



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-096-23-24

Date: 11 September 2023

**Request for Quotation**

To,

**Subject: Supply & Installation of Ventsim DESIGN Premium License.**

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	<b>Supply &amp; Installation of Ventsim DESIGN Premium License (Specification in Annexure –II)</b>	01 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-096-23-24 latest by 03.10.2023.***
- 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.**
- 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.



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- 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				

\*&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. MN-INS\_096-23-24 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, 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 Specifications of Ventsim DESIGN Premium Licence

#### **The software's specifications must include:**

**Graphics:** The software offers a seamless interface with 3D Solids, magnifying visualization into a truly immersive experience. Its DXF import functionality facilitates effortless integration of external data, even in solid forms, to enhance compatibility across a spectrum of designs. Additionally, the multi-window display augments our ability to flexibly visualize simulations.

**Simulation:** By affording an unlimited scope for maximum network airways, the software provides an all-encompassing simulation environment. Its prowess in simulating compressible flows across diverse scenarios is noteworthy.

**Fans:** The software's capability to model variable speed fans is instrumental in rendering realism to airflow simulations. The inclusion of reversible fans in the simulation serves to mirror real-world conditions.

**Thermodynamic:** The software excels in accommodating heating and cooling simulations, thus enabling comprehensive analytical capabilities. Rock thermal input capabilities ensure precise assessment of geothermal influences.

**Advanced Heat Prediction:** With the capacity for advanced heat prediction, the software forecasts thermal changes with a high degree of accuracy. It also accommodates diesel equipment simulation, facilitating the assessment of heat generation and ventilation repercussions.

**Contaminant Distribution Prediction:** The software's capacity to predict contaminant distribution is pivotal for conducting safety assessments.

**Dynamic Blasting Simulation:** Its dynamic blasting simulation capability holds significance for assessing hazards in mining environments.

**Diesel Particulate Simulation:** The software's capability to simulate diesel particulate dispersion is indispensable for evaluating airborne particulate distribution.

**Gas and Dust Simulation:** The software stands out in offering comprehensive simulation of gas and dust dispersion, thereby enhancing our understanding of airborne particles' behaviour.

**Fire Simulation:** Notably, the software encompasses fire simulation, which is critical for evaluating ventilation needs during emergency scenarios.

**Programmable Events Support:** The inclusion of programmable events in the software bolsters its versatility in simulations.

**Simulation of Emergency Scenarios:** The software uniquely accommodates the simulation of emergency scenarios, including the calculation of escape routes and distance to refuge, enhancing preparedness assessments.

**Real-time Analysis:** The software's capability to import live sensor values from a database contributes to real-time analysis capabilities, providing an edge in dynamic assessments.

**Duct Calculator Feature:** Its Duct Calculator feature ensures precision in sizing ventilation systems, aligning with industry best practices

#### **Ventsim:VVP**

VentSim™ PREMIUM

Licence # TBA.

(includes VentLOG, VentFIRE and LIVE

Modules, 3 months maintenance, upgrades and technical support)



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**Ventsim:VM**

VentSim™ DESIGN 12 Month Maintenance

Extension PREMIUM

Licence # TBA

**Other Terms and Conditions**

<b>Validity of quotation</b>	60 days from the tender closing date.
<b>Payment</b>	The payment will be made after satisfactory completion certificate by the Lab-in-Charge/HOD along with service report.
<b>Limitations of Liability</b>	The firm shall be liable for any loss, direct or indirect due to:- <ul style="list-style-type: none"><li>• Delay in attending our call for any reason not beyond firm's control.</li><li>• Faulty operation/application of the software, when it is proved that is due to wrongful act/negligence on the part of your engineer.</li></ul>
<b>Renewal of Termination</b>	By one month's notice on either side. However, Director, IIT(ISM) reserves the right to cancel any part of the contract or terminate the contract anytime without assigning any reason whatsoever.
<b>Training</b>	Installation of the software and complete training to 4 persons on the use of the software at Indian Institute of Technology (Indian School of Mines), Dhanbad will be imparted by the firm at free of cost.
<b>Bank details</b>	The firm may submit bank details with authorization from concerned Bank for e-payment.