TENDER NOTICE NO.02/2020

Category- C

Sealed tenders in double envelope in three complete sets are invited from the Manufacturers or their accredited agents/stockiest/dealers (with valid proof/authority) for supply of following equipments **Category C: Electro Chemical Workstation-01**

For tender document , specifications, terms and conditions, visit college website www.bcetgsp.ac.in. Last date and time for submission on 04.01.2021 at 11:30 AM and opening of tenders is 04.01.2021 at 3:00 PM.

Corrigendum, if any, will be issued on website only **Director**

Tenders should be submitted in two bid system i.e. Technical Bid and Financial Bid.

Tender documents alongwith specifications and terms & conditions be downloaded from college website www.bcetgsp.ac.in **and submitted alongwith DD of Rs. 500/-as tender fee.**

IMPORTANT: CHECK LIST:

Technical Bid: Documents to be enclosed while submitting the tender:

Cost of Tender document Rs.500/- in shape of DD in favour of Director BCET,Gurdaspur.
2% EMD for requisite amount in shape of DD in favour of Director BCET,Gurdaspur. Copy of Manufacturer/authorized dealer etc as per tender document.
Filled, signed and stamped Performa Annex I,II,III.
Copy of **PAN Card** and **GST Number** of bidder/bidding firm.
List of Clients
All papers of tender document are to be signed and stamped by the competent person of the bidding firm.

Financial Bid:

Rates with clear mentioning of taxes/GST etc.

All papers of financial bid should be signed and stamped by the bidder.

In case this day happens to be a holiday then the tenders will be opened on the next college working day as per same time schedule. The college will not responsible for any postal delay.

Any corrigendum / addendum / corrections, if any shall be published on the website only. The bidders should keep checking the website and follow accordingly till the day of opening of tenders.

Beant College of Engineering & Technology, Gurdaspur

(Established by the Govt. of Punjab)

Ph. -1874-221463 and 221464

TENDER NOTICE NO. 2/2020

IMPORTANT

Date & time schedule:

1. Last date and time for receipt of Tender bids: :04.01.2021 at 11.30 a.m.

2. Date and time for opening of Tenders : 04.01.2021 at 3:00 PM.

Venue: - Conference Room Science Block, BCET, Gurdaspur

3. Tender documents alongwith specifications and terms & conditions be downloaded from college

website ww.bcetgsp.ac.in **and submitted alongwith DD of Rs. 500/-as tender fee.**

Tenderers are requested to go through all the terms and conditions of Tender Notice/Tender Document carefully and to abide by the same. The under mentioned instructions should be followed strictly while quoting the rates:-

Tenderers are requested to go through all the terms and conditions of Tender Notice/Tender Document carefully and to abide by the same. The under mentioned instructions should be followed strictly while quoting the rates:-

1. Quotations must be enclosed in a properly sealed envelope addressed to Director BCET, Gurdaspur by designation and not by name. The quotations must be super scribed **"Tender for supply of Category C: "Electro Chemical Workstation-01" during the year 2020 as called for in tender notice 02/2020 due by (as above).**

2. Rates of each Item should be quoted on letter pad of supplier with stamp of the firm. It should also be clearly mentioned whether the specification quoted are as per NIT. All Tenders shall be either type–written or written clearly in indelible ink. Any individual(s) signing the tender or other documents should specify whether he is signing: (i) as sole proprietor of the concern or as attorney of the sole proprietor (ii) as partner or partner of the firm. All tender papers should be signed by the bidder.
3. The offer must carry the following details clearly: Name & Specification of each item, Percentage discount if any. Mode of delivery Cost of per Item, Taxes and other duties if any, Insurance if any.
4. The tenderers should quote their lowest possible prices applicable to educational institutes. Discount for early inspection/payment should be specified very clearly if available.

5. 2% EMD Value of total bid in shape of DD issued from a Nationalized Bank in favour of Director BCET payable at Gurdaspur must be enclosed alongwith the bid. Without EMD, the bid will be rejected. No interest will be paid on EMD amount.
6. Rates quoted for all Items are straightly FOR BCET, Gurdaspur.
7. Performance Statement of Unit should be submitted alongwith the tender bid.
8. The Purchaser reserves the right to accept or reject any Tender, and to annul the tendering process and reject all Tenders at any time prior to award of Contract, without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the grounds for the purchaser's action.
9. The Institution will be at liberty to increase or decrease the quantity/no. of items to be purchased.
10. The tender shall be kept valid for acceptance for a minimum period of 90 (Ninety) days from the date fixed for opening of tenders. The tenders from those who have not kept the validity open as mentioned above shall be rejected.
11. The payment of the equipment(s) supplied will be made only after the satisfactory installation of the equipment(s) at the college campus as per college rules.
12. In case, the purchase order for equipment(s) is given to a successful tender bidder/firm and the firm does not supply the order within the stipulated period mentioned in the purchase order, the same firm may be blacklisted in the college record for future supplies.
13. All other General Terms and Conditions (pages1-37 of tender booklet) and mentioned in tender notice as well, are the part of this term tender notice no.02/2020 and these are to be abide by the tenderers.
14. All statutory deductions such as TDS would be made by the Institution from payment to be made to the Contractor.
15. Guarantee/Warrantee of equipments as per company's Brochure shall be applicable
16. Submission of copy of PAN card alongwith the tender is must.
17. The Successful Contractor has to deposit Performance Bank Guarantee (10% of the total cost) for warranty period regarding satisfactory performance of machines.
18. **If the tender opening day is declared holiday or any administrative reason arises, then the tenders will be received and opened on the next Institution working day as per same schedule.**
19. **ANY CORRIGENDUM / ADDENDUM / CORRECTIONS, IF ANY SHALL BE PUBLISHED ON THE WEBSITE ONLY. THE BIDDERS SHOULD KEEP CHECKING THE WEBSITE AND FOLLOW ACCORDINGLY TILL THE DAY OF OPENING OF TENDERS.**
20. Submission of Certificate from Manufacturers or their accredited agents/stockiest/dealers (with valid proof/authority) is required. Decision of the PFC in this regard will be final and binding.
21. Bidders are advised to go through all the required specifications/samples of items discussing technical points if any before participating in the tender.

22. Certified that all the terms and conditions of Terms Tender Notice no.02/2020 are acceptable me/us (tenderers)

23. All the equipment must be compatible with Indian electrical standards and codes.

24. Installation by OEM is preferred.

Signature of supplier/tenderer with Seal

Annexure -1

Proforma for performance Statement:

(For a period of last Five years)

Tender no……Category……Date of Opening…….

Order Placed by (full address of Purchases)	Order No. date Ordered.	Description & quantity of goods	Value of Order	Date completion of delivery Satisfactorily As per actual Contact	Remarks indicating reason for late delivery if any,	Has the equipment been commissioned and is it giving Trouble free Service

Signature and seal of the
Manufacturer/Tenderer

ANNEXURE -2

PROFORMA FOT STATEMENT OF DEVIATIONS FOR TENDER CONDITIONS

The following are the particulars of deviations from the requirements of the instructions to tenderers Teneral and Special conditions of contract.:-

Clause	**Deviation**	**Remark**

(including justifications)

Signature and seal of the Manufacturer/Tenderer.

Note: - Where there is no deviation, the statement should be returned duly signed with an endorsement indicating “No Deviations”

Annexure-3

PROFORMA FOR STATEMENT OF DEVIATIONS TECHNICAL SPECIFICATIONS

The following are the particulars of deviations from the requirements of the Technical Specifications.

CLAUSE	DEVIATIONS	REMARKS (including justifications)

Signature and seal of the Manufacturer/Tenderer.

Note:- Where there is no deviation, the statement should be returned duly signed with an endorsement indicating “No Deviations”

Annexure-4

(These are clause 5 of General Conditions of Contract)

PROFORMA OF BANK GUARANTEE FOR CONTRACT

PERFORMANCE GUARANTEE BOND

Ref…….. **Dated…….**

Bank Guarantee No……

The Director
Beant College of Engineering & Technology,
Gurdaspur-143521.

1. Against contract-Vide Acceptance of Tender No……dated ……covering supply of (hereinafter called the said contract) entered into between the Director, BCET, through the Director Technical Education Punjab, Chandigarh (hereinafter called the purchaser) and ……..(hereinafter called the supplier) this is to certify that at request of the Supplier we .....(hereinafter referred to as the Bank) do, as primary obligor and not merely as surety, hereby irrevocably, unconditionally and absolutely undertake against loss or damage caused to or suffered or would be caused to or suffered by the purchaser by reason of any failure of the Supplier to perform or omission or negligence to perform any part of his/their obligation, viz., the performance of the contract till warranty period the satisfaction of the purchaser in terms of the contract.

2. We……do hereby undertake to pay the amount due and payable under this guarantee without any demur merely on demand from the purchaser stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the conditions contained in the said contract or by reason of the supplier(s) failure or omission or negligence to perform the said contract till warranty period or any part thereof. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee, which shall not be considered as satisfaction of any part of or obligation hereunder. However our liability under this guarantee shall be restricted to an amount not exceeding Rs…….
3. We undertake to pay to the purchaser any amount so demanded by the purchaser not withstanding.;
   (i) Any dispute or difference between the purchaser or the Supplier or any other person or between the Supplier or any person or any suit or proceeding pending before any court or tribunal or arbitrator relating to; or
   (ii) The invalidity, irregularity or enforceability of the contract ;or
   (iii) Or any other circumstances which might otherwise constitute discharge of this guarantee, including any act or omission or commission on the part of the purchaser to enforce the obligations by the supplier or any other person for any reason for whatsoever.
4. We ..... (indicate the name of Bank) further agree that the guarantee herein contained shall be continued one and remain in all force and effect during the period that would be taken for the performance of the said agreement till warrantee period and that it shall continue to be enforceable till all the dues of the purchaser under or by virtue of the said

agreement till warranty period have been fully paid and its Claims satisfied or discharged or till……Office/Department Ministry of ……certifies that the terms and conditions of the said agreement till warranty period have been fully and properly carried out by the said Supplier(s) and accordingly this guarantee.

5. We .....(indicate the name of Bank) agree and undertake that any claim which the bank may have against the Supplier shall be subject and subordinate to the prior payment and

performance in full of all the obligations of the Bank hereunder and the bank will not without prior written consent of the purchaser exercise any legal rights or remedies of any kind in respect of any such payment or performance so long as the obligations of the bank hereunder remain owing and outstanding, regardless of the insolvency, liquidation or bankruptcy of the supplier or otherwise any sum outstanding to the credit of the purchaser with it.

6. We .....(indicate the name of the Bank) further agree with the purchaser that the purchaser shall have the fullest Liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said supplier(s) from time to time or to postpone for any time or from time to time and of the power exercisable by the purchaser against the said supplier(s) and for bear or enforce any of the terms and the conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contract(s) or for any for bearance, act or omission of the part.

TENDER NOTICE NO. 02/2020

SPECIFICATIONS:

Specifications for Category-C Electro Chemical Workstation-01

TECHNICAL SPECIFICATIONS:

Electrochemical Workstation

PC controlled Potentiostat-Galvanstat with following specifications:

Vendor should be an authorized provider of high precision potentiostat-Galvanostat system for past 10 years or more

- ***Proven track record in multiple countries and national institutes***
- ***Standard quality certification such as (ISO 9001/CE)***
- ***10+ past installations of similar systems in reputed government organisation (India) in past 3 years (User list enclose)***

Cell connections	2,3,4
Compliance voltage	±20 V or better at ±1 A or more without booster
Maximum output current	± 1A or better at ±20 V
Output Voltage range	±10V or more
Current range	± 10nA to current range of 1A in multiple range or more/better
Accuracy of applied current	±0.0033% at entire current range
Potentiostat rise/fall time	300ns or lower
Maximum scan rate	1000 V/s with 15 mV steps
Resolution of potential	1μV or better
Current Resolution	10 nA or better
Input bias current	< 1 pA
Band width of electrometer	> 1MHz
Interface	USB interface to connect with PC

Electrochemical cell.

It should consist the following:

50 ml cell (1 Nos), (PEEK or related cell wall material)

Glassy carbon disc with active 3 mm diameter (1 Nos): working electrode

Ag/AgCl reference electrode for aqueous and non aqueous media (1 No): Reference electrode

Platnium (99.9%) wire counter electrode: Counter electrode

Polishing kit and gas purging accessories..

Electrochemical Software:

Software should have facility to record additional signal viz EQCM, bi-potentiostat etc. import/export ASCII. Ready to use Vis & generic interference for .Net applications should be included. It should have facility to display up to 4 plots simultaneously. Software up-gradation should be free of cost.

The software should support following basic electrochemical measurement:
Cyclic Voltammetry, Taffel plots, differential pulse voltammetry, square-wave Voltammetry. Electrochemical methods like chrono-Amperometry, chrono-coulometery and Chrono-Potentiometry.

EIS module:

Hardware and software for EIS measurements in potentiostatic and galvanostataic control over frequency range of 10μHz to 2 MHz. It should be possible to perform EIS measurements over entire frequency range from 10 μHz to 2 MHz upto 1A current. The frequency range in combination with potentiostatic and galvanostataic should be 10 μHz-1 MHz. Frequency resolution 0.003% or better. Data presentation: Nyquist, Bode, Dielectric, Mott-Schottky, data analysis: Fit and simulation, Find circle, Elements subtraction.

Warranty
4 years s from the date of installation of equipment
Software up gradation will be free of cost

Computer and Printer
Compatible branded PC with i7, 16 GB RAM configuration, Monitor (27 inch 4K), Printer, 2KVA online UPS with one hour back up .

Signature

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