



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. MN-INS-049-23-24

Date: 30 June 2023

Request for QuotationTo,
M/s**Subject: Supply & Installation of DGMS approved Multigas Detector with accessories.****Sirs**

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

| Sl.No. | Detailed Specifications | Quantity |
|--------|--|----------|
| 1 | Supply & Installation of DGMS approved Multigas Detector with accessories (Specification in Annexure –II) | 02 No |

INSTRUCTIONS:

- 1) Please attach relevant technical literature of the item.
- 2) Please fill 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 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 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 levis, custom clearance, inland transporation, 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 Mining Department of IIT (ISM) Dhanbad at the risk and cost of the tenderer.
- 9) Your tender must be **valid for minimum 120 days** from the date of opening of 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 literatures/ 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. MN-INS-049-23-24 latest by 21.07.2023.***
- 16) The offer must be submitted in the office of 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 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.**



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- 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:** 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) **Please attach purchase order copies of the same equipment which you have supplied to any other Govt., public sector and autonomus instituions.**
- 22) **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 submit 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.

Deputy 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 | | | | |

*&*** Mandatory requirement

Total Bid Price_____ in words_____

Note:

Total Bid price in foreign currency _____ in words

(a) Indian agent name & address _____

(b) Installation, commissioning & 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: 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. MN-INS-049-23-24 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, and 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 SPECIFICATION OF DGMS APPROVED MULTIGAS
DETECTOR WITH ACCESSORIES**

| | |
|-----------|---|
| A. | TECHNICAL FEATURES REQUIRED |
| 1. | Portable Multi Gas Detector with charging Cradle for measuring following gases a) CH ₄ , b) CO ₂ , c) CO, d) O ₂ , e) H ₂ f) H ₂ S |
| 2. | Compact (Dimensions $\leq 50 \times 150 \times 45$ mm) Light Weight (≤ 250 Gms) |
| 3. | A safe fixation of the instrument shall be assured by the use of a crocodile clip |
| 4. | Instrument shall be of a high strength non-corrosive polymer material with an integral rubber boot to be durable against an accidental from the height of 1 m. |
| B. | SENSORS |
| 1 | Pluggable IR / Electrochemical Sensors of expected sensor life of 03 years. |
| 2 | Measuring Range : CH ₄ - 0-100 Vol. -% / 0-100 % LEL CO ₂ – 0 – 5 % Vol CO – 0 – 2000 PPM O ₂ – 0 – 25 Vol % H ₂ – 0 – 2000 PPM H ₂ S – 0 – 100 PPM |
| C. | Display |
| 1. | Digital LCD Display with backlight facility |
| 2. | Instrument shall have the capability if displaying STEL & TWA value |
| 3. | Instrument shall be capable of displaying NO gas Reading as VOL%, ppm |
| D. | Operation |
| 1. | The instrument shall have no more than two clearly marked buttons to assure intuitive use. |
| 2. | Instrument shall be designed to avoid accidental shutoff. |
| 3. | A password configurable by the user shall avoid accidentally access to calibration menu |
| E. | Alarm |
| 1. | Instrument shall provide a pre and main alarm. The alarm set points must be user settable. |
| 2. | Visual alarm shall consist of bright, flashing LED's on front and top side of the instrument. |
| 3. | Multi Tone >90 dB at 30 cm |
| 4. | Unit shall be provided with standard vibrating alarm |
| F. | BATTERY |
| 1. | Must have rechargeable NiMH Battery with power backup |
| 2. | Operating time ~ 9 h or rather ~ 10.5 h |
| 3. | Charging time < 6 hours |
| 4. | The battery icon should always display the battery capacity remaining when the instrument is in use. |
| 5. | The battery charging status shall be visibly indicated by the LED of the charging Cradle. |
| G. | ACCESSORIES |
| | 1. PUMP : <ul style="list-style-type: none">• Dimension – 67 x 175 x 38 mm• Weight – 200 Gm (Approx) |



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| | |
|-----------|--|
| | <ul style="list-style-type: none">• Operating Temperature - -20°C to 50° C• Air Flow Volume – 0.4 L/Min• Air Humidity – 0-95% RH• Protection – IP67 <p>2. Hose for Above Pump</p> <p>3. PROBE – Telescopic Probe for above Pump</p> |
| H. | INGRESS PROTECTION : IP 67 |
| I. | Calibration: Instrument must be liable to display the remaining time before upcoming calibration. The calibration must be performed by Service Engineer of OEM |
| J. | Other Conditions |
| 1. | User Manual for detailed technical evaluation |
| 2. | After Sales Service, Repair and Maintenance facilities in Dhanbad |
| 3. | Offered Model must be DGMS Approved |
| 4. | The DGMS Approval No. Must be mentioned on the Instrument. |
| 5. | The DGMS Approval must be Valid at the time of Bidding & Supply. |

Other Terms and Conditions

1. The firm should provide 3 (three) years warranty on the equipment from the date of satisfactory installation.
2. Installation of the equipment and complete training to 4 persons on the use of the equipment at Indian Institute of Technology (Indian School of Mines), Dhanbad will be imparted by the firm at free of cost.
3. No advance payment or payment through bank in advance is admissible. The payment will be made only after satisfactory installation of the equipment.