plots simultaneously. The software should support following basic electrochemical measurements: Cyclic Voltammetry, Sampled DC Voltammetry, Tafel Plots, Differential Pulse Voltammetry, Square Wave Voltammetry. Electrochemical methods like Chrono-Amperometry, & Chrono-Potentiometry.</p>	01

Electrochemical Cell Additional Accessories:

(i) Platinum Mesh counter electrode, (ii) Platinum foil counter electrode (iii) Platinum Tip working electrode, (iv) Glassy Carbon Electrode (3mm dia), (v) Working electrode holder, (vi) ITO plates (2cm x 1cm, 50 pieces), (vii) Ag/AgCl reference electrode (High stability), (viii) Cell setup (50 ml) integrated with salt bridge compartment & 10 Pieces of Salt Bridge