



भारतीय प्रौद्योगिकी संस्थान पटना

INDIAN INSTITUTE OF TECHNOLOGY PATNA

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

E-PROCUREMENT MODE

Tender Reference No.:IITP/S&P/1/MM-356/2025-26

E-tender for Supply of “**Planetary ball mill with buyback**” at IIT Patna.



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Bihta, Patna - 801 106, Bihar, INDIA

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Date: 22.07.2025

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

Name of the Equipment	Supply of Equipment mentioned in Annexure-I
Earnest Money Deposit	Rs. 12,000.00 (Rupees Twelve Thousand Only)
Warranty	03 Years
Delivery Schedule	06 Weeks
Online Tender Fee and EMD Submission: Bidder can submit their EMD online by visiting below link: https://www.onlinesbi.sbi/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	
The bidder claiming EMD exemption must enclose valid EMD exemption document like valid MSE (Micro and Small Enterprises) or Startup (recognized so by DPIIT) certificate	
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	23/07/2025 (04:00PM)
Document Download / Sale Start Date	23/07/2025 (04:00PM)
Bid Submission Start Date	23/07/2025 (04:00PM)
Last Date & Time of Submission of Bids (Technical & Financial Bid)	13/08/2025 (04:00 PM)
Opening Date & Time of Technical Bids Online	14/08/2025 (04:00 PM)
Address of Communication	The Registrar, 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.

Sd/-

REGISTRAR, IIT PATNA

Technical specification of the Planetary ball mill with buyback of existing unit
(Qty.-01)

1. Feed size < 10 mm
2. Final fineness < 1 μm / Equivalent
3. No. of grinding stations: M 02
4. Number of Jars and capacity/size: Minimum 02 Jars of 250 ml capacity of each or above
5. **Effective Sun wheel Dia 141 mm: Effective Sun wheel Dia 141 mm 141 mm**
6. **Drive Mode Sun Wheel: Sun wheel**
7. **Rated Power 0.75 KW: Rated Power 0.75 KW 0.75 KW/ AS applicable**
8. Material of Jars: Minimum 02 Jars should be made of Zirconia (optional tungsten carbide)
9. Casing: Stainless Steel **316L**
10. Speed Ratio with reference to Main disc & Jars: 1: -2 or better
11. Range of rotational Speed of Main Disk/ Base plate: 40 - 600 rpm or better
12. Range of rotational Speed of jars: 80 – 1200 rpm or better
13. Number of grinding balls and size: 100 nos. or higher of size 10 mm diameter
14. Material of balls: Minimum 100 nos. should be made of Zirconia
15. Grinding Conditions: Both dry and wet grinding **WITH Teflon O-ring**
16. Operation Time: Machine should run uninterruptedly for more than 100 hrs. with appropriate Off time in periodic interval
17. Type of mounting: Floor mountable
18. Safety lock: Safe lock clamping system while fitting the jars
19. Door sensor: If door is open or not closed properly, machine should not start & display message to close door
20. Door lock: Door Lock should be provided to restrict user to open the door at the time of grinding of samples
21. Ventilation: Exhaust fan should be provided for ventilation and to control temperature of grinding chamber to enhance grinding time
22. Leak Proof Dry & Wet Grinding: "O" ring should be provided which act as a tight seal between Lid & jar for leak proof wet & dry grinding
23. Motor over load protection: Over load protection should be provided in case motor draws over current due to any reason. The over load relay (OLR) will trip the motor and protect from burning
24. Noise Level: Well within the permissible limit of CPCB
25. **Software & Automation:**
 - Programmable PLC Control or Touch screen control.**
 - Control parameters (Digital):**
 1. Rotational speed (RPM)
 2. Run time (HH: MM: SS)
 3. Off time (HH: MM: SS)

4. No. of cycles
5. Forward & Reverse selection modes
6. Acceleration (Seconds)
7. Deceleration (Seconds)

Display parameters (Digital):

1. Set rotation speed
2. Total cycles & Current cycle No.
3. Set time
4. Balance time
5. On time
6. Off time
7. Energy Input/Voltage/Frequency
8. Safety instruction (Door open, Door Lock, Over load etc.)

26. Overall Dimensions (in mm): 630 x 468 x 415

27. Memory Power failure backup: In case of power failure, the machine should restore the stored setting and start milling again on restoration of power.
28. Programmable interval & Break Times and rotation direction (Clockwise & Anti-Clockwise): Facility for Programmable interval & Break times and rotation direction (Clockwise, Anti- Clockwise & Alternate)
29. Energy Monitoring: Facility to monitor energy input and consumption with voltage and frequency
30. SOP Storage: Minimum 05 Standard Operational Process should be stored with material name and parameters
31. USB/Serial port Interface: Mill should be connected to Computer to download data by using USB or LAN port
32. Power Supply 230 V, 50 Hz: Power Supply 230 V, 50 Hz
33. Delivery, Installation, Commissioning and training: Should included
34. Warranty Minimum 03 year from the date of installation

INSTRUCTIONS TO THE BIDDERS

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>) **In case of difficulty in SBI collect Link, EMD can also be paid directly into the Institute account. Bank details are as follows-**
Institute Account name as per Bank record-Indian Institute of Technology Patna
Account No- 37956806500
IFSC Code-SBIN0017164
Note-Payment proof must be submitted along with Bid.
The bidder claiming EMD exemption must enclose valid EMD exemption document like valid MSE (Micro and Small Enterprises) or Startup (recognized so by DPIIT) certificate.
05. **Delivery:** Unless otherwise stated delivery and installation of goods shall be at IIT Patna and will have to be effected maximally within **06 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:** **05%** 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 bid:** 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.
11. **Payment:** Payment will be made within 30 days from the date of successful delivery and acceptance.
12. **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 defaulting firm/vendor, which accepted the order but failed to execute the order according to the stipulated agreed terms. Defaulting vendor(s)/ firm(s) are also liable for blacklisting.
13. **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 work.

14. 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.

15. **Important:** The Registrar 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.

16. Force Majeure Conditions: If at any time during the continuance of the Contract, the performance in whole or in part by either party of any obligation under this Contract shall be prevented or delayed by the reasons of any war, hostility, acts of the public enemy, epidemics, civil commotion, sabotage, fires, floods, explosion, quarantine restrictions, strikes, lockouts or act of God (but not including negligence or wrongdoing, predictable/seasonal rain) provided notice of happening of such event duly evidenced with documents is given by one party to the other within 10 days from the date of occurrence thereof, neither party shall be by reasons of such event, be entitled to terminate the Contract nor shall either party have any claim for damages against the other in respect of such non-performance or the delay in performance, deliveries under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist, and the decision of the Buyer as to whether the deliveries have been so resumed or not, shall be final and conclusive, Provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 90 days, either party may at its option terminate the contract provided also that the Buyer shall be at liberty to take over from the Seller at a price to be fixed by Buyer, which shall be final, all unused, undamaged and accepted material, bought out components and Goods in course of manufacture in the possession of the Seller at the time of such termination or such portion thereof as the Buyer may deem fit excepting such materials, bought out components and Goods as the Seller may with the concurrence of the Buyer elect to retain.

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

18. 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 bidders are bound to supply the spares till 10 years from the date of installation, on the same payment terms.

19. This tender is being invited in compliance with Rule 144 (xi) of GFR Rules, 2017 as under:

I. Bidder (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

II. 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.

III. "Bidder from a country which shares a land border with India" for the purpose of this order means.

- a) An entity incorporated, established or registered in such a country; or
- b) A subsidiary of an entity incorporated, established or registered in such a country; or
- c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
- d) An entity whose beneficial owner is situated in such a country; or
- e) An Indian (or other) agent of such entity; or

- f) A natural person who is a citizen of such a country; or
- g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

IV. The beneficial owner for the purpose of (iii) above will be as under:

In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation

a.) “Controlling ownership interest” means ownership of or entitlement to more than twenty five percent of share or capital or profits of the company;

b.) “Control” shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;

In case of partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;

In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capitals or profits of such association or body of individuals;

Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;

In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

An agent is a person employed to do any act for another, or to represent another in dealings with third person.

The registration shall be valid at the time of submission of bid and at the time of acceptance of bid.

20. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total QUANTITY. **In case of non-divisible items, preference shall be given as per GoI norms.**

21. Minimum one experience of similar nature from reputed institution/organization to participate in the bid during last three years (i.e. 2022-23,23-24 and 24-25). The Purchase order copy must be mandatorily uploaded.

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

To,
The Registrar,
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. 1 to 23 (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 19** 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 MANDATORILY UPLOADED WITH
TECHNICAL BID**

1. Scanned copy of bank details.
2. Scanned copy of self-declaration of original manufacturer or authorized dealership certificate from OEM.
3. Scanned copy of tender acceptance letter. (Annexure-V).
4. Scanned copy of printout of EMD/Tender Fee submission or exemption certificate for the same.
5. Scanned copy of Annexure-IX without any price mentioning list of parts/ accessories/make/model.
6. Proforma for performance statement (Annexure-x)
7. A Self-Declaration – For Not Blacklisting, Not under Liquidation, Court receivership or similar Proceedings, Not under Bankrupt. (Annexure-xi)
8. Scanned copy of Annexure-XII

(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.

	A	B	D	E	L	M	N	O	W	X	Y	BA	BB	BC
1	Validate	Print	Help	Item Rate BoQ										
4	Tender Inviting Authority: Registrar, IIT Patna													
5	Name of Work: Supply of "Planetary ball mill in buyback mode" at IIT Patna													
6	Tender Reference No: IITP/S&P/1/MM-356/2025-26													
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 relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Va													
11	Sl. No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE of item to be procured (Rs.)	GST Rate (Do not enter Special Character)	Total Amount including GST	Buyback Item Rate	GST Rate on Buyback (Do not enter Special Character)	Total Amount of Buyback Item	TOTAL AMOUNT After Buyback Without Taxes	TOTAL AMOUNT After Buyback With Taxes	TOTAL AMOUNT In Words
12	1	2	4	5	12	13	14	15	23	24	25	53	54	55
13	1	Planetary Ball Mill	1	Nos	INR			-			-	0.00	0.00	INR Zero Only
14	Total in Figures											0.00	0.00	INR Zero Only
16	Quoted Rate in Words		INR Zero Only											

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 “Planetary Ball Mill Machine of BOQ in buyback mode).								
Total GST Amount								
Grand Total Amount								
11	<u>Optional Item 1</u>							
12	Optional Item 2							
13	<u>Optional Item 3</u>							
14	<u>Optional Item 4</u>							
15	Optional Item 5							
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*								

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

Annexure- X

PROFORMA FOR PERFORMANCE STATEMENT

(for Similar/Same Goods/Equipment for a period of last three years)

Tender Reference No.: IITP/S&P/1/MM-356/2025-26

Name of the Firm.....

<u>Order Placed By----</u> <u>(Full address of Purchaser)</u> Please also enclose Purchase order copy	<u>Order No and date</u>	<u>Description and quantity of the ordered equipment</u>	<u>Value of order</u>	<u>Date of completion of delivery</u>		<u>Remarks indicating reasons for late delivery, if any</u>	<u>Has the equipment been satisfactorily</u>
				<u>As per contract</u>	<u>Actual</u>		
1	2	3	4	5	6	7	8

Signature and seal of the Bidder

A Self-Declaration – For Not Blacklisting, Not under Liquidation, Court receivership or similar Proceedings, Not under Bankrupt.

To,
The Registrar,
IIT Patna

Sub: Submission of Tender No _____ for the Supply & Installation of _____ equipment. Dear Sir/Madam,
I / We hereby declare that presently our Organization / Company / Firm
M/s. _____ is Not Blacklisted / Debarred by State / Central Government / PSU
Autonomous Body and also not under Liquidation, Court receivership or similar Proceedings, not
under Bankrupt on the date of Bid Submission.
If this declaration is found to be incorrect then without prejudice to any other action that may be
taken, my/our security may be forfeited in full and the tender if any to the extent accepted may be
cancelled.

Yours faithfully,

(Signature of the bidder, with Official Seal)

Date:

Performa of Technical compliance sheet

Sl. No.	Parameter	Specification	YES/NO
1	Feed size	< 10 mm	
2	Final fineness	<1 μ m / Equivalent	Please mention the exact value
3	No. of grinding stations	M 02	
4	Number of Jars and capacity/size	Minimum 02 Jars of 250 ml capacity of each or above	
5	Effective Sun wheel Dia	141 mm	
6	Drive Mode	Sun wheel	
7	Rated Power	0.75 KW / AS applicable	
8	Material of Jars	Minimum 02 Jars should be made of Zirconia (optional tungsten carbide)	Please mention the exact value
9	Casing	Stainless Steel 316L	
10	Speed Ratio with reference to Main disc & Jars	1: -2 or better	
11	Range of rotational Speed of Main Disk/ Base plate	40 - 600 rpm or better	
12	Range of rotational Speed of jars	80 – 1200 rpm or better	
13	Number of grinding balls and size	100 nos. or higher of size 10 mm diameter	
14	Material of balls	Minimum 100 nos. should be made of Zirconia	
15	Grinding Conditions	Both dry and wet grinding WITH Teflon Oring	
16	Operation Time	Machine should run uninterruptedly for more than 100 hrs. with appropriate Off time in periodic interval	
17	Type of mounting	Floor mountable	
18	Safety lock	Safe lock clamping system while fitting the jars	
19	Door sensor	If door is open or not closed properly, machine should not start & display message to close door	

20	Door lock	Door Lock should be provided to restrict user to open the door at the time of grinding of samples	
21	Ventilation	Exhaust fan should be provided for ventilation and to control temperature of grinding chamber to enhance grinding time	
22	Leak Proof Dry & Wet Grinding	“O” ring should be provided which act as a tight seal between Lid & jar for leak proof wet & dry grinding	
23	Motor over load protection	Over load protection should be provided in case motor draws over current due to any reason. The over load relay (OLR) will trip the motor and protect from burning	
24	Noise Level	Well within the permissible limit of CPCB	
25	Software & Automation	Programmable PLC Control or Touch screen control.	
		25.1. Control parameters (Digital):	
		1. Rotational speed (RPM)	
		2. Run time (HH: MM: SS)	
		3. Off time (HH: MM: SS)	
		4. No. of cycles	
		5. Forward & Reverse selection modes	
		6. Acceleration (Seconds)	
		7. Deceleration (Seconds)	
		25.2 Display parameters (Digital):	
		1. Set rotation speed	
		2. Total cycles & Current cycle No.	
		3. Set time	
		4. Balance time	
		5. On time	
		6. Off time	

		7. Energy Input/Voltage/Frequency	
	Software & Automation	8. Safety instruction (Door open, Door Lock, Over load etc.)	
26	Overall Dimensions (in mm)	630 x 468 x 415	
27	Memory Power failure backup	In case of power failure, the machine should restore the stored setting and start milling again on restoration of power.	
28	Programmable interval &Break Times and rotation direction (Clockwise & Anti-Clockwise)	Facility for Programmable interval & Break times and rotation direction (Clockwise, Anti-Clockwise & Alternate)	
29	Energy Monitoring	Facility to monitor energy input and consumption with voltage and frequency	
30	SOP Storage	Minimum 05 Standard Operational Process should be stored with material name and parameters	
31	USB/Serial port Interface	Mill should be connected to Computer to download data by using USB or LAN port	
32	Power Supply	230 V, 50 Hz	
33	Delivery, Installation, Commissioning and training	Should included	
34	Warranty	Minimum 03 year from the date of installation	

(Please mention exact value in sl. No.- 02 and 08 and in rest sl. No. please quote ‘YES’ or ‘NO’)

1) Item Details	Planetary Ball Mill
2) Item Description	01) Planetary Ball Mill PM 100 for 230 V, 50/60HZ, With 1 grinding station, Speed Ratio 1:2 02) Safety closure device for grinding jars " comfort" 250 ml
3) Serial Number	1216260211M
4) Model	PM 100
5) Brand	Restch GmbH
6) Year Of Manufacturing	2016
7) Date Of Purchase	30/03/2016/ 05/05/2016 (INSTALL)
8) Size And /Or Rating	Upto 10mm feed size and 0.1µm final fineness
9) Unit Of Measurement	Nos
10) Quantity	01
11) One image of buyback item	
11) Remarks (if any)	

Additional Conditions For Buyback

The Vendor Will Be Responsible For The Un-Installation Of Buyback Items.

The Vendor Will Be Entirely Responsible For The Safe Disposal Of Old Items Without Affecting The Environment Anymore.

All The Relevant Rules And Regulations Applicable On Buyback Items Shall Be Strictly Followed By The Vendor

Image of the buyback items

