



भारतीय प्रौद्योगिकी संस्थान पटना
INDIAN INSTITUTE OF TECHNOLOGY PATNA

बिहटा, पटना-801106, बिहार, भारत
Bihta, Patna – 801 106, Bihar, INDIA

E-PROCUREMENT MODE

Tender Reference No.: IITP/S&P/EPR/1/EE-373/2022-23
E-tender for Supply of “**AC-DC Electrical Machine Trainer**” at
IIT Patna.

Documents to be submitted online only



भारतीय प्रौद्योगिकी संस्थान पटना
INDIAN INSTITUTE OF TECHNOLOGY PATNA

बिहटा, पटना-801106, बिहार, भारत
Bihta, Patna – 801 106, Bihar, INDIA

Tender Reference No.: IITP/S&P/EPR/1/EE-373/2022-23

Date: 29.06.2022

Indian Institute of Technology Patna is in the process of purchasing following items(s) as per the details as given as under:

Name of the work	Supply of items mentioned in Annexure-I
Earnest Money Deposit	Rs. 14,000.00 (Rupees Forteen thousand Only)
Warranty	03 Years
Delivery Schedule	04 Weeks
Online Tender Fee and EMD Submission: Bidder can submit their EMD online by visiting below link: https://www.onlinesbi.com/sbicollect/icollecthome.htm	
Note:- Tender Reference Number should be mentioned for the purpose of EMD submission. Following webpage may be referred for the instructions related to fee submission; https://www.iitp.ac.in/images/pdf/snp/SBI%20I-Collect.pdf	
Submission of Bids Online: Interested parties may view and download the tender document containing the detailed terms & conditions from the website; https://eprocure.gov.in/eprocure/app	

1. Detailed Tender Documents may be downloaded from Central Public Procurement Portal (<https://eprocure.gov.in/eprocure/app>) and from our website (<https://www.iitp.ac.in/>).
2. All 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 & also at CPP Portal.
3. **No manual bid will be accepted. All quotations (both technical & financial) should be submitted in the e-procurement portal only.**
4. IIT Patna shall not be responsible for non-receipt of bid due to internet issues or any other reasons.

CRITICAL DATES

Publishing Date	30.06.2022 (05:00PM)
Document Download / Sale Start Date	30.06.2022 (05:00PM)
Bid Submission Start Date	30.06.2022 (05:00PM)
Last Date & Time of Submission of Bids (Technical & Financial Bid)	21.07.2022 (03:00PM)
Opening Date & Time of Technical Bids Online	22.07.2022 (03:30PM)
Address of Communication	The Registrar (for Stores & Purchase), Indian Institute of Technology Patna Kanpa Road, Bihta, Patna, Bihar-801106 Phone: 06115-233-683
For taking technical assistance regarding bid submission, if any	CPP Portal Website: https://eprocure.gov.in Help Desk Number 0120-4200462, 4001002, 4001005 and 4001005.

DY. REGISTRAR (S&P), IIT PATNA

Technical Specifications

AC-DC Electrical Machine Trainer (Qty. – 01)

✓ GENERAL SPECIFICATIONS:-

- Aluminum profile 40x40 flat panel table top system.
- Plastic enclosures panel for to minimize shock possibility.
- Plastic enclosures panel to be front loading, for easy replacing.
- Plastic enclosures panel engraved layout, diagram.
- Use high quality 4mm shrouded banana terminals.
- Facilitates easy and safe wiring diagram, Diagrammatic representation of AC and DC machine.
- Provided Short circuit and overload protection using MCB, Fuses.
- Electronic speed measurement.
- Separate AC and DC Measuring Section.
- Equipped with measurement facilities for experimentation on AC – DC machine and Transformers.
- Terminal provided to obtain 3 Ph. Fixed as well as variable AC and DC supplies with protection on table left side, using BTI 15 Three phase, fixed DC, Earth, 5 pin sockets, 6A sockets.
- Motor & generator coupling use noise free with rubber packing type coupling.(Jaw coupling)
- Synchronous meter or Bright & dark Lamp system for synchronizing.
- Dol Starter for synchronizing & desynchronizing.
- 3phase Auto Transformer according motor capacity .
- Computer interface USB Cable, and C#.Net software with CD.

✓ PANEL TECHNICAL SPECIFICATIONS

➤ Three Phase Section:-

- Three phase variac 6A ,415V(for Voltage variation)
- ❖ Three phase input cable 2.5 sq/mm, 5 core (R, Y, B, N & Gnd).
- ❖ MCB 4 pole, 6 Amp.
- ❖ RYB phase indicators.
- ❖ DOL starter using Contactor and with Bimetallic thermal over load relay.
- ❖ Over voltage relay (Set voltage 250V)
- ❖ VFD Drive 1hp, 415V, 50 Hz, input and out put 0 to 400V.
- ❖ Three phase multifunction Meter with V, I, W, Hz, PF, 485 output with USB convertor.
- ❖ Output ON - Off and Forward - Ravers switch.
- ❖ Rotor resistors of 40E/6A with 3 taps of 10E, 20E, 30E, 40E each x 3nos, Rotor resistor selector switch, 3 pole 6 Way 6A/440V.

➤ Single Phase Section:-

- Single phase variac 3A ,250V(for Voltage variation)
- ❖ MCB 2 pole, 10 Amp.
- ❖ Red Phase indicator.

➤ Dc power Section:-

- Dc variable supply and DC direct supply 5A,230V DC.
- ❖ Full bridge SCR based 0V-180V / 5 Amp cosine firing with linear characteristics, these supplies required for Armature, motor field & alternator field x 3 nos.
- ❖ Digital 300 DC voltmeter, Digital 5A DC Ammeter with polarity protection diode x 3 nos.
- ❖ Built in 220V, 15A DC power Supply.

➤ Paralleling / Synchronizing Section:-

- ❖ LED base digital synchroscope and three lamp, Sync switch, in out terminals (Dark lamp method).

➤ Speed (RPM) Measurement Section:-

- ❖ Speed measurement using inductive proximity sensor with RPM Digital indicating meter.

➤ Load Section:-

Resistor Load:-

AC = Off, 10K, 5K, 3.5K, 2.5K, 2K, 1.5K, /300W x 3 nos, with cam switch, 7 tap.

AC / DC = Off, 800E, 600E, 500E, 300E, 200E, 100E /400W, with cam switch, 7 tap.

DC Series Generator – One 60E tap.

Inductive Load:-

Off, 0.15H, 0.3H, 0.45H, 0.6H, 0.75H, 1.5H / 3H / 500mA x 3nos. with cam switch, 7 tap.

Capacitive load:-

1.25 μ , 2.5 μ , 5 μ , 415V x 3 nos.

✓ **TECHNICAL SPECIFICATIONS (MACHINE/MOTOR/ALTERNATOR/GENERATOR):-**

- ❖ DC shunt, Series, Compound Motor 0.5 HP, 1500 RPM, 8 terminal, Armature 180V/2A, Field 180V/0.4A are directly coupled DC shunt, Series, Compound Generator 300W HP, 1500 RPM, 8 terminal(Qty 01)
- ❖ DC shunt, Series, Compound Motor 0.5 HP, 1500 RPM, 8 terminal, Armature 180V/2A, Field 180V/0.4A are directly coupled Three phase synchronous Alternator 300W, 1500 RPM, Rotor 415V,3 Phase, 50Hz, Field Stator 110V/0.6A (Qty 01)
- ❖ Three phase Synchronous Motor 0.5HP, 415V, 3 Phase, 50Hz, 1500 RPM, are directly couple with spring balance loading. (Qty 01)
- ❖ Three phase Slip Ring Induction Motor 0.5HP, 415V, 3 Phase, 50Hz, 1500 RPM, Rotor Supply 110V DC, 0.6A, are directly couple with DC shunt, Series, Compound Motor 0.4 HP, 1500 RPM, 8 terminal, Armature 180V/2A, Field 180V/0.4A (Qty 01)
- ❖ Three phase Induction Motor 0.5HP, 1440 RPM, 415V, 3 Phase, 50Hz, are directly couple with DC shunt, Series, Compound Motor 0.4 HP, 1500 RPM, 8 terminal, Armature 180V/2A, Field 180V/0.4A(Qty 01)
- ❖ Single phase Induction Motor 0.5HP, 415V,50Hz, 1440 RPM, are directly couple with spring balance loading. (Qty 01)
- ❖ 1KVA Single phase transformer primary 115V and secondary 230V with Banana connectors. (Qty 2)
- ❖ Each set fitted with electronic inductive Proximity Sensor.
- ❖ All machine set fitted with rubber mat for reduce noise & vibration.
- ❖ All Motors, Alternator and Generator fixed with Safety guard.
- ❖ All AC Motor or generator should be Brand (GE,Kilosker,Cromton)
- ❖ On above all machine setup should be noise free coupled setup.

✓ **Additional Accessories :-**

- (1) Hand held contact type Digital tachometer.
- (2) Connecting cables/ Patch cords and instruction manuals.
- (3) Three phase Transformer 1000VA, Primary 0V - 115V , Secondary 0V- 230V, x 2 nos.
- (4) Single phase Transformer 1000VA, Primary 0V - 230V - Secondary 0V- 115V, x2 nos

✓ **Electrical Table bench Specifications:-**

- ❖ Sturdy rust free Powder coated painted flat system, carrying various components housed MS enclosures and it has covered hole table with rubber mate.
- ❖ 16 Slide MS square tube Heavy duty, color Siemens gray powder coating, with four rubber bottom legs are provided support.
- ❖ The nova pan or Rubber wood with white/Silver gray with smooth finish veneer finish table top.
- ❖ Table should have facility to rear cover removal using wing nut/M4 Phillips screws.
- ❖ Table should have drawers out of 3 drawers; one small and other two bottom drawer has equal height.
- ❖ Front side Switch box with 5 sockets, 5 switch 6A, shock proof protective sockets, single phase 5 pin 16A Socket - inbuilt Fuse, Socket, Indicator, switch, Three phase 5 pin socket, One Three phase 4 Pole MCB, RYB supply Indicator, Single phase variac 230V/ 3A rating, VAF meter, Three phase variac 415V/ 3A rating.
- ❖ One Table 1220 Lx450Wx700H (mm) with part of size 1220 Lx610Wx700H (mm) for panel fitting and stepped 1220 Lx350Wx400H (mm) for motors mounting.
- ❖ Each table has 3 (Three) standard sitting stool, it has made by wooden (sakua wooden). As per table stool hight should maintain.

INSTRUCTIONS TO THE TENDERERS

The tender shall be submitted in accordance with these instructions and any tender not conforming 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](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”. Enrollment on the CPP Portal is free of charge.
4. Foreign Bidders have to refer “DSC details for foreign Bidders” for Digital Signature Certificate 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. IIT Patna reserves the right to reject any tender/bid wholly or partly without assigning any reason.
7. The technical committee constituted by the IIT Patna 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 Patna 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 Patna, Kanpa Road, Bihta, Patna-801106, Bihar, INDIA 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/India 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 Tender Fee / 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. IIT Patna 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 the following link:- <http://eprocure.gov.in/eprocure/app?=HelpForContractors&service=page>

INSTRUCTIONS FOR ONLINE BID SUBMISSION

(Department User may attach this Document as an Annexure in their Tender Document which provides complete Instructions for on line Bid submission for Bidders)

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 / e- mail 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) Bidder has to select the payment option as “offline” to pay the tender fee/ EMD as applicable and enter details of the instrument.

4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.

5) 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.

6) 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.

7) 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.

8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

9) 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.

10) 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 TERMS AND CONDITIONS

01. **Rates:** Rates quoted for items must be on F.O.R basis for IIT Patna, on DOOR DELIVERY Basis, with break up as per details given in BoQ.
02. **Validity:** The validity period of the offer should be clearly specified. It should be at least for 120 days from the last date of submission of quotations.
03. **Warranty/Guarantee:** The material must be quoted with a minimum onsite Warranty/Guarantee period of 03 years after the date of delivery, installation and acceptance at final destination.
04. **EMD& Tender Fee:** EMD & Tender Fee (if any) should be submitted in the Institute's Account using i-Collect of SBI. The details may be seen on following webpage:
(<https://www.iitp.ac.in/images/pdf/snp/SBI%20I-Collect.pdf>)
05. **Delivery:** Unless otherwise stated delivery and installation of goods shall be at IIT Patna and will have to be effected maximally within **04 weeks** from the date of issue of the Purchase Order. All aspects of safe delivery shall be the exclusive responsibility of the vendor.
06. **GST Certificates & TDS:** Scanned Copy of GST Certificate must be uploaded with technical bid. Appropriate GST deduction at source will be applicable.
07. **Dealership Certificate:** Dealership certificate (in case of authorised dealers) and standard Technical literature on the offered products must be uploaded with technical bid.
08. **Performance Guarantee:** 03% in the form of Bank Guarantee/ Fixed Deposit of the total order value needs to be submitted for such period as to cover two months beyond the warranty period for any order for equipments of more than Rs. 1 Lakh. In case of non-submission of BG/FD, an equivalent amount will be retained while payment till the above mentioned duration.
09. **Late and delayed quotation:** Late and delayed quotations will not be considered. In case any unscheduled holiday occurs on prescribed closing/opening date, the next working day shall then automatically be the prescribed date of closing/opening of the quotation with no change in timing.
10. **Ground for Rejection of Quotation:** The quotations are liable to be rejected if the foregoing conditions are not complied with. The quotation should be complete in all respects if a firm quotes NIL charges / consideration, the bid shall be treated as unresponsive and will not be considered. The quotations shall be rejected if the information, on the outer cover of the bid, is not provided in the format given in the table in Page 1.
11. **Payment:** Payment will be made within 30 days from the date of successful delivery and acceptance of goods at IIT Patna/ successful installation in case of machinery, equipments or the likes, generally through RTGS / FUND TRANSFER. Following information must be clearly written in the uploaded bank details for RTGS / FUND TRANSFER: -
 - (a) Name of the Firm with complete postal address
 - (b) Name of the Bank with Branch where the Account exist
 - (c) IFSC CODE
 - (d) ACCOUNT No
 - (e) PAN No
 - (f) GST/TIN No
12. **GST Concession/ Exemption:** IIT Patna being an academic institute is entitled for availing GST Exemptions in terms of Notification No. 45/2017-Central Tax (Rate) Dated 14.11.2017, Notification No. 47/2017-Integrated Tax (Rate) Dated 14.11.2017 and as amended from time to time. **Please state clearly that this certificate is required.**
13. The bidders can quote only those products in the bid which are not obsolete in the market and has atleast 3 years residual market life. Moreover, the bidder are bound to supply the spares till 10 years from the date of installation, on the same payment terms.
14. **Liquidated Damage:** If a firm accepts an order and fails to execute the order in part or in full, as per the terms and conditions stipulated in the Purchase Order, it will be open to the institute to recover the liquidated damages from the firm at the rate of 0.5% per week of the order value subject to a maximum of 10% of the order value. It will also be open to the institute alternatively, to arrange procurement of the required stores from any other source at the risk and expense of the defaulter firm/vendor, which accepted the order but failed to execute the order according to the stipulated agreed upon. Defaulter vendor(s)/ firm(s) are also liable for blacklisting.
15. **Termination for default:** Default is said to have occurred
 - (a) If the supplier fails to deliver any or all of the goods/ items/ services within the time period(s) specified in the purchase order or any extension thereof granted by IIT Patna.
 - (b) If the supplier fails to perform any other obligation(s) under the contract

(c) If the vendor, in either of the above circumstances, does not take remedial steps within a period of 30 days after receipt of the default notice from IIT (or takes longer period in spite of what IIT may authorize in writing), IIT may terminate the contract / purchase order in whole or in part. In addition to above, IIT may at its discretion also take the following actions: IIT may procure, upon such terms and in such manner, as it deems appropriate, goods similar to the undelivered items/products and the defaulting supplier shall be liable to compensate IIT for any extra expenditure involved towards goods and services to complete the scope of.

16. **Applicable Law:**

(a) The contract shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such Commercial dealings / processing, as may be applicable upon IIT Patna.

(b) All disputes are subject to exclusive jurisdiction of Competent Court and Forum in Patna, India only.

(c) Any dispute arising out of this purchase shall be referred to the Registrar IIT Patna, and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an Arbitrator, who should be acceptable to both the parties, (to be appointed by the Director of the Institute). The decision of such Arbitrator shall be final and binding on both the parties.

17. The acceptance of the quotation will rest solely with the Registrar, IITP, who in the interest of the Institute is not bound to accept the lowest quotation and reserves the right to himself to reject or partially accept any or all of the quotations received without assigning any reason(s).

18. **Important:** The Director may accept or reject any or all the bids in part or in full without assigning any reason and doesn't bind himself to accept the lowest bid. The institute at its discretion may change the quantity / upgrade the criteria / drop any item, at any time before placing the Purchase Order.

19. **Force Majeure:** The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

(i) For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

(ii) If a Force Majeure situation arises, the Supplier shall promptly notify IIT Patna in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

20. The in general Printed conditions of supply of the firm, if any, will not be binding on the Institute.

21. Must have an average Annual Turnover of at least Rs. 2.50 Lakhs or above and the firm should not have made loss during this period in each of the preceding three (03) financial year (2018-19, 2019-20 & 2020-21) in the books of accounts, from the order of similar nature. Specific certificates required to be furnished from the Chartered Accountant Firm which has undertaken an Audit of the bidder during these three financial years.

22. The applicant should have a successful track record, and should have completed similar order in the institute of national importance (such as IIT, NIT, IISER), PSU or large corporate in the last three years, either the following criteria:

a. Three similar completed works costing not less than Rs. 3,00,000/-.

b. Two similar completed works costing not less than Rs. 3,50,000/-.

c. One similar completed work costing not less than Rs. 6,00,000/-.

The applicant must provide the relevant PO's/Contract Order and completion certificate for the same.

23. The bidders can quote only those products in the bid which are not obsolete in the market and has at least 3 years residual market life. Moreover, the bidder are bound to supply the spares till 10 years from the date of installation, on the same payment terms.

24. The bidders can quote only items with minimum 20% domestic value additional/local content. Local content means the amount of value added in India which shall be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all

custom duties) as a proportion of the total value, in percent. The bidders are required to furnish a self-certificate regarding the items meeting local content requirement, mandatorily mentioning following:

- a. Percentage of Local Content.
- b. Location(s) at which the local value addition is made.

25. Any bidder from other countries (outside India) is not eligible to bid in this tender. Bidder for the purpose of this clause means:

- a. Any entity incorporated, established or registered outside India; or
- b. A subsidiary of an entity incorporated, established or registered outside India; or
- c. An entity substantially controlled through entities incorporated, established or registered outside India; or
- d. An entity whose beneficial owner is situated outside India; or
- e. An Indian (or other) agent of entity incorporated, established or registered outside India; or
- f. A natural person who is a citizen of other countries; or
- g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above (a to f).

TENDER ACCEPTANCE LETTER

(To be given on Company Letter Head)

To,
The Registrar,
(for Stores & Purchase Section)
Indian Institute of Technology Patna
Kanpa Road, Bihta, Patna, Bihar-801106
Phone: 06115-233-683

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No.: _____

Name of Tender / Work:-

Dear Sir/Madam,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned "Tender / Work" from the website(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. I/We have read the clause 25 of General Terms & Conditions, regarding restrictions on procurement from a bidder outside the country; I/We certify that this bidder is from India. I/We hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered.
4. The corrigendum(s) issued from time to time by your department / organizations too have also been taken into consideration, while submitting this acceptance letter.
5. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirely.
6. I / We do hereby declare that our Firm has not been blacklisted / debarred by any Govt. Department / Public Sector Undertaking.
7. I / We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department / organization shall without giving notice or reason thereof or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including forfeiture of the full said EMD absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Contact person name and designation:

Email id/ids for communication:

Mobile number :

LIST OF DOCUMENTS TO BE UPLOADED WITH TECHNICAL BID

1. Scanned copy of bank details for NEFT/ RTGS on letter head and certificate of GST.
2. Scanned copy of self-declaration of original manufacturer or authorized dealership certificate from OEM.
3. Scanned copy of self-certificate regarding the items meeting local content requirement as mentioned in clause 24 of general terms and condition.
4. Scanned copy of tender acceptance letter. (Annexure-V).
5. Scanned copy of printout of EMD/Tender Fee submission or exemption certificate for the same.
6. Scanned copy of **Annexure-IX** without any price mentioning list of parts/ accessories/make/model.
7. Scanned copy of detailed technical specification & brochure (if any).

(Please note that no indication of the rates/ amount be made in any of the documents submitted with the technical bid)

INSTRUCTION RELATED PRICE BID

PRICE BID –

A. 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 documents 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 the 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 **120 days**, from the date of tender opening.

B. Break-up of price in PDF format:

The break-up of price for each item should be given in PDF format (Signed Scanned Copy) with details of components with individual prices, post warranty period AMC charges and optional accessories, if any in the format provide as Annexure-IX.

NUMBER #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER	NUMBER	NUMBER #	NUMBER #	TEXT #	
1	<div style="display: flex; justify-content: space-between; align-items: center;"> <div> Validate Print Help </div> <div style="text-align: center;">Item Rate BoQ</div> </div>										
4	Tender Inviting Authority: Dy. Registrar (S&P), IIT Patna										
5	Name of Work: Supply of "AC-DC Electrical Machine Trainer" at IIT Patna, Bihta, Patna										
6	Contract No: IITP/S&P/EPR/1/EE-373/2022-23										
8	Name of the Bidder/ Bidding Firm / Company :										
9	PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)										
10	SI. No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder in Rs. P	GST in Percentage	GST Amount Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
11	1	2	4	5	12	13	14	15	53	54	55
12	1	AC-DC Electrical Machine Trainer	1	Nos	INR			0.00	0.00	0.00	INR Zero Only
13	Total in Figures								0.00	0.00	INR Zero Only
14	Quoted Rate in Words		INR Zero Only								
16											

Format for Breakup of Price/Bill of Quantity:

Sl. No.	Name of Item	Make	Model	Unit	Quantity	Rate	GST (%)	Amount
1								
2								
3								
4								
5								
6	<u>Essential Item 1</u>							
7	<u>Essential Item 2</u>							
8	<u>Essential Item 3</u>							
9	<u>Essential Item 4</u>							
10	<u>Essential Item 5</u>							
Total basic amount for “AC-DC Electrical Machine Trainer” (As in cell no. BA14 of BOQ).								
Total GST Amount								
Grand Total Amount								
11	<u>Optional Item 1</u>							
12	<u>Optional Item 2</u>							
13	<u>Optional Item 3</u>							
14	<u>Optional Item 4</u>							
15	<u>Optional Item 5</u>							
Annual charges for Comprehensive AMC for next 3 years after warranty period*								
Annual charges for Non-Comprehensive AMC for next 3 years after warranty period*								

*Quoted price will not be included in comprehensive statement for determining the L-1.

Note: The rows may be increased/decreased as per requirement.