भारतीय प्रौद्योगिकी संस्थान इंदौर
Indian Institute of Technology Indore
सिमरोल, खंडवा रोड़ इंदौर – **453552**
Simrol, Khandwa Road, Indore- 453552

E-PROCUREMENT MODE

Bidding Documents for

Supply & Installation
of
Electrochemical Workstation

Document to be submitted online
for
(Technical & Financial Bid as per Schedule of requirement)

भारतीय प्रौद्योगिकी संस्थान इंदौर
सिमरोल, खंडवा रोड़ इंदौर – 453552

Indian Institute of Technology Indore
Simrol, Khandwa Road, Indore- 453552

Tel.: 0731-660333 Ext: 3408
Email: mms@iiti.ac.in

TENDER DOCUMENT FOR E-PROCUREMENT

Online e-Tenders are invited by IIT Indore (in Two bid System) from Original Equipment Manufacturers (OEM) their Authorized distributors/ Accredited Indian Agents /sole selling agents for the of following items:

Sl. No.	Description of Stores	NIT No.	EMD (in INR) - Online
1.	**Electrochemical Workstation** (For Technical Specification Refer **Chapter-6)**	IITI(MM)/CH(PRJ)/1/1A/315/DR 2020-2021	NA
SUBMISSION OF BIDS ONLINE IN TWO BID https://eprocure.gov.in/eprocure/app			

***NIT No. 315PRJ should be mentioned for the purpose of EMD Submission and the Tender No. should be refereed for bid submission/communication etc.**

Note:

I. Tender Documents with detail terms & conditions can be downloaded from our website: http://www.iiti.ac.in/tender_mms.php & https://eprocure.gov.in/eprocure/app

II. **All the details/document pertaining to the tender such as tender document, pre-bid report, corrigendum and any further updates will be available only on our website and also at Central Public Procurement Portal.**

III. **Bids/Quotations may be submitted directly by the OEM or their Authorized distributors/Dealers/Resell Agents/Channel Partners with proof of authorization.**

IV. **Those who quote for all items can participate in the bidding process.**

V. **All the communications with respect to the tender shall be addressed to the tender shall be addressed to In- charge (MM), IIT Indore, Tel.: 0731-66033300 Ext: 3408, Email id- mms@iiti.ac.in.**

IIT Indore shall not be responsible for non-receipt bid due to internet issues or any other reasons. ***For any issues related to tender please contact Material Management Section, Tel: +91-731-660333 Ext: 3408 Email: mms@iiti.ac.in***

Administrative Officer (MM)

CHAPTER- 1
Schedule of Tendering:

Sl. No.	Event	Date and Time/ Remarks
01	Downloading of Tender document online from CPPP	**From April 08, 2021** https://eprocure.gov.in/eprocure/app and http://www.iiti.ac.in/tender_mms.php
02	Bid Submission Start Date	**April 08, 2021**
03	Last date & Time of Submission of Bids Online (Technical and Price Bid)	**April 20, 2021 up to 03.00PM(IST)** Please refer tender Terms at IITI
04	Opening of Technical Bids Online	**April 21, 2021 at 03.00 PM, (IST)** Please refer tender Terms at IITI
05	All the communications with respect to the tender shall be addressed to:	Administrative Officer (MMS) IIT Indore, 4th Floor Western Wing (Toward's Gate-1), Abhinandan Building, Khandwa Road, Simrol, Indore- 453552 Tel.: 0731-660408/3551 Email: mms@iiti.ac.in
06	Submission of Bid Online	https://eprocure.gov.in/eprocure/app
07	For taking assistance, if any	**CPP Portal website: www.eprocure.gov.in** **CPP Portal Help Desk Toll Free No.:18002337315, 180030702232**

ONLINE BIDDING DOCUMENTS
FOR
PURCHASE OF GOODS

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CHAPTER- 2
INSTRUCTIONS TO THE TENDERERS

The tender shall be submitted in accordance with these instructions and any tender not confirming to the instructions as under is liable to be rejected. These instructions shall form the part of the tender and the contract.

1. For Online Bid Submission as per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL:http://eprocure.gov.in/eprocure/app).The bidders are required to submit copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates.
2. More information useful for submitting the online bids on the CPP Portal is available/obtained at URL:http://eprocure.gov.in/eprocure/app
3. For Registration: Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL:http://eprocure.gov.in/eprocure/app) by clicking on the link "Click here to Enroll". Enrolment on the CPP Portal is free of charge.
4. Foreign Bidders have to refer "DSC details for foreign Bidders" for Digital signature Certificates requirements which comes under Download Tab at http://eprocure.gov.in/eprocure/app?page=Standard Bidding Documents &service=page and the remaining part is same as above and below.
5. While submitting the tender, if any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender is liable to be rejected. If any tenderer stipulate any condition of his own, such conditional tender is liable to be rejected.
6. IITI reserves the right to reject any tender/bid wholly or partly without assigning any reason.
7. The Technical Committee constituted by the IITI shall have the right to verify the particulars furnished by the bidder independently.
8. Tenderer shall take into account all costs including installation, commissioning, cartage etc. for giving delivery of material at site i.e. IIT Indore before quoting the rates. In this regard no claim for any extra payment for any reason shall be entertained.
9. The item should be delivered at IIT Indore, Khandwa Road, Simrol, Indore and the supplier shall be responsible for any damage during the transit of goods.
10. All the tender documents & price bid to be uploaded as per this tender are to be digitally signed by the bidder.
11. Interested bonafide and reputed manufacturers/Indian agents (on behalf of their foreign principals) may submit online bids for each of the above equipment along with all requisite documents and scanned copy of online EMD submission reference.
12. The Bidder(s) may note that ONLINE BIDS will ONLY be accepted. All the requisite supporting documents mentioned in the bid document should and must be uploaded On-line http://eprocure.gov.in/eprocure/app. The Bids sent through FAX, E-mail, by hand and/or by post shall not be accepted/ processed, in any case.
13. The bidders may submit duly filled and completed bidding document ONLINE as per instruction contained in the bidding documents. Incomplete bid shall be rejected. The conditions of tender shall be governed by the details contained in complete bid document.
14. In case, holiday is declared by the Government on the day of opening the bids, the bids will be opened on the next working day at the same time. The IITI reserves the right to accept or reject any or all the tenders.
15. The detailed instruction for online submissions of bid(s) through e-procurement module of Central Public Procurement of NIC, the bidder(s) may visit following link:- http://eprocure.gov.in/eprocure/app?page=HelpForContractors& service=page

Administrative Officer (MM)

CHAPTER – 3

LIST OF DOCUMENT TO BE UPLOADED WITH TECHNICAL BID

1. The intending Tenderer, in case of **Original Equipment Manufacturers shall upload a self-declaration on their letter-head as PDF file in Cover-I of e-tender**, along with the acceptance letter tender documents, confirming that they are regularly manufacturing, supplying, installing, testing & commissioning of the similar equipment.

2. The intending tenderer, in case of **Authorized Distributor/ Authorized Dealer shall possess valid authorized Distributorship /Dealership license from Original Equipment Manufacturers**. The tenderer shall enclose the copy of the same as PDF file in Cover-I of the e-tender while submitting the tender.

3. The equipment shall be in compliance with the specifications mentioned in **Chapter-6** of the tender and shall be of the latest technology, best quality and high standards. Documents in support to Technical specifications and other terms & condition as mentioned **at Chapter-6** also to be enclosed with the Technical Bid.

4. Any optional accessories/ tooling, besides the standard equipment recommended for the better performance of the equipment, if offered, be provided with their full technical details including their use and advantage in a separate sheet with the tender documents.

5. Please submit copy of your Income Tax Number, GST and copy of PAN with your offer.

6. **The Bank/RTGS detail must** be submitted along with the quotations /Tenders on the letterhead.

7. Registration details of the firm/Company should be attached with bid.

8. Detailed technical and commercial terms & conditions should be attached.

9. The tenderer is advised to attach any additional information about competence, which they think is necessary for their offer. No further information will be entertained after the bid is submitted, unless IITI calls for it.

CHAPTER - 4

Instructions for Online Bid Submission

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: https://eprocure.gov.in/eprocure/app.

REGISTRATION

1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) by clicking on the link "Online bidder Enrollment" on the CPP Portal which is free of charge.
2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / email in case there is any corrigendum issued to the tender document.
3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Note: My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

SUBMISSION OF BIDS

1) **Bidder should log into the site well in advance for bid submission so that they can upload\ the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.**
2) **The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.**
3) **Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the** bidders. Bidders are required to download the BoQ file, open it and complete the white coloured **(unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be** modified by the bidder, the bid will be rejected. **The vendor/firm should fill the complete details as mentioned in BOQ and exclusion of any cell of BOQ (Financial bid), the cost will be treated as inclusive of GST and other charges as mentioned in the BOQ column.**
4) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
5) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
6) **The uploaded tender documents become readable only after the tender opening by the authorized** bid openers.
7) **Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.**

8) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

GENERAL INSTRUCTIONS TO THE BIDDERS

1) The tenders will be received online through portal http://eprocure.gov.in/eprocure/app. In the Technical Bids, the bidders are required to upload all the documents in pdf format.
2) Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through https://eprocure.gov.in/eprocure/app. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site https://eprocure.gov.in/eprocure/appunder the link "Information about DSC".
3) Tenderer are advised to follow the instructions provided in the "Instructions to the Tenderer" for the e-submission of the bids online through the Central Public Procurement Portal for e-Procurement at http://eprocure.gov.in/eprocure/app

Online Bid Form

The bidder shall complete the online bid form and the appropriate price schedule furnished in the online bidding documents, indicating, inter alia for the goods to be supplied, a brief description of the goods, their country of origin, quantity and prices.

Online Bid prices

The Bidder shall indicate on the Price Schedule the unit price and total bid prices of the goods it proposes to supply under the Contract. To this end, the Bidders are allowed the option to submit the online bids for any one or more schedule specified in the "Schedule of Requirement" and to offer discounts for combined schedules. However, Bidders shall quote for the complete requirement of goods and services specified under each schedule on a single responsibility basis, failing which such bids (for the schedule in question) will not be taken into account for evaluation and will not be considered for award.

Prices indicated in the online price schedule shall be entered separately in the following manner.

I. For goods offered from within India:

a. The price of the goods should be quoted for destination basis, charges towards freight, installation etc. may be mentioned inclusive of GST as applicable after referring the attached GST Notification.
b. Any sales or other taxes/duties should be clearly mentioned, which will be payable on the goods in India if the contract is awarded.
c. Charges for inland transportation, insurance and other local costs incidental to delivery of goods to their final destination should be mentioned.
d. Any element of cost, taxes, duties levies etc. not specifically indicated in the online bid, shall not be paid by the purchaser. **If GST amount is not quoted in the BOQ (Financial Bid), the total**

cost will be treated as inclusive of GST. No further communication will be entertained later or else the EMD will be forfeited.

II For goods offered from abroad

a) The price of goods shall be quoted in Ex-Works/FCA/CIP and the same should be mentioned in terms & conditions of the firm.

b) Charges for inland transportation, insurance and other local costs incidental to delivery of the goods from the port of entry in India to their final destination should be specified.

c) The terms FOB, CIF, CIP etc. shall be governed by the rules and regulations prescribed in the current edition of INCOTERMS, published by the Chamber of Commerce, Paris.

d) Prices quoted by the bidder shall remain firm and fixed during the currency of the contract and not subject to variation on any account, unless otherwise specified in the Schedule of Requirements.

III. Bid currencies

a. For domestic goods prices shall be quoted in Indian rupees only. Commission for Indian Agent, if payable, shall also be quoted in Indian Rupees only.

b. For imported goods prices shall be quoted either in Indian rupees or may be quoted in foreign currency and the portion of the allied work and services, which are to be undertaken in India (like installation & commissioning of equipment) are to be quoted in Indian currency.

IV. Indian Agent

a) If a foreign bidder has engaged an agent in India in connection with its online bid it will be required to give the following information in the online bid:

i) *Name and address of the Indian agent with their permanent income tax number.*

ii) *Details of the services the agent will render*

iii) *Agency commission shall be indicated in the space provided for in the price schedule and will be paid to the bidder's agent in Indian rupees*

V. Period of validity of online bids: Online Bids shall remain valid for acceptance for 180 days after the date of bid submission.

Note – Non-compliance of the above may disqualify your offer for consideration.

Administrative Officer (MM)

CHAPTER- 5
GENERAL TERMS AND CONDITIONS

1. **Delivery of Tender:** **Two- Bid through Online Mode**. IIT Indore reserves the right **to ignore any tender who fails to comply** with the above instructions without giving any notice.

   Bidder: Tenders are invited only from **Original Equipment Manufacturers** OR their **authorized distributors/ dealers**, Vendors are requested to **attach proof** to show that they are the authorized dealers of the brand that they are quoting for the manufacturers of the product.

   Bids of internationally recognized brand from authorized dealers only will be accepted. Tender Documents will also be available on institute website: http://www.iiti.ac.in/tender_mms.php.

2. **MSE Bidders**: In tender, participating Micro and Small Enterprises (MSE) quoting price within price band of **L1+15 (fifteen) per cent shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a MSE** and such MSE shall be allowed to supply up to 20 (twenty) per cent of total tendered value. **The 20 (twenty) per cent quantity is to be distributed proportionately among these bidders, in** case there are more than one MSMEs within such price band. **Within this 20% (Twenty Percent) quantity, a purchase preference of four per cent (that is, 20 (twenty) per cent out of 20 (twenty) per cent) is reserved for MSEs owned by Scheduled Caste (SC)/Scheduled Tribe (ST)** entrepreneurs **(if they participate in the tender process and match the L1 price). Provided that, in event of failure of such SC/ST MSE to participate in tender process or meet tender requirements and L1 price, four per cent sub-target shall be met from other MSE. MSEs would** be treated as owned by SC/ ST entrepreneurs:
   a) In case of proprietary MSE, proprietor(s) shall be SC /ST
   b) In case of partnership MSE, the SC/ST partners shall be holding at least 51% (fifty-one percent) shares in the unit
   c) In case of Private Limited Companies, at least 51% (fifty-one percent) share shall be held by SC/ST promoters

4. **Period for which the offer will remain opened:**
   a. Firms tendering should note the period for which it is desired that their offers should remain open for acceptance.
   b. Quotations qualified by such vague and indefinite expressions such as "subject to immediate acceptance", "subject to prior sale", etc. will not be considered.

5. **Concession/Exemptions:** IIT-I being an academic institute is entitled for availing Customs Duty exemptions in terms of Notfn. No. 51/96 dated 23.07.1996, Notfn. No. 28/2003- Customs dt. 01/03/2003, Notfn. No.43/2017-Customs dt. 30/06/2017 & notfn. No. 47/2017- Integrated Tax (Rate) dt. 14/11/2017, Notfn. No. 10/2018-Integrated Tax (Rate) dt.25/0/2018 and Notfn. No. 45/2017-Central Tax (rate) dt. 14/11/2017, Notfn. No. 45/2017-Union Territory Tax (Rate) dt. 25/01/2018 as amended from time to time. Presently this is valid till 31.08.2021 vide Order No. TU/V/RG-CDE(1145)/2016 Dt.28/02/2018 issued from DSIR-Min. of Sc.& Tech; Govt. of India. **Please state clearly that this Certificate is required.**

6. **Opening of Tenders:** Online tender opening as specified in schedule of requirement. The received bid will be opened online, and it will be evaluated by a technical committee which will decide the suitability as per our specification and requirement. The financial offer/bid will be opened only for the offer/bid which submits all the required necessary documents and verified by the technical committee as technically qualified bidder as per Tender.

a) ***Award Criteria:*** *The Purchaser will award the contract to the successful Bidder whose bid has been determined to be substantially responsive, technically* ***qualified and has been determined to be the lowest responsive evaluated bid.***

b) ***Purchaser's Right to vary Quantities at Time of Award:*** *The Purchaser reserves the right at the time of Contract award to increase or decrease the quantity of goods and services originally specified in the tender without any change in unit price or other terms and conditions. The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Contract.*

c) ***Notification of Award:*** *Prior to the expiration of the period of bid validity, the Purchaser will notify the successful bidder in writing by registered letter or e-mail that the bid has been accepted by way of a Purchase Order.*

7. **Place of Delivery & Schedule:** IIT Indore, SIMROL, Khandwa Road, Indore – 453552 and should be delivered within schedule.

8. **Guarantee/ Warranty: The equipment should be covered comprehensive on-site warranty against any manufacturing defect for a period 03 years from the date of successful installation and acceptance or as mentioned in Chapter 6**. 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 our premises. Warranty certificate should be submitted with the bill(s).

9. **Insurance:** The date of delivery should be strictly adhered to failing which the purchase order is liable to be cancelled. Penalty may be imposed as per P.O. terms & conditions. Goods should be securely, safely and adequately packed & dispatched and delivered at the risk of supplier. In case of damage consignment the same should be replaced without any cost to the Buyer and the supplier can collect the damaged consignment after satisfactory replacement.

10. **Inspection:** Before dispatch the materials, the Vendor will give sufficient advance notice of the date in writing on which the goods will be ready for inspection. The Vendor also shall provide the purchaser all necessary facilities for pre-dispatch inspection. If due to any reasons, it is not possible on the part of the purchaser to visit the plant/ site of the Vendor for inspection of the items, the Vendor shall share the detailed schematic diagram, pictures of item and the details as required by the IITI.

11. **Right of Acceptance:** This office does not pledge itself and reserves to itself the right of accepting the whole or any part of the tender or portion of the quantity offered and the firm shall supply the same at the rate quoted. The firm shall be at liberty to tender for the whole or any portion or to state in the tender that the rate quoted shall apply only if the entire quantity is taken from the firm.

12. Items supplied are subject to inspection and acceptance and the supplier should collect/ replace the rejected items at his cost and risk.

13. **Specification and Make:** Quotation should be given for the exact specification and make as shown in the enquiry against Sl. No. of the item. If in the view of the supplier there is any other alternative item which can serve out purpose, quotation may also be given for the same separately. Client list along with the order copy of similar equipment supplied to any IITs / any Govt. Organization including detail of price & all charges must be attached. In the case of items quoted having specifications different than those mentioned in the enclosed Tender format, kindly submit the information and the prices in the same format but on additional Sheet.

14. Proof of Registration OR OEM Certificate/ Sole Distributorship Certificate MUST be attached.

15. **No correspondence/discussion/visits whatsoever will be entertained on the subject unless specifically called by this office after opening the tenders for technical discussions/ price negotiations. Any violation of this will render the quotations invalid and the firm is liable to be blacklisted.**

16. **IITI reserves the right to call for techno-commercial/price negotiations. The company should depute competent representative for such discussion/negotiations whenever called for and he shall be competent to take on the spot decisions.**

17. IITI does not bind itself to accept the lowest or any tender and may cancel / withdraw the tender without assigning any reason and no claim whatsoever, for any reason arising out of such action, will be entertained by IITI.

18. **Liquidated Damages: -** As Time is the essence of an order, the date of delivery should be strictly adhered to, otherwise the delivery in full or in part may not be accepted and penalty for late delivery will be imposed @ 0.5% (Half Percent) per week subject to a maximum of 10% of the total value of supply order & beyond 10% subject to approval of IITI. In case of delay in installation and Commissioning, Inspection, Certification etc. also the same rate of penalty shall be leviable.

19. **Force Majeure:** Neither the contractor nor the institute shall be liable to the other, for any delay in or failure of their respective obligations under this control caused by occurrences beyond the control of either party because of fire, floods, acts of God, acts of public enemy, wars, riots, strikes, lockouts, sabotage any law statute or ordinance order actions or regulations of the Government or any compliance there is similar to the above. Either party shall promptly notify the other of his commencement and cessation of such contingency and prove that such is beyond the controls and effects the implementation of this contract adversely.

20. The firm may give any of their commercial term, if required, in their techno-commercial offer only, and price quotation should contain only price.

21. Please inform the IITI in writing whether the owner of the firm or any of their partners/employees has close relations working with IIT Indore. This is for record only.

22. **IITI reserves the right to modify/alter/Insertion or deletion on any part of the tender document to ensure fulfillment of its material & service requirement at any stage.**

23. **The instructions about bidding given in this advertisement and the Tender Documents should be read thoroughly** before bidding. IIT Indore reserves the right to accept or reject any or all quotations at any stage without assigning any reason whatsoever it may be.

24. **Cancellation:** IIT- Indore reserves the right to accept or reject or cancel any or all enquiries or quotations at any stage without assigning any reason thereof. In case of cancellation of order due to Non-compliance of the Terms and Conditions and Breach of the Contract, No compensation will be paid towards progress of order/procurement.

25. **Governing Law:** The order placed will be contract between the supplier and the buyer and shall be governed by the LAWS of India and under the contract shall be taken by the parties only in Indore, India to competent jurisdiction.

26. For any dispute, the place of jurisdiction shall be Indore, India only.

CHAPTER- 6
TECHNICAL BID

(Bidder should submit compliance matrix along with Technical Bid)

Item details and technical specification as mentioned below:

ITEM: Electrochemical Workstation

Sl. No.	Specifications	Details	Compliance Yes/No	Deviations, if any
	Electrochemical Workstation			
1.	**Electrochemical Workstation**	Electrochemical analyzer with power supply 220V/50Hz, Interface Cable for serial port / USB Port, Cell Cable, windows based acquisitions s/w Manuals & Installation.		
2.		**Specifications provided below:** **Potentiostat** **1. 2-3-4 electrode configuration** **2. Floating (isolated from earth) or earth ground** **3. Potential scan range: ±10 V or better** **4.Compliance Voltage: ± 25 V or better at ±2A Applied potential accuracy: ±2 mV** **5. Applied potential resolution: 0.0015% of** potential range **6. potentionstat bandwidth: 1MHz** **7. Measured current range: 50pA to 2A** **8.Max current: 2A** 9.measured current resolution 4 MHz or better. **10. floating (isolated from earth) or earth ground** **11.CA and CC pulse width: 0.0001 to 1000 s** CA and CC Steps: 320 **12. Bandwidth of electrometer > 4 MHz or better** 13. Higher end system should be quoted for research application (handheld models are not acceptable)		
3.		Instrument should have following techniques • Cyclic Voltammetry (CV) • Linear Sweep Voltammetry (LSV) • Chrono Amperometry (CA) • Chrono Coulometry (CC) • Bulk Electrolysis with Coulometry (BE) • Open Circuit Potential – Time (OCPT) • Limited version of CV simulator • IR Compensation • External Potential Input • Auxiliary Signal Measurement Channel • **DPV**		
4.		**Experimental Parameters** 1. CV and LSV scan rate: 5000 V/s		

		2. Potential increment during scan: 0.1 mV @ 1000 V/s 3.CA and CC pulse width: 0.0001 to 1000 s		
5.		The following techniques to be quoted in option (Attach brochures showing following techniques. 2nd Harmonic AC Voltammetry (SHACV) Triple Pulse Amperometry (TPA) Double Differential Pulse Amperometry (DDPA)		
6.		Uprade to galvanostat in option Galvanostat 1. Galvanostat applied current range: 3 nA onwards 2. Applied current resolution: 0.02% of applied current range 3. Reference electrode input impedance: 1x1012 ohm 4. Fast data acquisition: 16-bit ADC 5. Galvanostat should work upto 2A . (cost of upgradation to be quoted)		
7.		Software feature The Software to be provided with Digisim or Potentiostat / Galvanostat or equivalent Cyclic Voltammetry simulation software should be comprehensive, fully windows based with three-dimensional view of graphics and analysis software. Software should record current, voltage and time for cyclic and linear sweep voltammetric measurement. It should be possible to record current, voltage and time data in tabular format for each measuring point in voltammogram. Software should be capable of supporting a wide variety of electrochemical techniques as mentioned below.		
8.		Accessiories Electrochemical Cell complete System compatible glass cells to the EC cell to be quoted-8 nos Pt Working Electrode -1no GC Working Electrode -1no Reference electrode (Ag/AgCl) -1no Non Aqueous reference electrode(Ag/Ag+)-1no Calomel Reference Electrode -1no Pt Wire Counter Electrode -1no Electrode Polishing Kit1no-1no Silver Flag Electrode 1X1 cm- 2 nos Handheld Refractometer- 1no Spectroelectrochemical Cell - 1no Spectroelectrochemical Cell with Teflon cap for 90 deg and 180 deg, with Provision for counter, reference and working electrode		
9.		Computer & Printer:		

		A suitable branded Computer like Dell or Compaq or equivalent for system control & data acquisition should be offered with the system. It should have following minimum specs: CPU Intel Core i7 , RAM 16 GB RAM, HDD 500 GB, GPU DirectX 9.0c compliant display adapter with 1GB RAM, TFT Monitor 21 inch, 101 Keys Keyboard, Optical Mouse, 3 USB Ports. Software should be freely upgradable in future. The model and the software capability offered should be well documented in the brochure/catalogue and should be available at Principal website.		
10.		**Upgradable options** **Cost of upgrade to Spectro electrochemistry in Reflection, transmission, coulometry mode should be quoted Cost of upgrade to do In situ Raman studies should be quoted Sectroelectrochemistry in NIR upto 1700nm.** • **Maximizing measured current capability upto ±10A or higher** • **Maximizing measured current capability upto ±20A or higher** • **Lowest current resolution upto 300 aA or better** • **Conducting EIS analysis upto 10 MHz or better** • **Increasing Sampling Rate at 1M Samples /** Sec or better • Increasing Scan Rate upto 250 KV/s or **better** • **Providing electromagnetic noise filtration from surroundings** • Electrochemical noise and simultaneous pH / Temp. analysis • **EQCM analysis** • Bi-potentiostat and multiplexing options The systems should be compatible for future upgradation with accessories such as: a) Rotating Ring Disc Electrode with Feedback mode Bi-potentiostat b) Surface Plasmon Resonance c) LED optical bench for photo-modulated EIS analysis d) Scanning Electrochemical Microscope e) Fully automated thermal conductivity analysis for moisture sensitive electrolytes		
11.	**WARRANTY:** 3 Years on-site Comprehensive warranty from the date of installation & acceptance.			
12.	**INSTALLATION:** Firm should install the Equipment free of cost at IIT Indore within 30 days from the date of delivery. Installation and training should be provided at the installation site.			

13.	**DELIVERY:** Within 8-10 weeks from the date of order.		
14.	**SCHEMATIC DIAGRAM:** Firm should share the schematic diagram along with the technical bid.		
15.	**PRODUCT CATALOGUE:** Firm should submit detailed specification and product catalogue.		
16.	**PREVIOUS ORDER COPIES**: Firm should share the previous order copies issued by any Govt./Autonomous Educational/Research Institute.		

Note:-

1. The bidder should submit his acceptance against each column as YES/NO and if No, bidder should specify the deviation.

2. Documents in support of technical specification may please attached with Technical Bid.

(Signature of the Bidder, with Official Seal)

CONDITIONS FOR TECHNO-COMMERCIAL BIDS

TECHNICAL

1. Give brief description of item/equipment/material with accessories. Items offered should conform to BIS (ISI) specifications or as explicitly stated. In case specifications offered are different, separate comparative technical specifications sheet shall be attached with details such as Sl.NO, specifications offered deviations if any, and remarks. Any product brief, test certificates available may be enclosed.
2. List of spares, if applicable should be attached.
3. Any optional, if offered, be provided with their full technical details including their use and advantage.
4. **Drawings:** Drawings supplied by this office are to be returned along with your tender.
5. **Bidders disqualified by Technical evaluation committee in Technical bid will be given one week time to represent their case from the date of uploading the TEC report. Non-representation within the stipulated time, the tender will be processed further and no representation will be accepted thereafter.**

COMMERCIAL

1. Payment will be released through wire transfer/bank RTGS transfer after arrival, testing, inspection, installation of the item(s) and if found satisfactory with regard to quality, quantity and specifications ordered. The payment will be released after statutory deductions. For the payment, the firm has to submit bill(s), challans(s), warranty certificate, bank details/cancelled cheque, installation report, performance bank guarantee (if required) etc. to the Deputy Registrar (MM), IIT Indore. The payment will be released within 30 days after receiving of the bills as mentioned above and from the date of received, tested/inspected/commissioned and found satisfactory with regard to quality, quantity and specifications ordered. In case of import, the payment term may be 100% through Letter of Credit (LC)/Wire Transfer - 80% against dispatch documents and balance 20% after successful delivery & installation.
2. Give details of installation and commissioning except price which will be only in price bid (if applicable).
3. Warranty may be quoted as per the Standard Manufacturer Terms. Price for the additional warranty must invariably be quoted for three years.
4. Delivery desired is within **08-10 weeks** from the date of releasing the supply order. Specify your delivery period. Items should be delivered only on Working Days (Monday to Friday) during office Hours only i.e. between 10.00am to 04.00pm.
5. In case of delayed supplies, liquidated damages at the rate of **0.5 percent per** week of delay with a maximum of **10 percent** of contract/order value will be levied.
6. The firm has to submit a performance security of 3% of the total order value to be submitted from an Indian Scheduled Bank before release of final payment and after successful installation and commissioning of the equipment in the form bank guarantee valid for 2 months beyond the warranty period. **If PBG is not submitted the 3% payment of the total order value will be withheld till such time PBG is submitted.** No interest will be payable by the Purchaser on the Performance Security deposited. In case supplier fails to provide

satisfactory after sale service within the warranty period, the Performance Security submitted by the firm is liable to be forfeited. **PBG format.**

7. **Delivery: Free delivery at IIT Indore in case of indigenous orders.** In case of imported offers standard Inco-terms shall be applicable. **The bidders must quote both in EXWORK/FOB/FCA and CIP/CIF value for deciding the mode of shipment** in case of Import.
8. Indicate mode of dispatch. Rail/Road/ Air/ Sea/Multimode.
9. In case equipment offered requires maintenance after the expiry of the warranty, please indicate approximate cost of comprehensive and on call basis maintenance and also availability of local support or otherwise.
10. Please note clearly that faxed, mailed and opened quotations are liable to be rejected.

(Signature of the Bidder, with Official Seal)

CHAPTER- 7

PRICE BID

PRICE BID - Schedule of price bid in the form of BOQ format:

1. The below mentioned Financial Proposal/Commercial bid format is provided as BoQ along with this tender document at https://eprocure.gov.in/eprocure/app

2. **Bidders are advised to download this BoQ.xls** as it is and quote their offer/rates in the permitted column and upload the same in the commercial bid.

3. Bidder shall not tamper/modify downloaded price bid template in any manner. In case if the same is found to be tampered/modified in any manner, tender will be completely rejected and EMD shall be forfeited.

4. Any element of cost, taxes, duties levies etc. not specifically indicated in the BOQ, shall not be paid by the purchaser. **If GST amount is not quoted in the BOQ (Financial Bid), the total cost will be treated as inclusive of GST. No further communication will be entertained later or else the EMD will be forfeited.**

5. The tender shall remain valid for acceptance for **180 days**, from the date of tender opening.

OTHER CONDITIONS FOR PRICE BIDS

1. No unilateral revision in price will be admissible.
2. INCOTERMS (in case of imported item) should be clearly mentioned on the bid
3. Rates should be quoted in the accounting units (A/U) mentioned in this tender. Rates must be quoted clearly on free delivery basis at IIT Indore and total value is also indicated in words.
4. Any optional indicated in techno-commercial bids must be priced separately.
5. In case spares/accessories are applicable, their list and price should be clearly indicated separately.
6. The price must be stated for each item separately. The percentage of reduction, in the unit price should also be quoted, should an order to that extent be placed with you.

Signature of the Tenderer
Name of the Firm:
Contact No.:
Email:
Seal:

CHAPTER- 8

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

To, _____

Sub: Acceptance of Terms & Conditions of Tender. Tender Reference No: _____

Name of Tender / Work: - _____

Dear Sir,

1. **I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: _____as per your advertisement, given in the above mentioned website(s).**

2. **I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc .,), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.**

3. **The corrigendum(s) issued from time to time by your department/ organizations too have also been taken into consideration, while submitting this acceptance letter.**

4. **I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.**

5. **I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.**

6. I / We do hereby declare that we have quoted our firm rates inclusive of taxes if not mentioned extra.

7. **I/We agree to hold this offer open until <u>180 days</u> and shall be bound to supply/commission/install the equipment and dispatch the same within the specified period.**

8. I/We agree to supply and commission/install the equipment and complete the whole of the work and hand over to the purchaser within the stipulated period, after receipt of intimation regarding acceptance of this tender/receipt of supply/service order.

9. **I/We agree that in case if we fail to deliver the goods/complete the work within the specified period, then institute shall be liable to claim liquidated damages from me/us by invoking EMD.**

10. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

CHAPTER- 9

PERFORMANCE SECURITY FORMAT

To,

.....

WHEREAS ..... (name and address of the supplier) (hereinafter called "the supplier") has undertaken, in pursuance of contract no. ..... dated .....to supply (description of goods and services) (herein after called "the contract").

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee:

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of ..... (amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We further undertake to pay the Purchaser any money so demanded notwithstanding any dispute or disputes raised by the supplier(s)/vendor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the supplier(s)/vendor(s) shall have no claim against us for making such payment.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the ..... day of ....., 20.....

(Signature of the authorized officer of the Bank)

Name and designation of the officer
Seal, name & address of the Bank and address of the Branch
Phone No., Fax No. & e-mail id.