



(Please mention "REF NO" in all documents)

LIMITED TENDER ENQUIRY (SINGLE BID)

REF No.: VNIT/STR/LT/CM/CR/ 2018-19/155

Date:09.01.2019

To, _____

REF No. OF THIS LETTER MUST BE MENTIONED ON THE ENVELOPE CONTAINING YOUR QUOTATION

Subject: – Limited Tender Enquiry (Single Bid) for Procurement of "Electrochemical Workstation (Potentiostat / Galvanostat)" for Chemical Engg. department.

Dear Sir / Madam,

You are invited to submit your most competitive quotation for the supply of following items / goods as per time schedule of submission, terms and conditions mentioned below;

Schedule of Tender/ Bid Submission

Date of Issue : 09th January 2019
Last Date & Timing of Submission the Tender : 30th January 2019, Time 3.00 PM
Date & Timing of opening the Tender : 30th January, 2019, Time 3.30 P.M.
EMD – Rs.9000/-

Item particulars

Electrochemical Workstation (Potentiostat/ Galvanostat): (QTY 01 No.)

The Latest Windows-based Electrochemical instrument to perform the Potentiostat, Galvanostat, should have the following techniques.-

- Open Circuit
- Linear Scan Voltammetry
- Cyclic Voltammetry (single cycle)
- Cyclic Voltammetry (multiple cycles)
- Staircase Linear Scan Voltammetry
- Staircase Cyclic Voltammetry (single cycle)
- Staircase Cyclic Voltammetry (multiple cycles)
- Multi-Vertex Scan
- Chronoamperometry
- Chronopotentiometry
- Chronocoulometry
- Fast Potential Pulses or Galvanic Pulses
- Recurrent Potential Pulses
- Recurrent Galvanic Pulses
- Square Wave Voltammetry
- Differential Pulse Voltammetry
- Normal Pulse Voltammetry
- Reverse Normal Pulse Voltammetry
- Loop
- Time Delay
- Message Prompt
- Measure Open Circuit
- Auto Current Range Setup
- Run External Application
- DAC Output Control
- Condition
- Deposition
- Equilibration
- Purge
- iR Determination

Potentiostat / Galvanostat- Hardware Specification:

Signature of Bidder with Seal & Date

- Compliance Voltage: ±12V
- Applied Potential range: ±10V
- Applied Voltage Resolution: 300nV or better
- Applied Voltage Accuracy ± 0.2% of value ± 2mV
- Potentiostat rise time: < 350ns
- Maximum Current range ±2A with resolution of 60µA or better
- Option for boosting current up to ±20 A
- Minimum Current range ± 200nA with 6 pA resolutions.
- Current Ranges: Auto Ranging [6-7 ranges]
- Input impedance: ≥10¹² Ω
- Maximum scan rate: 5000V/s with 50mV step
- Potentiostat bandwidth: 1MHz
- Electrometer bandwidth: ≥10MHz or better
- Data acquisition speed: 500KSamples/s
- Input bias current: ≤5pA
- DAC voltage output ±10V range, BNC connector (for Faraday cage stirrers, rotating disk electrode etc.)
- Options for Auxiliary voltage input
- Digital inputs / outputs 5 TTL logic outputs, 2 TTL logic inputs.

The hardware must be capable for the following future up gradation possibilities.

- Current boosters 20A
- Ultra-low current measurement capability with at least 125 aA current resolution
- Up gradation should be possible for Bi Potentiostat for RRDE/RDE measurements.
- Software should have facility to record additional signal viz EQCM, bi-Potentiostat, temperature etc.
- Facility for Integrated Electrochemical Impedance Spectroscopy: Frequency range 10µHz to 1MHz or better
- Interfacing with Solar Simulator should be possible.

NOTE:

- INSTALLATION & TRAINING should be provided free of cost at VNIT Nagpur
- Delivery of item: within 6-12 weeks to VNIT Nagpur after the receipt of Purchase Order
- WARRANTY: 36 months from the date of delivery.

[The bidder should offer / quote special educational discount for the Institute.]

GENERAL INSTRUCTIONS, TERMS & CONDITIONS

1. The vendor shall submit the tender/quotation enquiry in the Institute's prescribed format.
2. Bidder shall submit Firm's registration certificate, GST Registration Certificate, PAN, Authorization Certificate, Delivery Period, Warranty/Guarantee, others etc with the bid.
3. The duties, taxes and other levies payable by the vendor shall be shown separately in bidding document. The basic price per unit should be separately mentioned in the given format at **Annexure-I**. Duties & taxes viz. Custom, GST, Freight / Transportation, Packing & Forwarding, Insurance, Price Ex-Works etc. shall be indicated separately in the given format only.
4. Each Vendor shall submit only one quotation. Vendor shall furnish price & other information in the prescribed Price Bid format. Each document submitted with quotation should be duly attested & stamped by the vendor, failing which submitted quotation will be treated as **Non-Responsive**. Incorrect, Incomplete or Conditional Quotation(s) will not be accepted and will be treated as **Non-Responsive**.
5. If any document of tender /quotation enquiry, certificate etc. submitted by the vendor is observed to be incorrect /false/ forged/having ambiguity, intentionally or un-intentionally at any stage, the tender/quotation submitted by the vendor is liable to be treated **Disqualified/Non-Responsive**. Further the Institute reserves the right to initiate any action as deemed fit in such case against the vendor including the action of blacklisting of firm.
6. **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) Confirm to the terms and conditions, and specifications.
7. Bidder should enclose latest Authorization Certificate from their Principal/Original Equipment Manufacturer (OEM).
8. The Prices should be quoted F.O.R. VNIT, Nagpur on delivery basis. In case of price quoted in foreign currency, its conversion rate to INR on the date of opening the quotation/ tender shall be considered.
9. The rates quoted by the bidder shall be FIRM & FIXED and shall not be variable/subject to adjustment on any account.
10. **Educational Discount:** VNIT, Nagpur is a Govt. of India's Institute of National Importance engaged in education & research of National & International repute, the Vendors shall give / offer the special educational discount on quoted rates.

Signature of Bidder with Seal & Date

11. **Earnest Money Deposit (EMD):** Bidder shall submit EMD in form of Demand Draft / Fixed Deposit Receipt / Bank Guarantee in favor of “**Director, VNIT Nagpur**” payable at Nagpur. The EMD to be submitted strictly in a separate envelope super scribed with Vendor / Firm’s name & address & also on back side of DD with stamp. **Bid received without EMD will be summarily rejected.** Firms / Vendors registered with the NSIC or MSME or SSI are having exemption from submission of EMD. Firms / Vendors registration certificate in above respect will be essential to claim exemption.
12. The Firm/Company Bank/RTGS/NEFT/ECS details must be submitted along with the Quotations/Tenders on the letter head.
13. Information brochures/Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
14. **Client List:** Bidder shall furnish information of Client list along with the order copy of similar good/s / equipment supplied to any IIT/NITs/ any Govt. Organization including details of price & all other charges / duties with the bid.
15. **Authorization Certificate:** Sole selling agent/Authorized distributors/Dealers/ Suppliers are eligible to bid on behalf of Original Equipment Manufacturers (OEM) provided they submit requisite authorization and self certification from the (OEM). The bidder should enclose the latest authorization certificate from OEM.
16. **Taxes:** GST or any other taxes as per Govt. norms shall be applicable from time to time. The % of Tax must be indicated separately in the quotation.
17. **Goods/Items for Research Purpose: Concessional GST @ 5% will be applicable for purchase of goods viz Scientific & Technical instruments and other required for the Research purposes only.** This is in accordance of Govt. of India, Ministry of Finance Notification 45/2017-Central Tax (Rate) dated 14th November, 2017 and 47/2017-(Integrated Tax (Rate) dated 14th November, 2017, and VNIT Circular Ref.- VNIT/Acct/2017-18-GST/5390 dated 27th November, 2017. The description of goods is given in Govt of India notification dated 14th November, 2017 mentioned above. A certificate in this respect will be issued to the vender by the Institute.
18. **Taxes (For Import Item)** – Govt. of India Ministry of Science & Technology, DSIR, New Delhi vide letter No TU/V/RG-CDE(190)/2016 dated 19/09/2016 has issued Certificate of Registration to VNIT, Nagpur for purposes of availing customs duty exemption in terms of Govt. Notification 51/96-Customs dated 23rd July, 1996 and this registration is valid up to 31.08.2021. Institute is eligible for partially exemption in custom duty charges. Institute will provide the copy of CDEC to the vendor.
19. **Service Centre:** Vendor shall provide the details of service centre in Nagpur or other regions nearby with name of contact person, their contact nos. & address.
20. **Delivery of Goods** -Vendor shall deliver/supply the goods **within 6-12 weeks** period from the date of receipt of purchase order. Goods shall be supplied / delivered by the vendor / bidder at the installation site in concerned laboratory/ department of VNIT, Nagpur at free of cost on working days. Vendor shall deliver the material strictly as per the delivery schedule given in P.O., failing which **Liquidated Damages Clause** will be applicable.
21. **Liquidated Damages Clause:**
 - a) The Director, V.N.I.T. Nagpur reserves the right to recover from the vendor, liquidated damages a sum equivalent to 1/2 percent of the price of the undelivered stores at the stipulated rate for each week or part thereof, during which the delivery of such stores, may be delayed subject to, a maximum limit in the case of an order exceeding Rs. One Lakh in value, up to 10 percent and in the case of an order not exceeding Rs. One Lakh in value up to 5 percent of the stipulated price, of the stores so undelivered.
 - b) To purchase elsewhere, on vendor’s accounts, at his risk, the stores etc. undelivered, or other of a similar description, where others exactly employing with the particulars, are in the opinion of the Director, Visvesvaraya National Institute of Technology, Nagpur are not readily procurable, without cancelling the contract, in respect of consignment not yet due for delivery.
 - c) If the Supplier fails to deliver the material/goods within the stipulated delivery period, then Amount of EMD given by the Vendor shall be forfeited. In case of Supplier [registered with MSME/NSIC/SSI etc.] not required to submit the EMD, the Institute reserves the right to initiate action including reporting to principal Govt. authorities.
 - d) To cancel the contract –

In the event of action being taken under (b) or (c) above, the vendor shall be liable to make good for any loss, which the Institute may sustain, by reason of higher price of items/goods, so purchased or the otherwise, howsoever:

The decision of the Director, Visvesvaraya National Institute of Technology, Nagpur shall be final as regards to the acceptability of stores supplied by the seller and the Director, Visvesvaraya National Institute of Technology, Nagpur, shall not be required to give any reason in writing or otherwise at any time for the rejection of stores.

Signature of Bidder with Seal & Date

22. **Valid Period of Quotation/offer:** The quotation/offer shall be normally valid for a period of 180 days from the date of opening the tender.
23. **Rate Contract:** If any of the items/ materials mentioned are already under the DGS&D rate contract, you are requested to give us the advantage of the contract rates as VNIT Nagpur is an Educational and Research Institute sponsored by the Government of India.
24. **Installation/Testing:** Goods / Equipments shall be delivered / installed at concerned laboratory / department of VNIT by the Bidder at free of cost. Installation & testing of good/s supplied should be completed preferably within 10 days of supply of good/Services.
25. **Payment (Indigenous Item):** Institute will release the full & final (100%) payment after delivery of items and its successful installation/ demonstration at concerned department / laboratories of VNIT Nagpur. The vendor will be required to submit the bills in triplicate along with delivery memo. Payment will be made through Crossed Cheque / ECS / NEFT/ RTGS. For electronic payment mode, firm/ Company bank details on letter head will be required.
26. **Guarantee/Warranty:** Normal comprehensive **Warranty/Guarantee of 3 years** shall be applicable to the supplied goods. In case any part or whole of the equipment is found to be defective during the guarantee period, then the same will have to be replaced/repaired free of cost at VNIT by the vendor.
27. The vendor shall take full responsibility in case of any damage, loss or injury to any person / building or to any part thereof, and shall repair / and make good the loss, at his own cost.
28. It will be the sole discretion of VNIT to accept or reject the tenders/quotations in case of deviations, if any, from the technical specification.
29. Bidder should enclose required documents/copies failing which quotation/tender will be disqualified.
30. **Any corrigendum/ amendment regarding this limited tender enquiry will be issued on the Institute website only [http://stores.vnit.ac.in]**
31. For any dispute, the place of jurisdiction shall be Nagpur, India only.
32. Director, VNIT, Nagpur reserves the right to accept or reject or cancel any or all enquires or quotations/PO at any stage without assigning any reason thereof.
33. Director, VNIT, Nagpur reserves the right to increase /decrease the quantity of goods at any stage.
34. **It will be presumed that the vendor has read carefully all the above mentioned instructions, terms & conditions and abide by same.**
35. Quotations received after the last date of submission will not be considered.
36. The Quotation in sealed envelope super-scribed with "**Limited Tender Enquiry for procurement of "Item Name" for "Department Name"**" and to be sent to Dy. Registrar (Stores), Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur - 440 010, Maharashtra (India). The quotation can also be submitted in person in the "**Quotation/Tender Box**" at the Stores Section, VNIT, Nagpur - 440010 on any working day. **The last date of submission is 30.01.2019, by 3.00 P.M.** The vendors / firms name with complete address must be mentioned on the envelope.
37. **The date of opening the quotation/tender is 30th January 2019 by 3.30 P.M.**
38. All Communication are to be addressed to: –**DIRECTOR**, Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur - 440 010, Maharashtra (India)

Yours faithfully,
Sd/-

Dean [P&D]

Signature of Bidder with Seal & Date

ANNEXURE-I
"PRICE/COMMERCIAL BID"

REF No.: VNIT/STR/LT/CM/CR/2018-19/155

Date: 09.01.2019

ITEM: "Electrochemical Workstation (Potentiostat/Gaslvanoostat)"

Sr. No	Item with Specifications	Qty	Basic Rate P.U. (Rs.)	GST %	GST Amount P.U. (Rs.)	Total Amount P.U. (Rs.)
1	"Electrochemical Workstation (Potentiostat/Gaslvanoostat)" (Specification as mentioned in enquiry)					
	Educational Discount					
	Total Amount Inclusive of GST (Rs.)					

[Note - The bidder should offer / quote special educational discount for the Institute.]

[A] DUTIES & TAXES (if applicable):

- | | | | |
|----|--|---|-----------------------------|
| 1. | Custom Duty if any | : | Applicable /Not- Applicable |
| 2. | GST @ _____% | : | _____ |
| 3. | Freight/ Transportation | : | _____ |
| 4. | Insurance @ _____% | : | _____ |
| 5. | Packing & Forwarding | : | _____ |
| 6. | Others, (if any) | : | _____ |
| 7. | Final Offer Price (Inclusive of Installation charges 'A' above) FOR VNIT Nagpur | : | _____ |

[B] Others Details (Enclosed)

- | | | | | | |
|-----|-----------------------------------|--------|----------|--------------------|-----------|
| 1. | EMD No. & Amount | : No.: | _____ | Dt. ____/____/2019 | Rs.9000/- |
| 2. | Specification as per Requirements | : | Yes / No | | |
| 3. | Firms Registration Certificate | : | Yes / No | | |
| 4. | Authorization Certificate | : | Yes / No | | |
| 5. | Details of client lists | : | Yes / No | | |
| 6. | GST Registration Certificate | : | Yes / No | | |
| 7. | PAN / GST No. | : | Yes / No | | |
| 8. | Warranty/Guarantee | : | _____ | Years | |
| 9. | Delivery period | : | _____ | | |
| 10. | Others, (if any) | : | _____ | | |

Note: Price/Commercial Bid & other details should be furnished as per Institute's prescribed format if failed, the Price / Commercial Bid is treated as unresponsive and will be disqualified.

The Firm/Company agrees to supply the above items for **Final Offer Price (Rs. _____/- [In Words Rs.....])** inclusive of duties & taxes at [A] above within the period specified in the Invitation for Quotations. We also confirm that the normal commercial warrantee /guarantee of 36 months shall apply to the offered goods.

Signature of Bidder with Seal & Date