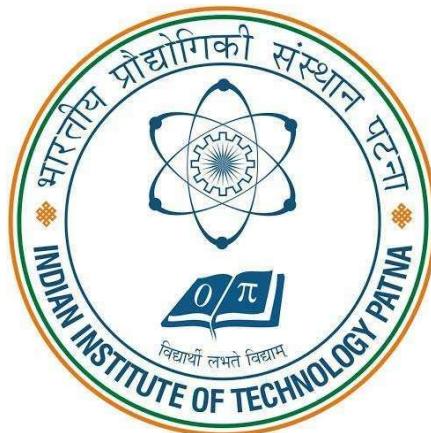


# INDIAN INSTITUTE OF TECHNOLOGY PATNA

Bihta, Patna – 801106, Bihar, INDIA

## TENDER DOCUMENT



## E-PROCUREMENT MODE

Tender Reference No.: IITP/FIST/TBI-39/2021-22  
E-tender for Supply of “CNC Abrasive WaterJet Cutting Machine” in FIST -TBI, IIT Patna Campus”

**Documents to be submitted online only**



# INDIAN INSTITUTE OF TECHNOLOGY PATNA

## Bihta, Patna – 801 106, Bihar, INDIA

Tender Reference No.: IITP/FIST/TBI-39/2021-22

Date: 11/03/2022

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

<b>Name of the work</b>	Supply of “CNC Abrasive Water Jet Cutting Machine”
<b>Earnest Money Deposit</b>	Rs.1,75,000.00 (Rupees One Lakh Seventy Five Thousand Only)
<b>Warranty</b>	01years
<b>Delivery Schedule</b>	16 (Sixteen) Weeks
<b>Online EMD Submission:</b> Bidder can submit their EMD online by visiting below link: <a href="https://www.onlinesbi.com/sbicollect/icollecthome.htm?corpID=1968961">https://www.onlinesbi.com/sbicollect/icollecthome.htm?corpID=1968961</a>	
<b>Note:-</b> Tender (ATE/LTE) Reference Number should be mentioned for the purpose of EMD submission. Select payment category – EMD (Research and Development Unit).	
<b>Submission of Bids Online:</b> Interested parties may view and download the tender document containing the detailed terms & conditions from the website; <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>	

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	<b>14.03.2022 (05:00PM)</b>
Document Download / Sale Start Date	<b>14.03.2022 (05:00PM)</b>
Bid Submission Start Date	<b>14.03.2022 (05:00PM)</b>
Last Date & Time of Submission of Bids (Technical & Financial Bid)	<b>04.04.2022 (04:00PM)</b>
Opening Date & Time of Technical Bids Online	<b>05.04.2022 (04:00PM)</b>
Address of Communication	The Registrar (for R& D Unit), Indian Institute of Technology Patna Kanpa Road, Bihta, Patna, Bihar-801106 Phone: 0612-302-8683
For taking technical assistance regarding bid submission, if any	CPP Portal Website: <a href="https://eprocure.gov.in">https://eprocure.gov.in</a> Help Desk Number 0120-4200462, 4001002, 4001005 and 4001005.

**REGISTRAR, IIT PATNA**

**Tender Specification for “CNC Abrasive Water Jet Cutting Machine”:**

<b>Scope:</b> Supply, installation and commissioning of “CNC Abrasive Waterjet cutting Machine” for cutting materials such as Stainless Steel, Mild Steel, Aluminium alloys, Titanium, glass, ceramic, acrylic for up to 50 mm thickness or more and softer materials viz., Wood, plastic etc. with essential accessories and spares as per this specification given below.		
<b>S/ N o</b>	<b>Parameter</b>	<b>Specification</b>
1	Machine Table Size	1500x 800 mm or more
2	X-axis travel	800 mm
3	Y-axis travel	1500 mm
4	Z-axis travel	125 mm or higher
5	<b>Axis Feed rate</b>	
	X and Y axes	12000 mm/min or more
	Z axis	2000 mm/min or more
6	Type of Cutting Processes	Pure Water Jet Cutting & Abrasive Water Jet Cutting
7	<b>Type of Pressure Selection</b>	
	<b>Dual Pressure Mode</b>	(High /Low ) Pressure piercing for tough and fragile/brittle material should be controlled Automatically from CNC Controlled and CNC Program
8	<b>Accuracies</b>	
	Positioning Accuracy	± 0.075 mm/m or better
	Repeatability	± 0.05 mm or better
	Squareness	< 0.2 mm/m or better
	Straightness	0.3 mm/m or better
09	Motion Transmission	Servo drive with suitable Guide ways and Suitable Laser Edge pointer to align the plate and take reference easily
10	Abrasive delivery	The abrasive should be delivered to the Nozzle through gravity feed
11	Cutting mode	Both open & Submerged cutting should be possible
1	<b>High Pressure pump</b>	
2	Direct drive pump OEM make	Pressure range :500 -3100 bar Delivery rate at max pressure :2.3 litter/min or more <b>Power rating: 20hp.</b> Minimum rated continues operating pressure 3100 bar. In built PLC of pump should be capable to generate alarm /warning of fault in pump.
3	<b>CNC Controller</b> Suitable for high pressure Water Jet Technology application, preferably manufactured by OEM	Resolution/input increment: 0.001mm with 21" Wide display, RAM: 2GB or more, 2.2Ghz or more processor, SSD (Solid State Drive) capacity: 120GB or better, Windows based operating system, Wireless standard Key board, Mouse, Ethernet, USB ports, Licensed Version Team Viewer for Online Support.
14	<b>Drive &amp; Motors:</b>	AC/DC Servo Motor & Drives from Reputed Make
15	Electrical specifications	Input 400~410V, 3 phase, 50Hz, maximum power Consumption: 30 HP.
16	Safety accessories essential	for operating the machine such Bellows on All Motion Components and Splash Guard on tank for easy operation of cutting
17	<b>NC functions:</b>	Incremental and absolute programming, Programming in metric and inch, rotation in the machining plane, scaling, manual mode, program preview, back ground editing, automatic and manual nesting, automatic tool path and lead in /lead outs, cutting path simulation, kerf width compensation, dxf file import, offline CAD/CAM software and post processor. Licensed Version machine software (nesting software) to be provided Min. 5 Qty to enrich the study facilities at multiple

		Location/dept./Research Students at any time.
18	Electrical specifications	Input 400~410V, 3 phase, 50Hz, maximum power Consumption: 30 HP including ro, chiller,etc.
19	Lubrication system	Centralized Automatic lubrication system and should have warning or alarm if any failure in line.
20	<u>Catcher Tank</u>	High grade corrosion resistant steel grid to support a minimum job weight of 450 kg/sq.m or above. Should be easily replaceable section wise so as to prevent replacement of the entire grid in case of local wear.
	Work table height	1000mm or below from the ground (for easy loading and unloading of jobs)
21	<u>RO Water treatment plant</u>	
	Capacity – LPH	200 or above
	Treated Water Quality	TDS < 10% of Feed Water
	Membrane Size	4" X 40" Long or better
	No. of RO Membranes	≥ 1 No.
22	Cutting Head should have facility to use <b>sapphire &amp; Diamond orifice when needed</b> and facility for precision alignment of orifice and focusing nozzle needed. Both Sapphire and diamond orifice can be used and the <b>precision alignment of orifice and focusing nozzle should be done in the nozzle assembly.</b>	
23	Standard Consumable to be provided with machine	<b>Abrasives 80 mesh size, Garnet -1000 kg</b> <b>Focusing tube/Nozzle5 nos.</b> <b>Orifices5 nos.</b>
24	<u>Servo Stabilizer</u>	Suitable rating to connect CNC Table machine and pump as required.
	Capacity	20kVA, 3Ph
	Type of cooling	Air cooled
	Degree of protection	IP 32
	Input voltage range	340-480V
	Output voltage	415V (+/-1%)
	Type	Unbalanced supply & load
	Isolation Transformer	
	Capacity's	20kVA, 3Ph
	Input Voltage	415V
	Output Voltage	415V
25	<u>Water chiller unit</u>	
	Capacity	2 Ton or more.
	Rated Power	415V, 3PH+N, 50 Hz
	Compressor	hermetically Sealed Scroll type
	Condenser	Aluminium finned Copper Tube Air Cooled
	Evaporator	SS-304 TANK & COIL
	Temperature controller	Microprocessor Based with digital display of Tem. & other parameters
26	<u>Necessary Tools kit should be provided</u>	
27	<u>Safety System</u>	a) Machine functions shall be continuously monitored and alarm /warning indication
		b) All hoses and cable assemblies required for water jet cutting system should be of high quality, robust, resistant to heat and oil and suitable for tropical environment.

		c) Machine shall have safety interlocks / devices to avoid damage to the machine, work piece and any injury to the operator due to the malfunctioning or mistakes. Any safety measures as deemed necessary by OEM/vendor for safety of personnel and machine to be specified.
		d) Machine should have International Standard CE Mark / International Certification
28	<b>Annual Maintenance Contract (AMC)</b>	Vendor should quote for AMC for a period of 2 years after the expiry of warranty period as an option.
29	<b>Terms and conditions:</b>	Pre-dispatch inspection: The machine should be inspected as per standard at manufacturer's site for verification of documents and reports of Laser Calibration. The test and calibration certificate must be provided along with the Shipment of equipment. The Machine, Pump and software Should be Manufactured by the OEM who is offering the Machine.
30	<b>Installation, Commissioning</b>	Installation, commissioning and test samples of various raw materials as customer data should be carried out by the vendor at site for 2 days. Materials to be provided by purchaser
31	<b>Training</b>	Training for customer engineer on the following - Introduction, basic instructions, basic calculations for power at nozzle exit for setting of pressure and selection of cutting speeds, operation of the machine, programming, mechanical, electrical & electronic maintenance, safety aspects, etc. for 5 days.
32	<b>Warranty</b>	1 Year

#### **GENERAL TERMS & CONDITIONS**

- The firm should possess its own in-house testing facilities. In case of MSE, the firm needs not to have its own testing facilities, but regular arrangement with other Govt. or Govt. approved or private agencies in its area for testing of products.
- OEM must have ISO 9001:2000 Certification. The drive controls, software, and pump should be manufactured by same OEM.
- Machine quoted should be from the standard production range of the OEM/vendor. No prototype or developmental basis machine will be acceptable.
- Manufacturer should have experience of supplying similar machines to reputed institutes like IIT, NIT, and IISCEtc. within preceding five years.

## **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 indigenous 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 is quoted with a minimum onsite Warranty/Guarantee period of 01 years after the date of delivery, installation and acceptance at final destination.
04. **EMD:** EMD should be submitted in the Institute's Account using i-Collect of SBI. The link is given below: (<https://www.onlinesbi.com/sbicollect/icollecthome.htm?corpID=1968961>)
05. **Delivery:** Unless otherwise stated delivery of goods shall be at IIT Patna and will have to be effected maximally within **16 (sixteen) weeks** from the date of issue of the Purchase Order. All aspects of safe delivery shall be the exclusive responsibility of the vendor.
06. **PAN, GST Certificates & TDS:** Scanned copy of PAN along with PAN of partners/owners (if applicable) and GST Registration Certificate in Form REG-06 must be uploaded with technical bid. Appropriate Income Tax/GST deduction at source wherever applicable by the law.
07. **Dealership Certificate:** Dealership certificate (in case of authorized 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 equipment of more than Rs. 1 Lakh. Incase 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:**
  - (i) 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.
  - (ii) Either OEM or its sole representative is allowed to bid. In case both have bidden, the bid OEM will be valid.
  - (iii) If at any time of tender, cartelization is found, the bidding firms would be liable for legal action as per Ant-Competitive Practices (CCI).
11. **Payment:** Payment will be made within 30 days from the date of submission of Invoice after 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
  - (f) GSTIN
12. **GST Concession/ Exemption:** IIT Patna being an academic institute is entitled for availing Custom Duty 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. **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.
14. **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 Patna (or takes longer period in-spite of what IIT Patna may authorize in writing), IIT may terminate the contract / purchase order in whole or in part. In addition to above, IIT Patna may at its discretion also take the following actions: IIT Patna 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 Patna for any extra expenditure involved towards goods and services to complete the scope of procurement.

**15. 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.

**16.** The acceptance of the quotation will rest solely with the **Director**, 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).

**17. 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.

**18. 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.

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

**20.** 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 (exclusive of services such as transportation, insurance, installation, commissioning, training and after sales services support like AMC/CMC etc.)

b. Location(s) at which the local value addition is made

**21.** Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority in accordance with OM F.No.6/18/2019-PPD dated 23<sup>rd</sup> July, 2020 of Ministry of Finance, GoI.

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

To,  
The Registrar,  
(for Research & Development Unit)  
Indian Institute of Technology Patna  
Kanpa Road, Bihta, Patna, Bihar-801106  
Phone: 0612-302-8683

**Sub: Acceptance of Terms & Conditions of Tender.**

**Tender Reference No.:** \_\_\_\_\_

**Name of Tender / Work:-**

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Dear Sir/Madam,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned “Tender / Work” from the website(s) namely:

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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 / entirely.
5. I / We do hereby declare that our Firm has not been blacklisted / debarred by any Govt. Department / Public Sector Undertaking.
6. 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)**

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**LIST OF DOCUMENTS TO BE UPLOADED WITH TECHNICAL BID**

1. Scanned copy of bank details for NEFT/RTGS on letter head.
2. Scanned copy of self-declaration of original manufacturer or authorized dealership certificate from OEM.
3. Scanned copy of certificate of GST and PAN.
4. Scanned copy of tender acceptance letter.(Annexure-V)
5. Scanned copy of printout of EMD/Tender Fee or Exemption certificate for the same.
6. Scanned copy of detailed technical specification & brochure (if any).
7. Purchase Order, Successful installation report and owner feedback of Supplying similar machines to reputed institutes like IITs, NITs, IISC, etc. within preceding 05 years.
8. Scanned copy of self-certificate regarding the items meeting local content requirement as mentioned in clause 20 of general terms and condition.

**(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–Schedule of price bid in the form of BOQ format:**

**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. Incase if the same is found to be tampered/ modified in any manner, tender will be completely rejected and EMD shall beforfeited.
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 beforfeited.**
5. The tender shall remain valid for acceptance for **120 days**, from the date of tender opening.

**B. Break-upofpriceinPDFformat**

1. The breakup of price for each item should be given in PDF format (signed scanned copy) with details of components with individual prices for (i) **CNC Abrasive Water Jet Cutting Machine** (a) **CNC Abrasive Water jet Machining Centre** (b) **R O Water Treatment Plant** (c) **Servo Stabilizer** (d) **Water Chiller Unit** (ii) Post warranty period year wise AMC charges (comprehensive & Non-comprehensive) and (iii) Optional accessories, if any in separate sheets/tables. The point (ii) & (iii) will not be considered for price bid comparison.

Signature of the Tenderer

Name of the Firm:

Contact No.:

Email:

Seal: