



GSTIN : 20AAAAI0686D1ZA

**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. CE-INS-174-23-24

Date: 12 December 2023

**Request for Quotation****To,****M/s****Subject: Supply & Installation of Flexible Wall Permeameter****Sirs**

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

| Sl.No. | Detailed Specifications   | Quantity |
|--------|---|----------|
| 1      | <b>Supply &amp; Installation of Flexible Wall Permeameter<br/>(Specification in Annexure –II)</b> | 01 No    |

**INSTRUCTIONS:**

- 1) Please attach relevant technical literature on the item.
- 2) Please fill out the attached form 01 regarding the class of supplier.
- 3) Please mention the warranty/ guarantee period in your offer. Equipment/ material supplied must have a minimum warranty/ guarantee of **12 months**.
- 4) Please attached 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.***
- 7) The rates should be quoted for each item separately as per the 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. – 30% of the CIF/CIP value. -Duties & taxes, if applicable, are to be shown separately clarifying whether those are extra or included in the price. Price bids of only technically qualified tenderers shall be opened in their presence on a pre-notified date and time.
- 8) The items/ materials shall be required to be delivered at the Civil Engg Department of IIT (ISM) Dhanbad at the risk and cost of the tenderer.
- 9) Your tender must be **valid for a minimum 120 days** from the date of opening of the tender.
- 10) The stores are required to be delivered within 30 days, late delivery may not be accepted.
- 11) Full details of stores offered should be given in the tender along with supporting & relevant literature/ Technical Literature.
- 12) The items offered should be of good quality confirming to BIS standards, wherever applicable.
- 13) ***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 ordered materials/items.
- 14) In the event of the supplier failed 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.
- 15) Tender may please be submitted ***in sealed cover only superscribed with Enquiry No. CE-INS-174-23-24 latest by 02.01.2024.***
- 16) The offer must be submitted in the office of the Deputy Registrar (Purchase & Stores), IIT (ISM), Dhanbad– 826004 (Jharkhand, India) only. Please send your offer by Regd.Post/ Speed Post/ Courier along with Courier receipt. Tender/ quotation will be received during IIT (ISM) Dhanbad working hours only (i.e. Monday to Friday). At any circumstances by hand delivery is not acceptable. Late or delayed tenders shall be summarily rejected. Bids sent through Email/Fax or submitted in unsealed cover(s) will not be accepted and such bids will be treated as non-responsive bids.
- 17) **Performance Bank Guarantee:** A bank guarantee issued by a Nationalized Bank in India towards PBG for an amount equal to 10% of the total value of the purchase order and valid till the period beyond two months of completion of the 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.



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- 19) IIT (ISM) Dhanbad reserves the right to accept and/or to reject any/all tenders without assigning any reason.
- 20) **Payment:** will be made within 30 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) **Please attach purchase order copies of the same equipment which you have supplied to any other Govt., public sector, and autonomous institutions.**
- 22) **a) In a tender, either the Indian agent on behalf of the principal/ OEM and the principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.**  
**b) If an agent submit bid on behalf of the principle/ OEM, the same agent shall not submit a bid on behalf of another principal/ OEM in the same tender for the same item/product.**

Assistant Registrar



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**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  |  |          |                     |                       |
| GST/IGST (as applicable ..... %)                              |  |          |                     |                       |
| Insurance up to Destination/handover (in case of fabrication) |  |          |                     |                       |
| Installation & Commissioning charge                           |  |          |                     |                       |
| Training charges, if any                                      |  |          |                     |                       |
| FOR (IIT ISM) Dhanbad   |  |          |                     |                       |
| 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 \_\_\_\_\_



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**Annexure –I(B)****2. PRICE SCHEDULE FOR GOODS BEING OFFERED FROM ABROAD**

Name of the Bidder \_\_\_\_\_

NIT Reference No. \_\_\_\_\_

File Reference No. \_\_\_\_\_

| Sl. No.   | Description/Part No./Make Model | Quantity | Unit Price (in foreign currency) | Total Amount (in foreign currency) |
|---|---------------------------------|----------|----------------------------------|------------------------------------|
| 1.  |                                 |          |                                  |                                    |
| 2.  |                                 |          |                                  |                                    |
| 3.  |                                 |          |                                  |                                    |
| Total Ex-Works Price-                               |                                 |          |                                  |                                    |
| Packing & Forwarding and inland freight             |                                 |          |                                  |                                    |
| *FCA (at port)                                      |                                 |          |                                  |                                    |
| Terminal charges, loading on vassal                 |                                 |          |                                  |                                    |
| **FOB (name of port)                                |                                 |          |                                  |                                    |
| Air freight & insurance up to destination port      |                                 |          |                                  |                                    |
| *CIF  |                                 |          |                                  |                                    |
| Carrier charges & insurance up to final destination |                                 |          |                                  |                                    |
| **CIP   |                                 |          |                                  |                                    |
| Concessional Custom Duty (Against DSIR Certificate) |                                 |          |                                  |                                    |
| IGST rate (Against IIT (ISM) Certificate)           |                                 |          |                                  |                                    |
| Other Duties taxes/clearance charge, if any         |                                 |          |                                  |                                    |
| Transportation charges up to IIT ISM Dhanbad        |                                 |          |                                  |                                    |
| Chargeable weight/Gross weight of consignment       |                                 |          |                                  |                                    |
| Indian agency Commission (%)                        |                                 |          |                                  |                                    |
| Installation & Commissioning charge                 |                                 |          |                                  |                                    |
| Training charges, if any                            |                                 |          |                                  |                                    |
| Additional Warranty Charges, if any                 |                                 |          |                                  |                                    |
| Annual Maintenance Charge, if any                   |                                 |          |                                  |                                    |
| Educational discounts, if any                       |                                 |          |                                  |                                    |

\*&amp;\*\*\* Mandatory requirement

Total Bid Price\_\_\_\_\_ in words\_\_\_\_\_

Note:

Total Bid price in foreign currency \_\_\_\_\_ in words

(a) Indian agent name &amp; address \_\_\_\_\_

(b) Installation, commissioning &amp; training charges, if any \_\_\_\_\_

(c) Please note that Indian agents' commission shall be paid in Indian Rupees only.

(d) Banker's details such as- Name of account holder, Account Number, Name of Bank, Branch code, RTGS code, NEFT code, SWIFT code etc.

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

**(g) Quoting Price for FOB/FCA and for CIF/CIP basis, otherwise bid will be rejected.**

(h) Wherever the price quoted on FOB/FCA and CIF/CIP basis are the same, the contract would be made on CIF/CIP basis only.

(i) Country of Origin Dimension and Gross Weight must be provided.

Signature of Bidder

Name \_\_\_\_\_

Business Address \_\_\_\_\_



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**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: 04<sup>th</sup> June 2020 and 2<sup>th</sup> 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 04<sup>th</sup> June, 2020 and P-45021/2/2017-BE-II-Part (1) (E-50310) dated 4<sup>th</sup> March 2021 I hereby declare that

I am aware about all provision mentioned in Tender No. CE-INS-174-23-24 as well as order No. P-45021/2/2017-PP (BE-II) dated 04<sup>th</sup> June, 2020 and P-45021/2/2017-BE-II-Part (1) (E-50310) dated 4<sup>th</sup> 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:





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**Annexure –II**

## **TECHNICAL SPECIFICATIONS**

### **FLEXIBLE WALL PERMEAMETER SUITABLE FOR TESTING WITH TOXIC PERMEANTS**

- Pressure Distribution Panel - 1 No. including Master control panel, for saturating and carrying out permeability / hydraulic conductivity tests on one specimen using a permeability cell in conformity to ASTM D5084; BS 1377 Part 6 1990. Pressure system to control the pressure, water, de-airing tank and vacuum from a single panel, utilises a set of three burettes to control cell, top and base pressures in a specimen. Monitor volume change in the sample and can be used to measure the flow of water through the sample for permeability testing. Lightweight aluminium construction for long, rust-free life. Expandable to simultaneously test up to 6 specimens by adding auxiliary panels without additional master control units.
- Pressure/resolution Up to 1000 kPa with Resolution of 1 kPa
- Inner Burette: Cell 50cc x 0.1 cc (ml), Top & Base 10cc x 0.02 cc (ml)
- Outer Burette: Cell 400cc (ml), Top & Base 460cc (ml)
- Bias Pressure Regulator for simultaneous control of confining and back pressure while maintaining a constant differential.
- Bridge Feature for simultaneous control of base and top pressures by adjusting one pressure regulator.
- Master control panel houses digital pressure readout for the controlling pressure, inlet vacuum regulator and gauge, inlet pressure regulators and gauge, de-aired water tank controls, tap and de-aired water supply outlets, and pressure and vacuum outlets
- no-volume change valves and constant-bleed type precision regulators for accurate control of pressures.
- All inlets and outlets utilise quick-connects to ensure fast, accurate setup
- Permeability Cell – 1 No. 1000 Kpa continuous test capacity, 5 (Five) No volume change valves - 2 for top, 2 for base and 1 for cell. All stainless steel valves and fittings, 38 mm SS Top cap and Base pedestal set.
- Toxic Interface Units – 2 Nos: For permeability tests of corrosive or toxic permeants. Flexible fluoroelastomer bladder accumulator interfaces between control panel and sample drains on permeameter. Acts a fluid separator to prevent permanent from entering the control panel. Also prevents contact of air with permanent, thus no toxic or corrosive vapours can escape into the lab. Two units are required for each cell.
- Other Accessories: 38mm dia. Porous Stone-02 nos., Latex Membranes 38mm-12 pcs, Membrane Stretcher 38mm-1 no., O Rings 38 mm-12 pcs, O Ring Placing Tool 38 mm-1 no., Filter Paper-100pcs, 2 Part 38mm compaction mould, suitable air compressor 1000 kpa, vacuum pump, Installation kit including set of tubes, connectors, ferrules, vacuum grease etc.

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