



TENDER MANAGEMENT

View More Details

Master Management

- Org Hierarchy Master
- View Internal Documents

User Management

- My Organisation Hierarchy
- My Accounts

Tender Management

- Create Tender / Tender List
- Published Tenders
- Seek Clarifications
- Pre-bid Meeting
- Downloaded Tenders
- Tender Status
- Archived Tenders
- Archived Clarification
- Stage 2 Create Tender / Tender List
- Stage 2 Publish Tender
- NDA Documents History
- NDA Documents
- Stage 2 Published Tender
- Sanction / Bill Generation
- Validate GeMARPTS ID

Corrigendum

- Create Corrigendum
- Published Corrigendum

Auction Management

- Tender cum Auction
- Published Auction
- Create Auction Corrigendum
- Published Auction Corrigendum
- View Live Auction
- View Auction History

Bid Management

- Bid History

Survey Management

- FeedBack

View Tender Details

Basic Details

| | | | |
|--------------------------------------|--|---------------------------------------|--------|
| Organisation Chain | Indian Institute of Technology(ISM) Dhanbad Administration - ISMD Purchase and Stores - ISMD | | |
| Tender Reference Number | CR-INS-CPPP-195-25-26 | | |
| Tender ID | 2025_ISMD_886740_1 | Withdrawal Allowed | Yes |
| Tender Type | Global Tenders | Form of contract | Supply |
| Tender Category | Goods | No. of Covers | 2 |
| General Technical Evaluation Allowed | No | ItemWise Technical Evaluation Allowed | No |
| Payment Mode | Offline | Is Multi Currency Allowed For BOQ | Yes |
| Is Multi Currency Allowed For Fee | No | Allow Two Stage Bidding | No |

Payment Instruments

| Offline | S.No | Instrument Type |
|---------|------|-----------------|
| | 1 | Demand Draft |
| | 2 | FDR |
| | 3 | Bankers Cheque |
| | 4 | Bank Guarantee |

Cover Details, No. Of Covers - 2

| Cover No | Cover | Document Type | Description |
|----------|-----------------------|---------------|---------------|
| 1 | Fee/PreQual/Technical | .pdf | Technical Bid |
| 2 | Finance | .xls | Financial Bid |

Tender Fee Details, [Total Fee in ₹ - 0.00]

| | | | |
|------------------------------|------|----------------|-----|
| Tender Fee in ₹ | 0.00 | | |
| Fee Payable To | Nil | Fee Payable At | Nil |
| Tender Fee Exemption Allowed | No | | |

EMD Fee Details

| | | | |
|-----------------|---------------------|-----------------------|---------|
| EMD Amount in ₹ | 15,00,000 | EMD Exemption Allowed | Yes |
| EMD Fee Type | fixed | EMD Percentage | NA |
| EMD Payable To | Registrar, IIT(ISM) | EMD Payable At | Dhanbad |

Foreign Currency BOQ Details

| S.No | Currency | Conversion rate in ₹ |
|------|---------------|----------------------|
| 1 | US Dollar | NA |
| 2 | European Euro | NA |
| 3 | Japanese yen | NA |

Work Item Details

| | | | | | |
|--------------------------------------|--|---------------------------|----------------------|-----------------------|--|
| Title | Supply and Installation of Microfocus Computed Tomography System(Micro-CT) | | | | |
| Work Description | Supply and Installation of Microfocus Computed Tomography System(Micro-CT) | | | | |
| Pre Qualification Details | Please refer Tender documents. | | | | |
| Independent External Monitor/Remarks | NA | | | | |
| Show Tender Value in Public Domain | No | | | | |
| Tender Value in ₹ | 7,00,00,000 | | | | |
| Product Category | Laboratory and scientific equipment | Sub category | NA | | |
| Contract Type | Tender | Bid Validity(Days) | 270 | Period Of Work(Days) | 224 |
| Location | IIT(ISM) DHANBAD | Pincode | 826004 | Pre Bid Meeting Place | Dhanbad |
| Pre Bid Meeting Address | Conference Hall, Administrative Block, IIT(ISM) Dhanbad | Pre Bid Meeting Date | 10-Dec-2025 11:00 AM | Bid Opening Place | Purchase and Stores Section, IIT(ISM), Dhanbad |
| Should Allow NDA Tender | No | Allow Preferential Bidder | No | | |

Critical Dates

| | | | |
|-------------------------------------|----------------------|-----------------------------------|----------------------|
| Publish Date | 02-Dec-2025 06:50 PM | Bid Opening Date | 12-Jan-2026 11:00 AM |
| Document Download / Sale Start Date | 02-Dec-2025 06:55 PM | Document Download / Sale End Date | 09-Jan-2026 06:00 PM |
| Clarification Start Date | 02-Dec-2025 06:55 PM | Clarification End Date | 10-Dec-2025 10:00 AM |

Bid Submission Start Date

12-Dec-2025 06:00 PM

Bid Submission End Date

09-Jan-2026 06:00 PM

Tender Documents

NIT Document

| S.No | Document Name | Description | Document Size (in KB) |
|------|--------------------|---------------|-----------------------|
| 1 | Tendernotice_1.pdf | Tender Notice | 252.58 |



Download as zip file

Work Item Documents

| S.No | Document Type | Document Name | Description | Document Size (in KB) |
|------|------------------|----------------|-----------------|-----------------------|
| 1 | BOQ | BOQ_932316.xls | BOQ | 275.50 |
| 2 | Tender Documents | completet.pdf | Tender Document | 3455.33 |

Auto Extension Corrigendum Properties for Tender

| Iteration | No. of bids required for bid opening a tender | Tender gets extended to No. of days |
|-----------|---|-------------------------------------|
| 1. | 3 | 14 |

Bid Openers List

| S.No. | Bid Opener Login Id | Bid Opener Name | Certificate Name |
|-------|--------------------------|------------------|------------------|
| 1. | deepakkumar@iitism.ac.in | Deepak Kumar | Deepak Kumar |
| 2. | satyendrkr@iitism.ac.in | satyendra kumar | SATYENDRA KUMAR |
| 3. | hemsagar@iitism.ac.in | Hemsagar Hembrom | Hemsagar Hembrom |
| 4. | mukesh@iitism.ac.in | Mukesh Tiwari | Mukesh Tiwari |

GeMARPTS Details

| | |
|---------------------|--------------------------------|
| GeMARPTS ID | FO195CZ32JA1 |
| Description | Microfocus computed tomography |
| Report Initiated On | 23-Oct-2025 |
| Valid Until | 22-Nov-2025 |

Tender Properties

| | | | |
|---------------------------------|--------|--|-----------------------|
| Auto Tendering Process allowed | No | Show Technical bid status | Yes |
| Show Finance bid status | Yes | Stage to disclose Bid Details in Public Domain | Technical Bid Opening |
| BoQ Comparative Chart model | Normal | BoQ Comparative chart decimal places | 2 |
| BoQ Comparative Chart Rank Type | L | Form Based BoQ | No |

TIA Undertaking

| S.No | Undertaking to Order | Tender complying with Order | Reason for non compliance of Order |
|------|----------------------|-----------------------------|------------------------------------|
| 1 | PPP-MII Order 2017 | Agree | |
| 2 | MSEs Order 2012 | Agree | |

Tender Inviting Authority

| | |
|---------|---|
| Name | Dy. Registrar |
| Address | Purchase and Stores Section, Administrative Block, IIT(ISM) Dhanbad |

View Modification details

Tender Creator Details

| | |
|--------------|-----------------------|
| Created By | SURAJ KUMAR |
| Designation | Junior Superintendent |
| Created Date | 25-Nov-2025 10:17 AM |

Back

Send To Publish

(140)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES) DHANBAD

Tender No. CR-INS-CPPP-195-25-26

Date: 02.12.2025

E-TENDER NOTICE
(Global Tender Enquiry)

The Indian Institute of Technology (Indian School of Mines) Dhanbad invites Bids from eligible, qualified, and capable manufacturer/dealer/suppliers for **"Supply and Installation of Microfocus Computed Tomography System (Micro-CT)"**, according to the requirements as defined in the Tender document.

| Sl. No | Tender No. | Particulars | Required Quantity | Amount of EMD |
|--------|-----------------------|--|-------------------|-----------------|
| 1. | CR-INS-CPPP-195-25-26 | "Supply and Installation of Microfocus Computed Tomography System(Micro-CT)" | 1 | Rs. 15,00,000/- |

Earnest Money Deposit (EMD) in the form of Demand Draft should be drawn in favour of Registrar, IIT (ISM) Dhanbad payable at Dhanbad. EMD can also be deposited in the form of a Term Deposit Receipt/Fixed Deposit Receipt/Bank Guarantee drawn in favour of Registrar, IIT (ISM) Dhanbad. A scanned copy of EMD should be uploaded on www.eprocure.gov.in along with the technical bid.

The hard copy of the same in the original is to be sent to the address mentioned below duly super scribing the Tender Number and Name on the envelope and the same must reach in the IIT (ISM) Dhanbad on or before the due date and time for the opening of technical bid. If not received within 05 days after the last date of submission of bid, the bid will be summarily rejected.

| Sl. No. | Description | Date | Time |
|---------|-------------------------------------|---|----------|
| 1 | Tender Publication Date | 02.12.2025 | 06:50 PM |
| 2 | Pre-Bid Conference date and time | 10.12.2025 | 11:00 AM |
| 3 | Bid submission start date and time | 12.12.2025 | 06:00 PM |
| 4 | Bid submission end date and time | 09.01.2026 | 06:00 PM |
| 5 | Technical Bid opening date and time | 12.01.2026 | 11:00 AM |
| 6 | Financial Bid opening | Technically qualified bidders will be informed about date and time of opening of financial bids through CPPP. | |

IIT (ISM) Dhanbad reserves the right to accept or reject the tenders without assigning any reason. The original EMD should be sent to:

Deputy Registrar (Purchase and Stores)
IIT (ISM) Dhanbad,
Distt. Dhanbad – 826004
Jharkhand.

Deputy Registrar

Signature Not Verified

Digitally signed by SURAJ KUMAR
Date: 2025.12.02 14:22:22 IST
Location: eProcure-EPROC

Tender No. CR-INS-CPPP-195-25-26

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES) DHANBAD

Tender No. CR-INS-CPPP-195-25-26

Date: 02.12.2025

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(Global Tender Enquiry)

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IIT (ISM) Dhanbad reserves the right to accept or reject the tenders without assigning any reason. The original EMD should be sent to:

Deputy Registrar (Purchase and Stores)
IIT (ISM) Dhanbad,
Distt. Dhanbad – 826004
Jharkhand.

Deputy Registrar
(Purchase & Stores)

Annexure-I

Instructions to the bidders for online bid submission

The bidders are required to submit 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 to prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information for submitting online bids on the CPP Portal may be obtained at <https://eprocure.gov.in>.

1. Registration:

- (a) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in>) by clicking on the link "**Online bidder Enrollment**" on the CPP Portal which is free of charge.
- (b) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- (c) Bidders are advised to register their valid email addresses and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- (d) 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, with their profile.
- (e) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible for ensuring that they do not lend their DSC's to others which may lead to misuse.
- (f) 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.

2. Searching for tender documents:

- (a) 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.
- (b) 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.
- (c) 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.

3. Assistance to bidders:

- (a) 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.
- (b) 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.

4. **Submission of the bid:**

All interested eligible bidders are requested to submit their bids online through CPP Portal: <http://eprocure.gov.in> as per the criteria given in this document:

- (a) Technical Bid should be uploaded online in cover-1.
- (b) One single pdf containing all technical documents, duly filled and signed Annexures, copy of EMD etc. must be uploaded.
- (c) Financial Bid should be uploaded online in cover-2.

Both Technical and Financial Bid covers should be placed online on the CPP Portal <http://eprocure.gov.in>.

(A) Technical bid:

Signed and Scanned copies of the technical bid documents must be submitted online on CPP Portal: <http://eprocure.gov.in>.

List of Documents to be scanned and uploaded with Technical Bid (Under Cover-1). The enclosures have to be attached in the serial order as mentioned hereunder:

- (i) Scanned copy of EMD deposited in the form of Demand Draft, Term Deposit Receipt/Fixed Deposit Receipt/Bank Guarantee drawn in favor of Registrar, IIT (ISM) Dhanbad.
- (ii) A scanned copy of the certificate mentioning the status of the Firm/Agency/Company/proprietary/ partnership (as applicable) from the competent authority.
- (iii) Scanned copy of PAN Card (as applicable to the type of tenderer) and Goods and Services Tax Registration Certificate.
- (iv) Scanned copy of duly filled **Annexure-A, Annexure-B, Annexure-C, Annexure-D, Annexure-E, Annexure-F and Annexure-G.**
- (v) Scanned copy of purchase/work/supply order as proof of past performance (if any).
- (vi) Scanned Copy of Original catalogue/brochures of the items quoted.

Note: (a) All the above-mentioned documents must be scanned and merged as a single PDF along with the Technical Bid. This single PDF of Technical Bid should be uploaded under Technical Cover in CPP Portal.

- (b) The technical bid may be rejected, if the above-mentioned documents are not attached.
- (c) For the tender value up to Rs. 10 Crores, Self-Certificate for local content, and for the tender value above Rs. 10 Crores, Certificate for local content from Statutory Auditor/Cost Auditor/Cost Accountant/CA, must be attached.

(B) Financial bid:

In preparing the financial bids, bidders are expected to consider the requirements and conditions laid down in this Tender document. The financial bids should be uploaded online as per the specified ".xls" format i.e. Price Bid Excel sheet attached as '.xls' with the tender and based on the scope of work, service conditions and other terms of the Tender document.

5. Other instructions:

- (a) The detailed tender documents may be downloaded from <http://eprocure.gov.in> till the last date of submission of the tender. The tender can only be submitted online through CPP Portal <http://eprocure.gov.in>
- (b) Bids will be received only online mode through www.eprocure.gov.in up to the date & time mentioned in the E- TENDER NOTICE. No tender/bid will be accepted in physical form and any tender/bid received in such manner will be treated as non-bonafide tender/bid.
- (c) Bid will be opened on the scheduled date and time in the presence of tenderers/bidders or their authorized representatives (if any), who have uploaded their quotation/ bid and who wish to be present at the time of opening the bids.
- (d) All the bids must be valid for a period of 180 days from the last date of submission.
- (e) Bidders are requested to go through the instructions regarding filling and submission of the tender attached herewith. Bidders may forward their points on tender documents and/or depute their technical representative for discussion on tender/drawing and to clarify doubts, if any, on the stipulated pre-bid date.
- (f) Bidders shall upload a scanned copy of the Earnest Money Deposit (EMD) mentioned in the Notice of Tender and shall ensure the receipt of a hard copy of the same in the Purchase and Stores Section, IIT (ISM) Dhanbad, Distt. Dhanbad - 826004, Jharkhand, on or before the scheduled date of opening of bid. In case of failure of the same, the technical bid will not be evaluated.
- (g) In view of delays due to system failure or other communication-related failures, it is suggested that the tender/bid be uploaded sufficiently in advance of the last due date and time fixed.
- (h) If any alterations to any of the conditions, specifications laid down in the tender documents are found or any new condition is mentioned by the tenderer, in the tender document, such tender/bid will be rejected.
- (i) IIT (ISM) Dhanbad reserves the right to cancel the tender at any point of time without assigning any reason.
- (j) The details of the independent External Monitors (IEMs) are as under:

| SL. No | Name of the Independent External Monitors | E-mail ID |
|--------|---|--|
| 1. | Shri Anant Kumar | iem1@iitism.ac.in anant_in@yahoo.com |
| 2. | Shri Hari Shanker Gupta | iem2@iitism.ac.in hsguptaifs@gmail.com |

Note: Annexure –G (Integrity pact) is mandatory. In case of non-submission of the duly filled Annexure-G (Integrity Pact) by the bidder, the submitted tender shall be summarily rejected.

Annexure-II

TENDER FOR "Supply and Installation of Microfocus Computed Tomography System (Micro-CT)"

TERMS AND CONDITIONS

1. The technical specifications/conditions are mentioned in **Annexure-III**. Bidders are required to go through the technical specifications/conditions carefully before submission of bids.
2. Tender Specific Authorization letter from Original Equipment Manufacturer (OEM) in favor of the bidder must be uploaded with technical bid for each item quoted.
3. The tenderer should upload detailed technical description/catalogue/brochure along with the technical bid. If not uploaded, the bid may be summarily rejected. If there is any deviation in specifications mentioned in the technical bid and Catalogue/Brochure, then the specifications given in the technical bid shall be considered and shall be treated as final.
4. The tenderer should not have been debarred or blacklisted by any Central / State Government. A self-attested certification to that effect must be uploaded with the technical bid in the prescribed format. The proforma of the certificate is enclosed with the tender as **Annexure-A**.
5. All the bids must be valid for a period of 180 days from the last date of submission. In exceptional circumstances, prior to expiry of the original time limit, the Institute may request the bidders to extend the period of validity for a specified additional period beyond the original validity of 180 days. The request and the bidders' responses shall be made in writing. The bidders, not agreeing to such extensions will be allowed to withdraw their bids without forfeiture of their Bid Security.
6. **EMD Exemption:** EMD exemption shall be given to those bidders who are registered with the Central Purchase Organization or NSIC or MICRO and Small Enterprises (MSEs) as defined in MSME Procurement Policy issued by the Department of Micro and Small Enterprises (MSME). To claim the exemption, the bidder must be offering goods manufactured by themselves or providing relevant services. Exemption will not be granted in case the bidder is acting as an agent for some other vendor. Bidders are required to upload necessary certificates to claim EMD exemption.
7. **MII & Purchase Preference:** The MII compliances shall be as per Govt. of India guidelines. All the bidders must upload undertaking as per **Annexure-C** with the Technical Bid.
8. **Instruction to the bidder of countries which share land border with India (Rule 144(xi) GFRs).**
Any bidder from a country that shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Department for Promotion of Industry and Internal Trade (DPIIT). As per Office Memorandum No. F.7/10/2021-PPD (1) dated: 23.02.2023 issued by the Department of Expenditure (Ministry of Finance), Govt. of India, the bidder is required to submit an undertaking as per **Annexure-D**.

9. Evaluation Procedure:

Phase-I: Technical Evaluation

Technical evaluation will be done based on documents submitted by the bidder in the technical bid. Hence bidders are required to enclose all relevant documents along with the technical bid. Discrepancy in relevant supporting documents shall lead to the rejection of technical bids.

Phase-II: Financial Evaluation

- a. Financial bids of the technically qualified bidders shall only be opened.
- b. The bid will be awarded to the L-1 bidder.

10. Delivery, Installation and Commissioning:

For Foreign Consignment: The delivery, installation and commissioning of the item(s) must be made within **32 weeks** from the issue of Letter of Credit (LC).

For Indigenous Consignment: The delivery, installation and commissioning of the item(s) must be within **32 weeks** from the issue of the Purchase Order.

Any requirement for installation (if applicable) should be communicated at least one month before installation to make suitable arrangements.

11. Prices:

For Foreign Bids: The base price should be quoted on **FOB/FCA** basis, other charges/taxes such as Freight, insurance and forwarding charges etc., shall be quoted separately. The exchange rate should be considered on the date of opening of the tender.

For Indigenous Bids: The price should be quoted on **FOR IIT(ISM) Dhanbad** basis including all applicable taxes, Charges etc.

12. Liquidated damages (LD):

If a bidder fails to deliver/install/commission the item or any part thereof within the period prescribed for delivery, installation and commissioning, the Institute shall be entitled to recover as liquidated damages a sum equivalent to **1% (one percent)** per week of the purchase order. The total damages shall not exceed **5% (five percent)** of the value of the purchase order.

For Foreign Order: Delivery, Installation and commissioning period will be counted from the date of issue of Letter of Credit (LC).

For Indigenous Order: Delivery, Installation and commissioning period will be counted from the date of issue of Purchase Order.

13. Inspection:

Institute authority will inspect the supplied item after delivery/installation/commissioning, whichever is applicable. In case item is not supplied/installed (as the case may be) as per specifications of the purchase order or item is not working satisfactorily, then the same will be rejected.

14. Training:

The tenderer will have to provide training to the designated staff of the Institute after successful delivery/installation/commissioning. The training should include operation, maintenance, troubleshooting, safety, and routine care of the item.

15. Payment Terms:

For Foreign Payment: The payment will be released through Irrevocable Letter of Credit (LC). Irrevocable Letter of Credit (LC) will be established for 90% of the Purchase Order (PO) value [excluding AMC charges] on submission of order acceptance letter, proforma invoice with the details of terms & conditions to open LC with the entire Bank details and integrity pact. The 90% of the invoice amount will be paid on presentation of original shipping documents and other applicable documents to our bankers and the balance 10% will be paid after successful installation, commissioning, demonstration of the whole system, imparting training (if applicable) and on receipt of performance security as applicable.

For Indigenous Payment: 100% payment [excluding AMC charges] shall be made by NEFT/RTGS against submission of bills in triplicate, only after satisfying following conditions:

- a. Successful delivery, Installation and commissioning by supplier.
- b. Inspection and testing of the items by the Institute authority.
- c. Training provided by the supplier.
- d. Supply of all manuals, Installation Certificate and calibration Certificate.
- e. Submission of Performance security.
- f. Submission of duly signed & stamped guarantee / warranty declaration certificate.
- g. Payment shall not be made for part supply/work.

16. Extension of Delivery/Installation/Commissioning Period:

If the supplier is unable to deliver/install and satisfactorily commission the order within the stipulated time, for which the supplier is responsible, he is required to request in writing for the extension of the delivery/Installation/Commissioning period before the stipulated date of delivery/Installation/Commissioning. It may be extended at the discretion of competent authority with/without imposing liquidated damages. In case the supplier has failed to complete the order within the stipulated time, the Institute reserves the right to cancel the purchase order and to forfeit performance security and/or EMD.

17. Warranty:

- a. **Minimum Warranty** is to be provided for **1 year**. If the warranty mentioned in the catalogue is less than the specified time, in that case, the supplier must provide for the remaining period. In case the product comes with more than the stipulated guarantee/warranty period, it will be provided by the supplier free of cost.
- b. Guarantee / Warranty will commence from the date of the satisfactory installation/commissioning of equipment against the defect of any manufacturing and poor quality of components.
- c. A signed & stamped guarantee/warranty declaration certificate will have to be furnished by the successful tenderer at the time of supply along with the bills.
- d. In case the supplier has failed to repair/rectify the equipment during the guarantee/warranty period in a reasonable time not exceeding 3 weeks, the Institute

may employ or pay other parties for such repairs of the equipment and all such damages, loss and expenses shall be recoverable from the performance security submitted by the supplier.

18. Annual Maintenance Contract (AMC):

- a. Annual Maintenance Contract shall be as per the **Annexure -III**. However, the payment of AMC will be done after each AMC on an yearly basis.

19. Performance Security:

- a. To ensure due performance of the item, performance security is to be furnished by the successful tenderer.
- b. The performance security should be furnished within 21 days of the award of supply order.
- c. Performance security should be for an amount of five percent (**5%**) of the total value of the supply order.
- d. Performance security may be furnished in the form of a Demand Draft/ Fixed Deposit Receipt / Bank Guarantee from a commercial bank in favour of Registrar IIT (ISM) Dhanbad, payable at Dhanbad.
- e. Performance security should remain valid for a period of **14 months** from the date of installation. The performance security will be refunded without any interest, provided that the performance is satisfactory.
- f. The performance security for AMC should be furnished for **38 months** before completion of warranty period.

20. Refund of EMD

- a. EMD will be refunded without any interest to the successful tenderer on receipt of performance security.
- b. The tenderer, who are not qualified for the tender either in technical bid or on any other grounds, their EMD will be refunded within 30 days from the award of the contract.
- c. If supply order is placed and the successful tenderer fails or refuses to supply the item, in such case the EMD will be forfeited.

21. Cancellation of tender: IIT (ISM) Dhanbad reserves the right to cancel the tender at any point of time without assigning any reason.

22. Legal: Any dispute regarding the meaning, effect or interpretation of any clause of this contract/agreement shall be referred to the sole Arbitrator i.e. Director, IIT (ISM) Dhanbad who would act as the sole Arbitrator and proceedings of such arbitration shall be conducted in accordance with the provisions of the Indian Arbitration Act, 1940 or any statutory modification thereof. The venue of Arbitration shall be IIT (ISM) Dhanbad only and the language shall be English only. In case of litigation, if any, the District Court of Dhanbad (Jharkhand) shall have the jurisdiction for any such litigation.

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Annexure-III

Specifications for Supply and Installation of Microfocus Computed Tomography System(Micro-CT)

Technical Specifications

| Sr. No | Parameters | Specifications |
|----------|---|---|
| 1 | Application intended for MICROFOCUS COMPUTED TOMOGRAPHY SYSTEM | |
| 1.1 | Application | <p>The completely shielded radiation-proof lead cabinet based open architecture Computed Tomography will be used for detailed inspection and analysis of</p> <ul style="list-style-type: none"> Mechanics of Solid Foams (Polymer Foams, Metallic Foams), Structure of Hierarchical Composites (Bone, Wood, Sea sponge, Metallic Composites, and Cement Concrete), Structure of low/high density rocks and minerals (geological samples) Void and Cavity Distribution in deformed materials and Sintered materials, Grain growth and deformation of metallic composites (crystal orientation information). |
| 2 | Source | |
| 2.1 | X-Ray Tube | The X-ray tube must be an open architecture-based tubes for micro focus and nano focus capabilities |
| 2.2 | Maximum Voltage and power | $\geq 220\text{kV}$ Maximum voltage and $\geq 320\text{W}$ tube power for Micro focus. $\geq 150\text{kV}$ Maximum voltage and $\geq 15\text{W}$ tube power for Nano focus. Alternatively, a better configuration meeting all other technical requirements mentioned in points 2.3-2.6 |
| 2.3 | Detail detectability | Detail detectability by detector through JIMA standards must be < 3 micron for micro focus and < 1 micron for nano focus; JIMA chart (RT-CT01 or better standard) must be provided with the equipment. |
| 2.4 | Magnification (3D) | up to 100x for micro focus and 300x for nano focus |
| 2.5 | Focal Spot | For Micro-focus ≤ 8 microns or better. For nano focus ≤ 2 microns or better. Focal Spot certificate from OEM to be submitted at the time of PDI/ installation at Site. |
| 2.6 | Voxel resolution/Minimum Voxel Size | ≤ 4 microns (micro-focus) or better and ≤ 1 microns (micro-focus) or better. Sample size, its material and its distance between, object, and detector must be specified to support the claim. |
| 3 | Detector Specifications | |
| 3.1 | Detector standard | It must be temperature controlled high resolution detector conforming to ASTM E 2597 standard |
| 3.2 | Detector Size | 25 cm x 25 cm active area or better configuration |
| 3.3 | Detector type | Flat panel detector |
| 3.4 | No of Pixels | minimum 4MP or better configuration |
| 3.5 | Pixel Size | ≤ 150 microns |
| 3.6 | Bit Depth | 16 bit or better |
| 3.7 | Scintillator | Crystal scintillator (e.g., Cesium Iodide) |

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| 4 | Sample Dimension(s) and scan size | |
| 4.1 | Sample Size | At least 200 mm x 200 mm |
| 4.2 | Sample Height | At least 200 mm |
| 4.3 | Sample Weight | At least 10 Kg |
| 4.4 | Max Scan size | 200 mm x 200mm x 200 mm or greater size |
| 5 | Manipulator for object handling | |
| 5.1 | Material | Being one of the most crucial aspects in Micro CT System, the Manipulator, columns and base are required in steel/granite material for high quality imaging and measurement functions and to prevent alignment and mechanical issues. |
| 5.2 | No of Axis | Multi axis manipulator with minimum 5-axis or better |
| 5.3 | Axis Control | Manual/Automatic (or both) |
| 6 | Hardware | |
| 6.1 | Basic hardware | Touch panel-based operation/Joystick based operation should be provided for operation and control of the equipment |
| 7 | Control Unit for Acquisition | |
| 7.1 | Control Unit for Acquisition connected to micro-CT including the workstation | User friendly window based controlling unit compatible with the CT system having the latest software to give the best performance must be provided for data management, data acquisition, data transfer, data back-up. |
| 8 | Dedicated Workstation Specifications for reconstruction and analysis | |
| 8.1 | Number of workstations | 1 dedicated workstation for performing reconstruction and analysis |
| 8.3 | CPU Processor of workstations | 16 Core (minimum), Intel Xeon Platinum or better/higher configuration |
| 8.4 | Memory Storage of workstations | 512 GB with 3 X 2TB SSDs or better/higher configuration |
| 8.5 | SSD, HDD | The system should support at least 2 additional compatible SSD/HDD drives |
| 8.6 | Optical drive | DVD+/-RW |
| 8.7 | Cooling system | Should be capable of keeping the system below 70°C during continuous operation for several days at the full capacity of the CPU and GPU |
| 8.8 | Communications | Integrated 1GbE LAN card to be installed in the system or better/higher configuration |
| 8.5 | Graphics Processor of workstations | NVIDIA High end Graphics processor (24 GB graphic card or better) optimized for using analysis software and accelerated CT reconstruction and visualization or better/higher configuration |
| 8.6 | RAM of workstations | 1TB DDR5 or better/higher configuration |
| 8.7 | Operating System of workstations | Windows 11 or higher configuration |

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| 8.8 | Monitor of workstations | 43-inch LED full HD High Resolution monitor compatible for data visualization or better with matte finish screen or better/higher configuration |
| 8.9 | UPS | Online UPS with 5kVA with surge protection of up to 10 times giving at least 0.5 hrs of standby time at full load or better/higher configuration |
| 8.1 | Desktops | 2 (nos.) Intel i9 12 th generation processor 32GB RAM, 1TB SSD, 28-inch full HD LCD monitor with a 1kVA UPS or better/higher configuration |
| 8.11 | Accessories | All the necessary accessories required for successfully configuring and commissioning the system must be provided by the vendor. |
| 8.12 | Warranty | Server, desktops, UPSs and all parts must have at least 1 year onsite warranty |
| 9 | Data acquisition Control and Processing software and dedicated workstation | |
| 9.1 | Data acquisition Control and Processing software | The software must have the following features: |
| | | Interactive, user-friendly software must be provided for CT acquisition, reconstruction, visualization (e.g.: porosity, histogram pseudo color imaging,) |
| | | The system must be supplied with lifetime free licensed software which can be used in multiple computers/multiple users in a server (data acquisition, reconstruction, and image processing) with a provision for free online timely updates |
| 9.2 | Control and monitoring | The system should have auto CT option to fully automate the CT process i.e., Acquisition, Reconstruction, data optimization to save operator's time |
| | | The system must be capable of creation of projection data sets, reconstruction of volumes, visualization of volumes and projections |
| | | Recording of projections, single view, quad view, zooming, interpolation, etc. |
| | | Automatic detector correction (offset, gain, and defective pixels) |
| | | Image processing tools and projection filtering |
| | | Saving and execution of Pre-defined CT program for repeated job-inspection |
| | | Setting on 3D CT data acquisition parameters |
| | | Setting of DDA parameters |
| | | The software should be able to control tube, detector and manipulator and should be from same OEM |
| | | Easy integration and Data transfer for post analysis of volume data |
| | | Measurement modes: faster scan and stop – scan modes shall be available |

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| | | Capability to import/export the projection data and volume data into standard formats/standards like RAW, DICOM, STL, FEM, CAD (STEP/IGES) etc. |
| 9.3 | Reconstruction Software | The GPU-based software must be capable of fast volumetric reconstruction. Software must have the following CT trajectories: |
| | | - Cone beam CT (quality scan and continuous scan) |
| | | - Offset CT |
| | | - Automatic geometry calibration |
| | | - Limited Angle CT |
| | | - ROI reconstruction |
| | | - Beam Hardening Correction |
| | | - Ring artifact reduction |
| | | - Optimization of scans with linear drift effects |
| | | - Automatic piecewise reconstruction of large volumes |
| | Analysis software | The software must be the most recent version and must include modules and add-on for: |
| | | Porosity, particle, void analysis |
| | | Nominal/Actual Comparison |
| | | Wall thickness analysis |
| | | Coordinate measurement |
| | | Manufacturing geometry corrections |
| | | Fiber composite material analysis. |
| | | Foam powder analysis |
| | | Volume meshing |
| | | Structural analysis simulation |
| | | Reverse engineering |
| | | Digital volume correlation |
| | | CT Reconstruction (Cone/Fan/Parallel Beam, Special Algorithms (Helix, ART), and Planar) |
| | | Deep Segmentation |
| | | Pseudo color rendering, AVI animated films and section plane images from any direction |
| | | Visualization of voxel data (cross-section or 3D view) |
| | | Non-planar Viewing Modes |
| | | Animation possibilities |





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| | | Measurement possibilities (point-to-point measurement, angle measurement, etc.) |
| | | Volume and 2D metrics |
| | | Interfacial surface computations |
| | | Automated statistics, distributions |
| | | Feature filtering using any computed measurement |
| 9.5 | 2D inspection and analysis software | The software must be the most recent version and must include the following modules |
| | | • Slice Viewing: Ability to navigate through 2D slices in different planes (axial, coronal, sagittal). |
| | | • Pan, Zoom, and Rotate: Tools to manipulate and explore the image |
| | | • Greyscale/Histogram Controls: Adjust contrast, brightness, and apply custom colormaps. |
| | | • Software must have various image processing function like live image, shading correction, real time contrast enhancement |
| | | • Software should be able to produce pseudo-3D images and pseudo colors |
| | | • Software should have automated noise reduction software function for better image quality |
| | | • Region of Interest (ROI) Selection: Mark specific regions for detailed analysis. |
| | | • 2D imaging and analysis software for NDT application |
| | | • Software should be able to do precise distance measurement between 2 points in the XY-plane (interactive) |
| | | • Images can be saved in various file formats (TIF, BMP, RAW, JPEG) |
| 10 | Radiation Safety Cabinet System | |
| | Radiation Safety | • The equipment/system should be fully sealed, and the equipment should be compliant with the latest AERB safety guidelines and valid approval certificate must be attached along with the offer. |
| 10.1 | Cabinet System specifications | • Radiation symbol and warning lamps flasher to be provided as per Radiation safety guidelines. |
| | | • The system must be offered with antivibration legs. |
| | | • The leakage radiation should be less than 1 microSv/h (0.2SmR/h) measured at 50 mm from cabinet surface when operating at the highest power. |





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| | | <p>The cabinet should be in compliance fully with International Radiation Regulations (IRR 99) and the Local AERB Regulations and supplied with independent safety switches to protect the operator when the doors are open.</p> <p>The firm should provide NOC/TA from AERB for the offered system in time after the order to facilitate smooth receipt of procurement NOC by IIT Dhanbad.</p> |
| II | Other details | |
| II.1 | Sample viewing | The equipment should allow the user to view the sample/object during scanning through a lead glass viewing window or a camera integrated system. |
| II.2 | Operating temperature | System must be able to operate with 1.5 Ton split commercial (non-industrial) AC |
| II.3 | CE Certification | Firm should supply CE certificate compliance |
| II.4 | Pre-Installation requirements | Vendor(s) must indicate the pre-installation requirements in technical bid |
| II.5 | Warranty Terms | <p>A comprehensive warranty must be included in cost of equipment for 1 years from the date of its satisfactory installation, commissioning, and demonstration.</p> <p>If the system is found to be defective during this period, the whole equipment or part thereof will have to be repaired/replaced by the supplier free of cost to IIT Dhanbad.</p> <p>The spares and consumables must be provided free of cost within the 1 year of warranty period as and when required.</p> <p>All the software updates during the warranty and AMC period shall be supplied, installed, and trained to our personnel on real time basis at free of cost.</p> <p>AMC must be included with 3 years of preventive maintenance contract.</p> <p>AMC with essential two preventive maintenance services, every six months interval from the installation of the system for a period of 3 year after completion of warranty period. Two preventive maintenances also to be compulsorily considered during the tenure of warranty.</p> <p>The AMC period will come into effect after the warranty period is over.</p> |
| II.6 | Training to IIT Dhanbad Staff | <p>A minimum of 1 person shall be deputed by IIT DHANBAD for onsite visit at the Original Equipment Manufacturer (OEM) for pre-dispatch inspection, document verification and maintenance training. The cost for travel, boarding and lodging should not be included in the cost of the equipment.</p> <p>Advanced training at installation site (IIT DHANBAD) to be provided for a minimum of 5 days post installation by certified factory trained engineers.</p> |

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| 11.7 | Heritage (Global and Local users) | The vendor must provide a list of Micro CT equipment installed globally of the quoted model in the past 5 years. |
| | | The bidders also must submit a performance certificate for the quoted model or a higher capacity model for a minimum one year of operation from a user of a reputed PSU/Govt./Private Company. |
| | | The supplier must have minimum 5 installations in India for the quoted model |
| | | The supplier should have sales and service network in India. |
| 11.8 | Filters | Minimum 5 filters (Al, Cu) of variable thickness must be provided at the time of installation. Any additional filter requirement during the warranty period (1 year) must also be provided by the supplier to IIT Dhanbad free of cost. |
| | | Additional filters suitable for the quoted instrument (after the warranty period) must be made available to IIT Dhanbad as and when required for a period of minimum 10 years from the date of warranty period expiry. |
| 11.9 | System Working Condition | System should be complete for ready-to-work conditions |
| 11.1 | Power Requirement Supply | The instrument and accessories must be operational at 240±10 volts and 50±10 Hz (Indian standard electrical supply). All cables for power, communication and computer connections must be provided. |
| 11.11 | Sample Stage/Mounts | A universal sample holder to fit any size and shape of object must be provided. |
| 11.12 | Spares and Consumables | A minimum of 30 filaments (each for microfocus and nanofocus X-ray tubes) must be provided at the time of installation. |
| | | All the spares and consumables required for the smooth functioning of the equipment must be made available to IIT Dhanbad for a period of 1 year (warranty period) free of cost. |
| | | Additional spares and consumables suitable for the quoted instrument (after the warranty period) must be made available to IIT Dhanbad as and when required for a period of minimum 10 years from the date of warranty period expiry. |
| 11.13 | Quality assessment | The vendors must provide provision to have an onsite visit to OEM with all expenses paid to characterize different samples (minimum 10 nos.) to assess the quality of the instrument. |
| 12 | Delivery | |
| 12.1 | Delivery | Must deliver the equipment within 32 weeks from the date of PO |
| 13 | Documents to be provided in English language | • Documents for heritage (Global and Local Users) should be provided. |
| | | • Pre-dispatch inspection documents must be provided. |

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| | | <ul style="list-style-type: none"> • Installation documents must be provided. • All documents with regard to instrument certifications (e.g., Detector qualification, AERB Clearances, IRR 99 clearances, and others) must be provided. • All the Technical Specification mentioned above must be supported with documentary evidence like Brochure) from OEM • All necessary declarations to be provided in the vendor's letterhead with authorized signatures and stamps • Supplier must give declaration for availability of spares or upgrade path in case of obsolescence of the equipment. • User manual, operation manual, and maintenance manual (for mechanical, electrical and electronic hardware circuits) of the entire system and subsystems. • Standard operating procedure (SOP), calibration and software manual. • Original software licenses for all the software included in the supply. • All the data and results of testing and calibration of the entire system at the manufacturer's site as well as at IIT Dhanbad shall be properly documented and supplied to IIT Dhanbad. |
| 14 | Vendor Qualification | <ul style="list-style-type: none"> • Original Equipment Manufacturer (OEM) or authorized representatives of OEM only can quote for this tender. Vendor should submit authorization letter valid on tender date from OEM along with the quotation. • The OEM should have proven expertise of at least 5 years in manufacture and supply of the item. • The offered system should be a proven model in the market and should not be a prototype or developmental system. • OEM should have supplied at least 03 (three) systems of similar specifications worldwide and those systems should be in operation till date. • OEM is required to submit a letter of commitment at the time of quote for supply of spares, tool, and consumables and for efficient and prompt after sales service of the equipment for a minimum period of 7 years after the guarantee/warranty period |
| 15 | Environmental Certification | Compliant to international standards |
| 16 | Installation and Commissioning | Installation and commissioning of the machine to be done by the OEM or their Authorized representative at IIT Dhanbad. |
| 17 | Delivery Formalities | The vendor shall be responsible for delivering the instrument to the designated location at IIT Dhanbad and installing. This includes all associated costs and arrangements for transportation, unloading, and delivery to the specified address. |

  

Annexure-A**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** by the Central/State Government or any other Organization.

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 the Central/State Government or any other Organization from taking part in Government tenders in India.

OR

I / We _____ (Tenderer) hereby declare that the Firm/Agency/Company, namely M/s _____ was **blacklisted or debarred** by _____ (Name of 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 at any point of time, I / We am/are fully aware that the IIT (ISM) Dhanbad can cancel the purchase order and forfeit the EMD. Further, I will not claim any payment for any supplied item against cancelled purchase order.

Date:

Place:

Signature:

Name:

Address:

Stamp:

Annexure-B

Details of quoted item

(This Annexure must be submitted separately for each item mentioned in Annexure-III)

Tender No. **CR-INS-CPPP-195-25-26**

Name of Tender: **"Supply and Installation of Microfocus Computed Tomography System (Micro-CT)"**

1. Name of the Equipment/Product _____
2. Name of original manufacturer _____
3. Make/Brand: _____
4. Model Number: _____ (provide complete literature/catalogue)
5. Warranty Period: _____ (months)
6. Delivery, Installation and Commissioning Time: _____ (days)
7. Specifications: Details of technical specifications of quoted item are as under

Note: Technical Specifications for quoted item should strictly as per Annexure-III.

| Technical Specifications | Quantity |
|--------------------------|----------|
| | |

Date:

Place:

Signature: _____

Name: _____

Address: _____

Stamp:

Annexure-C**Declaration for Local Content**

(To be given on Company Letter Head)- For the item value below Rs.10 Crores) (To be given by the Statutory Auditor/Cost Auditor/Cost Accountant/CA for the item value above Rs.10 Crores)

Date: _____

To,
The Director,
IIT (ISM) Dhanbad.

Sub: Declaration of Local content.

Tender No: **CR-INS-CPPP-195-25-26**

Name of Tender: **"Supply and Installation of Microfocus Computed Tomography System (Micro-CT)"**

In accordance with the order No. P-45021/2/2017-PP (BE-II) dated 04th June, 2020, I hereby declare that

- i) I am aware of the Order No. P-45021/2/2017-PP (BE-II) dated 04th June, 2020 and abides by the same.
- ii) 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.
- iii) **Local content (in percentage) for offered item 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.
- iv) 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. I am fully aware that false declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.
- v) Details of items, amount and location(s) at which the local value addition is made:

| Sl. No. | ITEM (S) | AMOUNT | LOCATION(S) |
|---------|----------|--------|-------------|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |

Yours Faithfully,

(Signature)
Seal

Tender No. **CR-INS-CPPP-195-25-26**

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Certificate by the bidder

Date:

To,
The Director,
IIT (ISM) Dhanbad.

Subject: Undertaking regarding type of bidder.

Reference: Office Memorandum No. F.7/10/2021-PPD (1) dated: 23.02.2023 issued by
Department of Expenditure, Ministry of Finance, Govt. of India.

Tender No. **CR-INS-CPPP-195-25-26**

Name of Tender: **"Supply and Installation of Microfocus Computed Tomography
System(Micro-CT)"**

Sir,

1. 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 fulfils all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority is attached.]
2. 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 contractors 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 contractor from such countries unless such contractor is registered with the Competent Authority. I hereby certify that this bidder fulfils all the requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority is attached.]"

Yours Faithfully,

(Signature of the Bidder)

Seal

Annexure-E

Tender Acceptance Letter

To,
The Director,
IIT (ISM) Dhanbad.

Subject: Acceptance of Terms & Conditions of Tender.

Tender No. **CR-INS-CPPP-195-25-26**

Name of Tender: "Supply and Installation of **Supply and Installation of Microfocus Computed Tomography System(Micro-CT)**"

Sir,

1. I / We hereby certify that I/we have read the entire tender document including all annexures. I/we have read all the terms and conditions of the tender documents. I/we hereby undertake that I/we shall abide by the terms/conditions/clauses mentioned in the tender document.
2. The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this acceptance letter.
3. I / We hereby unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality/entirety.
4. I / We will supply/provide the goods/services as per the specifications/conditions as mentioned in Annexure-III.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred/ terminated/ banned by any Govt. Department/Public sector undertaking.
6. I / We certify that all information furnished by me/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 any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the Earnest Money Deposit.

Yours Faithfully,

(Signature of the Bidder)

Seal

BID/TENDER SPECIFIC AUTHORIZATION LETTER

(To be given on OEM Letter Head)

To,
The Director
IIT(ISM), Dhanbad.

Tender No.: **CR-INS-CPPP-195-25-26**

Name of Tender: **"Supply and Installation of Microfocus Computed Tomography System(Micro-CT)"**

Equipment Name: _____

Sir,

1. We, _____, who are established and reputable manufacturers of _____ having factories at _____ and _____ hereby authorize _____ (Name of Authorized Dealer/Distributor/Supplier) to bid, negotiate and conclude the contract with IIT (ISM) Dhanbad against this tender for the above goods manufactured by us.
2. No company or firm or individual other than _____ are authorized to bid, negotiate and conclude the contract in regard to this business against this specific tender.
3. We also hereby undertake to provide full guarantee/warranty /Comprehensive Annual Maintenance Contract as agreed by the bidder in the event the bidder is changed as the dealers, or the bidder fails to provide satisfactory after-sales and service during such period of Comprehensive Warranty / Comprehensive Annual Maintenance Contract and to supply all the spares/accessories/consumables etc. during the said period.
4. We hereby extend our full guarantee and warranty as per the conditions of the tender for the goods bided for supply against this tender by the above firm.
The authorization is valid up to _____

Yours faithfully,

(Signature of the Tenderer)

For and on behalf of M/s. _____

(Name of manufacturers)/Principal

Seal:

Annexure-G**INTEGRITY PACT**

(To be executed on a non-judicial Stamp Paper of Rs.100 and applicable for all tenders of threshold value above Rs. 1 Crore)

This **INTEGRITY PACT** is made and executed at on day of 2025,

BY AND BETWEEN

The Indian Institute of Technology (Indian School of Mines) Dhanbad represented through having its office located at Dhanbad, Jharkhand – 826004 (hereinafter referred to as "The Principal" which terms or expression shall, unless excluded by or repugnant to the subject or context, mean and include its successor-in-office, administrators or permitted assignees) of the First Part;

AND

M/s. a company incorporated under the Companies act, through its representative /authorized signatory (insert name and designation of the officer) vide resolution dated passed by the board of directors, having its office at (hereinafter referred to as "The Bidder/Contractor" which terms or expression shall, unless excluded by or repugnant to the subject or context, mean and include its successor-in-office, administrators or permitted assignees) of the Second Part;

Preamble

The Principal intends to award, under laid down organisational procedures, contract/s for (Name of the work/ goods/services). The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relations with its Bidder(s) and/or Contractor(s).

In order to achieve these goals, the Principal will appoint Independent External Monitors (IEMs), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 - Commitments of the Principal:

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - a) No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - b) The Principal will during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - c) The Principal will exclude from the process all known prejudiced persons.
- (2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section 2 - Commitments of the Bidder(s)/Contractor(s):

- (1) The Bidder(s)/Contractor(s) commit themselves to take all measures necessary to prevent corruption. The Bidder(s)/Contractor(s) commits themselves to observe the following principles during participation in the tender process and during the contract execution.
 - a) The Bidder(s)/Contractor(s) will not, directly or through any other persons or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage or any kind whatsoever during the tender process or during the execution of the contract.
 - b) The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
 - c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to other, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines of Indian Agents of Foreign suppliers" shall be disclosed by the Bidders(s)/Contractor(s). Further, as mentioned in the Guidelines all payments made to the Indian Agent/representative have to be in Indian Rupees only. "Guidelines on Indian Agents of Foreign Suppliers"
 - e) The Bidder(s)/Contractor(s) will, when presenting their bid, disclose any and all payments made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
 - f) Bidder(s)/Contractor(s) who have signed the Integrity Pact shall not approach the courts while representing the matter to IEMs and shall wait for their decision in the matter.
- (2) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 - Disqualification from tender process and exclusion from future contracts:

If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form such as to put their reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per the procedure mentioned in the "Guidelines on Banning of business dealing".

Section 4 : Compensation for Damages

1. If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/Bid Security.
2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 : Previous Transgression

1. The Bidder declares that no previous transgressions occurred in the last three years with any other company in any country conforming to the anti-corruption approach or with any public sector enterprise in India that could justify his exclusion from the tender process.
2. If the bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in "Guidelines on Banning of business dealing".

Section 6: Equal treatment of all Bidders / Contractors / Sub-Contractors.

1. In case of sub-contracting, the Principal Contractor shall take the responsibility of adoption of Integrity Pact by the Sub-contractor.
2. The Principal will enter into agreements with the identical conditions as this one with all bidders and Contractors.
3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7: Criminal charges against violating Bidder(s) / Contractor(s) / Sub-contractors(s)

If the Principal obtains knowledge of the conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8 : Independent External Monitor

1. The Principal appoints competent and credible Independent External Monitor for this Pact after approval by Central Vigilance Commission. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
2. The Monitor is not subject to instructions by the representatives of the parties and performs his/her functions neutrally and independently. The Monitor would have access to all contract documents, whenever required. It will be obligatory for him/her to treat the information and documents of bidders /contractors as confidential. He/she reports to the Director, IIT(ISM) Dhanbad.
3. The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his/her request and demonstration of a valid interest, unrestricted and unconditional access to their project documentation. The same is applicable to Subcontractors.

4. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s)/Subcontractor(s) with confidentiality. The Monitor has also signed declarations on "Non – Disclosure of Confidential Information" and of "Absence of Conflict of Interest" In case of any conflict of interest arising at a later date, the IEM shall inform the Director, IIT(ISM) Dhanbad.
5. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
6. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he/she will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
7. The Monitor will submit a written report to the Director, IIT(ISM) Dhanbad within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the Page 5 of 7 occasion arise, submit proposals for correcting problematic situations.
8. If the Monitor has reported to the Director, IIT(ISM) Dhanbad, a substantiated suspicion of an offence under relevant IPC/PC Act, and the Director, IIT(ISM) Dhanbad has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
9. The word "Monitor" would include both singular and plural.

Section 9: Pact Duration

This pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by the Director, IIT(ISM) Dhanbad.

Section 10 - Other provisions:

1. This agreement is subject to Indian Law, Place of performance and jurisdiction is the Office of the Director, IIT(ISM) Dhanbad.
2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
3. If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
4. Should one or several provisions of this Pact turn out to be invalid, the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

5. Issues like Warranty/Guarantee etc. shall be outside the purview of the IEMs.
6. In the event of any contradiction between the Integrity Pact and its Annexure, the clause in the Integrity Pact will prevail.
7. The actions stipulated in this Integrity Pact are without prejudice to any other legal action(s) that may follow in accordance with the provisions of the extent law in force relating to any civil or criminal proceedings.

IN WITNESS WHEREOF, the parties hereunto set their hands and seals and executed this INTEGRITY PACT as of the day/month/year first above written:

For & on behalf of
Indian Institute of Technology (Indian School of Mines) Dhanbad (First Party)
SIGNED, SEALED AND DELIVERED BY

Name
Designation
Address
Authorized Signatory

For and on behalf of

M/s.(Second
Party)

SIGNED, SEALED AND DELIVERED BY

Name
Designation
Address

Representative/authorized signatory
vide resolution dated passed by the Board of Directors

In the presence of Witness:

- 1.
- 2.

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File Home Insert Draw Page Layout Formulas Data Review View Automate Help Acrobat XLSTAT Cloud Analytic Solver

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Tender Inviting Authority: Deputy Registrar (Purchase and Stores) IT (ISM) Dhanbad.

Name of Work: Supply and Installation of Microfocus Computed Tomography System (Micro-CT)

Contract No: 0326-2235678, 2235612

Name of the Bidder/ Bidding Firm (Company):

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|---|----------|----------|--------|-------|--------|---------------------------------------|--------|---|----------|---|----------|----------------------|----------|--------------|----------|--|----------|---------------------------|----------|---|----------|---|----------|-----------------------|--------|
| Tender Inviting Authority: Deputy Registrar (Purchase and Stores) IT (ISM) Dhanbad. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name of Work: Supply and Installation of Microlocus Computed Tomography System (Micro-CT) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contract No: 0326-2235678, 2235612 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name of the Bidder/ Bidding Firm / Company : | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (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 Values only) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRICE SCHEDULE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NUMBER # | TEXT # | Item Description | NUMBER # | Quantity | TEXT # | Units | TEXT # | Currency Conversion against each item | TEXT # | Quoted Currency in INR / Other Currency | NUMBER # | BASIC RATE in Figures To be entered by the Bidder | NUMBER # | Excise Duty in Rs. p | NUMBER # | GST in Rs. p | NUMBER # | Freight Charges (Unloading & Stacking) | NUMBER # | Any Other Charges (Rs. p) | NUMBER # | TOTAL AMOUNT, It will be converted based on column L value in Rs. p | NUMBER # | TOTAL TAXES It will be converted only if you choose Full Conversion, Until then it is treated as INR in Rs. p | NUMBER # | TOTAL AMOUNT in Words | TEXT # |
| 1 | 2 | Lab Equipments | 4 | 5 | 11 | | | | | | | 13 | 14 | 15 | 16 | 17 | 53 | | 17 | | 54 | | 55 | | | | |
| 1.01 | | Microlocus computed Tomography System (Micro-CT) With dedicated workstation and related accessories mentioned in Annexure - B | 1.00 | Nos | | | | Full Conversion | | INR | | | | | | | | | | | 0.0000 | | | | | INR Zero Only | |
| 1.02 | | UPS | 1.00 | Nos | | | | Full Conversion | | INR | | | | | | | | | | | 0.0000 | | | | | INR Zero Only | |
| 1.03 | | Desktop | 2.00 | Nos | | | | Full Conversion | | INR | | | | | | | | | | | 0.0000 | | | | | INR Zero Only | |
| 1.04 | | AMC for 3 years | 1.00 | Nos | | | | Full Conversion | | INR | | | | | | | | | | | 0.0000 | | | | | INR Zero Only | |
| Total in Figures | | | | | | | | | | | | | | | | | | | | | 0.0000 | | | | | Zero Only | |