

**भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद**

धनबाद, झारखण्ड, भारत, पिन-826004

(शिक्षा मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD**DHANBAD, JHARKHAND, INDIA, PIN-826004****(An Institute of National Importance under Ministry of Education, Govt. of India)****STORES & PURCHASE SECTION** Phone:(0326) 2235678 || Email : purchase@iitism.ac.in || Website : www.iitism.ac.in

No. ME-PRJ-069-25-26

Date:30 March 2026

Request for Quotation

To,

Subject: Supply & Installation of Lab Scale Vibratory Screens with VFDs for Material Handling Experimental Test Setup.

Sir,

Indian Institute of technology (Indian School of Mines), Dhanbad is interested in the purchase of the materials/ equipment/service listed below:

Sl.No.	Detailed Specifications	Quantity
1	Supply & Installation of Lab Scale Vibratory Screens with VFDs for Material Handling Experimental Test Setup (Specification in Annexure –II)	02 No

INSTRUCTIONS:

- 1) Please attach relevant technical literature of the item.
- 2) Please fill in the attached form 01 regarding class of supplier.
- 3) Please mention warranty/ guarantee period in your offer. Equipment/ material supplied must have minimum warranty/ guarantee of **12 months**.
- 4) Please enclose authorization certificate from OEM.
- 5) Please mention after sales service information in your offer.
- 6) ***Please attach a certificate that the quoted price is not more than that of any other Govt. organization/ institution in India. This has to be mentioned in the offer letter clearly.***
- 7) The rates should be quoted for each item separately as per price schedule attached as annexure I (A) & (B). The comparison between the indigenous and the foreign offers shall be made on FOR destination basis and CIF/CIP basis respectively. However, the CIF/CIP prices quoted by any foreign bidder shall be loaded further as under:
-Towards customs duty, IGST and other statutory levies, custom clearance, inland transportation, currency fluctuation etc. – 15% of the CIF/CIP value.
-Duties & taxes, if applicable, are to be shown separately clarifying whether those are extra or included in the price.
- 8) The items/ materials shall be required to be delivered to the Mechanical Engineering Department of IIT (ISM) Dhanbad at the risk and cost of the tenderer.
- 9) Your tender must be **valid for minimum 180 days** from the date of opening of tender.
- 10) Full details of service offered should be given in the tender along with supporting relevant literature / Technical Literature.
- 11) The items offered should be of good quality, confirming to BIS standards, wherever applicable.
- 12) ***Advance payment is not admissible.*** Payment shall normally be made within 3-4 weeks subject to receipt and acceptance & installation (as per Purchase Order Terms) of the materials ordered/items.
- 13) In the materials/items ordered to supply the materials or install the same as contractual condition, IIT (ISM) Dhanbad shall have the right to deploy suitable agency/ third party to get the job completed at the risk and cost of the supplier.
- 14) Tender may please be submitted ***in sealed cover only superscribed with Enquiry No. ME-PRJ-069-25-26 latest by 20.04.2026.***
- 15) **The offer must be submitted in the office of Deputy Registrar (Project Purchase Section), IIT (ISM), Dhanbad– 826004 (Jharkhand, India) only. Please send your offer by Regd. Post/ Speed Post/ Courier along with Courier receipt, Email/Fax. Tender/ quotation will be received during IIT (ISM) Dhanbad working hours only (i.e. Monday to Friday).**
- 16) **EMD:** EMD of an amount of **Rs. 24,000/-** in form of Demand Draft in favor of Registrar, IIT (ISM) Dhanbad payable at Dhanbad. EMD can also be submitted in the form of Term Deposit Receipt/ Fixed Deposit Receipt/Bank Guarantee drawn in favor of Registrar, IIT (ISM)Dhanbad

**भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद**

धनबाद, झारखण्ड, भारत, पिन-826004

(शिक्षा मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD**DHANBAD, JHARKHAND, INDIA, PIN-826004****(An Institute of National Importance under Ministry of Education, Govt. of India)****STORES & PURCHASE SECTION** Phone:(0326) 2235678 || Email : purchase@iitism.ac.in || Website : www.iitism.ac.in

No. ME-PRJ-069-25-26

Date:30 March 2026

- 17) **Performance Bank Guarantee:** A bank guarantee issued by a Nationalized Bank in India towards PBG for an amount equal to 5% of total value of purchase order and valid till the period beyond two months of completion of warranty period should be submitted in favour of **Registrar, IIT (ISM) Dhanbad.**
- 18) Any other information that you may like to obtain, you are free to contact IIT (ISM) Dhanbad before submission of tender.
- 19) IIT (ISM) Dhanbad reserves the right to accept and/or to reject any/all tenders without assigning any reason.
- 20) **Payment:** Payment will be made within 30-45 days after satisfactory supply, inspection, installation/commissioning/ satisfactory services & acceptance and on submission of pre-receipted tax invoice, delivery challan, warranty certificate and installation report in triplicate
- 21) a) **In a tender, either the Indian agent on behalf of the principle/ OEM and the Principle/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.**
b) **If an agent submits bid on behalf of the principle/ OEM, the same agent shall not submit a bid on behalf of another principle/ OEM in the same tender for the same item/product.**

For and on behalf of
IIT(ISM), Dhanbad

Deputy Registrar
(Project Purchase Section)

**भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद**

धनबाद, झारखण्ड, भारत, पिन-826004

(शिक्षा मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD**DHANBAD, JHARKHAND, INDIA, PIN-826004****(An Institute of National Importance under Ministry of Education, Govt. of India)****STORES & PURCHASE SECTION** Phone:(0326) 2235678 || Email : purchase@iitism.ac.in || Website : www.iitism.ac.in

No. ME-PRJ-069-25-26

Date:30 March 2026

Annexure –I(A)**1. PRICE SCHEDULE FOR GOODS BEING OFFERED WITHIN INDIA**

Name of the Bidder _____

NIT Reference No. _____

File Reference No. _____

Sl. No.	Full Description of items with (HSN Code/SAC Code)	Quantity	Unit Price (in INR)	Total Amount (in INR)
1.				
2.				
3.				
Ex-Works Price-				
Packing & Forwarding				
Transportation				
FOR (IIT ISM) Dhanbad				
<u>GST/IGST (their rate(s) as the case may be, clearly specified)</u>				
<u>Please note that IIT ISM is eligible for Concessional GST as per Notification No. 45/2017-Central Tax (Rate) for CGST, 45/2017-State Tax (Rate) for SGST and 47/2017-Central Tax (Rate) for IGST.</u>				
Insurance up to Destination/handover (in case of fabrication)				
Installation & Commissioning charge				
Training charges, if any				
Additional Warranty Charges, if any				
Annual Maintenance Charge, if any				

*(On the basis of the technical specifications submitted)

Total Bid Price _____

in words _____

Note :

(a) The Price schedule of optional items shall be indicated in a separate sheet in the same Performa.

(b) Cost spare parts may be indicated separately

Signature of Bidder

Name _____

Business

Address _____

**भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद**

धनबाद, झारखण्ड, भारत, पिन-826004

(शिक्षा मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD**DHANBAD, JHARKHAND, INDIA, PIN-826004****(An Institute of National Importance under Ministry of Education, Govt. of India)****STORES & PURCHASE SECTION** Phone:(0326) 2235678 || Email : purchase@iitism.ac.in || Website : www.iitism.ac.in

No. ME-PRJ-069-25-26

Date:30 March 2026

Annexure –I(B)**Form-1****Declaration by bidder****(Please specify Class of Supplier and Local Content percentage)****In accordance and manner as specified in Order No. P45021/2/2017-PP (BE-II) dated : 04th June 2020 and 2th March 2021 issued by DIPP, Ministry of Commerce and Industries, GoI.**

To,

The Director,

Indian Institute of Technology (Indian School of Mines)

Dhanbad -826004

Respected Sir,

In accordance with the order No. P-45021/2/2017-PP (BE-II) dated 04th June, 2020 and P-45021/2/2017-BE-II-Part (1) (E-50310) dated 4th March 2021 I hereby declare that

I am aware about all provision mentioned in Tender No. ME-PRJ-069-25-26 as well as order No. P-45021/2/2017-PP (BE-II) dated 04th June, 2020 and P-45021/2/2017-BE-II-Part (1) (E-50310) dated 4th March 2021 and abides by the same.

I declare that for this tender, I am a **Class-I local supplier / Class-II local supplier / Non-local supplier** (Strike out whichever is not applicable) and classification is based on local content of goods/services/work offered by bidder in this tender.

Local content (in percentage) in offered good/services/work is: _____%

Whereas 'Local Content' means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

The services such as transportation, insurance, installation, commissioning, training and after sales service support like ACM/CMC etc. are not included as Local content in case of imported products.

The local content for all inputs which constitute the said goods/services/works has been verified and bidder is responsible for the correctness of the claims made therein.

Date:

Signature:

Name of Authorized Signatory:

Name of Bidder:

Seal of Bidder:



No. ME-PRJ-069-25-26

Date:30 March 2026

Annexure –I(C)**SELF-CERTIFIED DECLARATIONS FOR TAKING PART IN TENDER****a. Regarding blacklisting / debarring****b. Insolvency**

1. I / We _____ (Tenderer) hereby declare that the firm / agency / Company, namely M/s _____ has not been declared as **insolvent**.

AND

2. I / We _____ (Tenderer) hereby declare that the firm / agency / Company, namely M/s _____ has not been **blacklisted or debarred** in the past by Union / State Government or Organization from taking part in Government tenders in India.

OR

2. I / We _____ (Tenderer) hereby declare that the Firm/Agency/Company, namely M/s _____ was **blacklisted or debarred** by Union/ State Government or any Organization from taking part in Government tenders for a period of _____ years w.e.f. _____ to _____. The period is expired and now the Firm/Agency/Company is entitled to take part in Government tenders.

In case the above information is found to be false I / We are fully aware that the tender/contract will be rejected / cancelled by Director, IIT(ISM) Dhanbad, and EMD shall be forfeited.

In addition to the above the Director, IIT(ISM) Dhanbad will not be responsible to pay the bills for any completed/partially completed work.

Date:**Place:****Self Certification:** _____**Name:** _____**Address:** _____**Stamp:**

**भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद**

धनबाद, झारखण्ड, भारत, पिन-826004

(शिक्षा मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)

**INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD
DHANBAD, JHARKHAND, INDIA, PIN-826004**

(An Institute of National Importance under Ministry of Education, Govt. of India)

STORES & PURCHASE SECTION Phone:(0326) 2235678 || Email : purchase@iitism.ac.in || Website : www.iitism.ac.in

No. ME-PRJ-069-25-26

Date:30 March 2026

Annexure –I(D)**UNDERTAKING****(To be signed and submitted/uploaded along with technical bid documents on Company's Letter Head)****(As per Office Memorandum No. F.7/10/2021-PPD (1) dated: 23.02.2023 issued by Department of Expenditure (Ministry of Finance), Govt. of India)****Model certificate for Tenders**

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached]"

Place:**Signature:**_____**Date:****Name:**_____**Stamp:**_____**OR****Model certificate for tenders for work involving possibility of sub-contracting**

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contracting from such countries I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub contract any work to a contract form such countries unless such contractor is registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Provide Compliance for the above in Vendor Specified Commercial Terms.]"

Place:**Signature:**_____**Date:****Name:**_____**Stamp:**_____



No. ME-PRJ-069-25-26

Date:30 March 2026

Annexure –II**LAB SCALE VIBRATORY SCREENS WITH VFDS FOR MATERIAL HANDLING
EXPERIMENTAL TEST SETUP****1. TECHNICAL PROPOSAL:**

- a) Different screen inclination (variation of screen angle).
- b) Customizable panel design and screen aperture with different size
- c) Customizable vibration parameters like change in amplitude, type of motion (Linear cum Elliptical for Linear cum Elliptical screen).
- d) Feed Material – Iron ore

2. Details of the Screen test Set-up: The set up will be comprising of:

- i. Feeding chute to take the feed from the existing Vibrating feeder (existing in Material Handling Laboratory) fitted with the available movable conveyor belt.

3. OPERATION:

- i. Circular Screen and Linear cum Elliptical Screen will be installed side by side.
- ii. Materials will be fed by existing vibrating feeder fixed with the existing movable conveyor belt to the respective screen feed chute which is to be moved and aligned to the operating Screen feed chute.
- iii. After screening, material will be discharged to collecting trays.

4. NO. OF EQUIPMENT/ ACCESSORIES CONSIST OF:

- i. One of set of lab scale model of vibrating Screen should be capable of generating Linear cum elliptical motion
- ii. One of set of lab scale model of vibrating Screen should be capable of generating Circular motion
- iii. Two Set of VFD (Variable Frequency Drives) compatible with all four motors of both screens with flexible connections.
- iv. Trolley - 1 Nos.- (For collection of material Oversize/ Undersize) compatible with screen size below it during experiments

Detailed specifications of the above mentioned items are given in Table 1 and Table 2

5. SPECIFICATIONS DETAILS OF VIBRATING SCREEN FOR LINEAR CUM ELLIPTICAL MOTION



No. ME-PRJ-069-25-26

Date:30 March 2026

Table 1

i.	Size	610 mm wide x 915 mm
ii.	long Capacity (working)	500 Kgs / Hr (max)
iii.	Capacity (design)	1000 Kgs / Hr (max)
iv.	Type	Single Deck
v.	Screen panel	305 mm x 305 mm
vi.	No. of panels	6 Nos.
vii.	MOC of panels	Polyurethane (replaceable / changeable)
viii.	Screen construction	IS 2062 E 250, Huck Bolted construction
ix.	Isolation	Through Coil Spring
x.	Tilting angle	0 to 10 Deg. adjustable
xi.	Amplitude:	4 mm to 7 mm approx. (centre-peak at motor mass setting)
xii.	Total Power	0.9 kW
xiii.	Type of Motor	Unbalance mass vibrating motor
xiv.	Capacity of motor	0.9 kW
xv.	Quantity	2 Nos.
xvi.	Voltage	415 V, 3 Ph. 50 Hz
xvii.	RPM	1000 higher

6. SPECIFICATIONS DETAILS OF VIBRATING SCREEN FOR CIRCULAR MOTION

Table 2

i.	Size	610 mm wide x 915 mm
ii.	long Capacity (working)	500 Kgs / Hr (max)
iii.	Capacity (design)	1000 Kgs / Hr (max)
iv.	Type	Single Deck
v.	Screen panel	305 mm x 305 mm
vi.	No. of panels	6 Nos.
vii.	MOC of panels	Polyurethane (replaceable / changeable)
viii.	Screen construction	IS 2062 E 250, Huck Bolted construction
ix.	Isolation	Through Coil Spring
x.	Tilting angle	0 to 10 Deg. adjustable
xi.	Amplitude:	4 mm to 7 mm approx. (centre-peak at motor mass setting)

**भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद**

धनबाद, झारखण्ड, भारत, पिन-826004

(शिक्षा मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD**DHANBAD, JHARKHAND, INDIA, PIN-826004****(An Institute of National Importance under Ministry of Education, Govt. of India)****STORES & PURCHASE SECTION** Phone:(0326) 2235678 || Email : purchase@iitism.ac.in || Website : www.iitism.ac.in

No. ME-PRJ-069-25-26

Date:30 March 2026

xii.	Total Power	0.9 kW
xiii.	Type of Motor	Both motors need to be connected to the individual exciters through belt and pulley (unbalance) with pulleys on either sides of the screen
xiv.	Capacity of motor	0.9 kW
xv.	Quantity	2 Nos.
xvi.	Voltage	415 V, 3 Ph. 50 Hz
xvii.	RPM	1000 or higher

7. INSTALLATION REQUIREMENTS:

- Screens has be to delivered at the Mechanical Engineering Department, IIT(ISM) Dhanbad -826004, Jharkhand
- Vendor is required to install both the screen on the site
- Training has to be provided for operations.