



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद

धनबाद, झारखण्ड, भारत, पिन-826004

(मानव संसाधन विकास 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 H.R.D., Govt. of India)

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

NIT No. CE-PRJ-293-2018-19

Date: 20th November, 2018

NOTICE INVITING TENDER

Subject: Supply and Installation of Workstation for high performance computing.

Indian Institute of Technology (Indian School of Mines), Dhanbad invites quotations for the following to be supplied and delivered in CE Department.

Sl. No.	Description of Materials	Unit	Quantity
01.	Supply and Installation of Workstation for high performance computing. (Specification attached at Annexure – II)	Nos	01

Tender Schedule

Particulars	Date & Time
Tender Cost (Online Payment)	Rs. 590.00 (Rupees Five Hundred Ninety only) (Please refer Point No. 10 of Terms & Conditions)
Bid Security or Earnest Money Deposit	Rs. 18,000.00 (Rupees Eighteen Thousand only)
Last date and time for submission of tenders	13.12.2018 at 3:00 P.M.
Date and time of opening of tenders	13.12.2018 at 4.00 P.M.

1. You are requested to quote your lowest rates for the supply of above items in the attached format for Financial Bid (Annexure – I)
2. Clarification(s) sought after the prescribed date shall not be entertained.
3. You may send your representative in the office of the undersigned at the scheduled date and time of opening of tender.
4. Tender should be submitted in sealed cover only superscribed with Enquiry No. and due date at the following address only:

The Deputy Registrar (P&S)
Indian Institute of Technology (Indian School of Mines),
Dhanbad – 826 004, Jharkhand

Terms & Conditions

- 1) The rates should be quoted for each item separately.
- 2) Conditional offer will not be accepted.
- 3) IIT (ISM) Dhanbad does not issue any Form 'C' or 'D' towards sales tax concessional rate. Hence, full rate of GST applicable should be quoted.
- 4) **Educational discount**, if any, should be clearly mentioned.
- 5) You are requested to submit your quotation strictly as per the specifications mentioned in the NIT.
- 6) Your tender must be valid for **minimum 90 days** from the date of opening of tender.
- 7) Please mention warranty/ guarantee in your offer clearly. Material/ equipment to be supplied must have minimum warranty/guarantee of **as per the specification attached as Annexure II.**
- 8) Each page in the bid document must be numbered properly and duly signed & sealed by the bidder on every page of the bid.
- 9) **The items/ materials shall be required to be delivered at CE Department/ Section through Purchase & Store Section, IIT (ISM) Dhanbad at the risk and cost of the tenderer.**



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- 10) Venders must pay the Tender Cost through the Link <http://www.onlinesbi.com/prelogin/icollecthome.htm?corpID=272342> . Cash receipt should be attached along with the bid submitted.
- 11) **Bid Security or Earnest Money Deposit (EMD):** Should be submitted in form of A/C payee demand draft drawn in favor of Registrar, IIT (ISM), Dhanbad and payable at Dhanbad.
- 12) Unloading and installation shall be the complete responsibility of the supplier.
- 13) The stores are required to be delivered within 30 days. Late delivery may not be accepted.
- 14) The items offered should be of good quality confirming to BIS standards, wherever applicable.
- 15) **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.
- 16) In the event date on which the tender is opened for acceptance is declared to be a holiday, the tenders shall be deemed to remain open for acceptance till the next working day. IIT(ISM) Dhanbad may extend the date and time for submission opening of the bids.
- 17) 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). *Late or delayed tenders shall be summarily rejected.*
- 18) Successful bidders will have to submit Performance Bank Guarantee (PBG) as per the Purchase Order.
- 19) Any other information that you may like to obtain, you are free to contact IIT (ISM) Dhanbad before submission of tender.
- 20) IIT (ISM) Dhanbad reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

Assistant Registrar



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Annexure - I

Format for Financial Bid

NIT No.: CE-PRJ-293-2018-19

Dated: 20.11.2018

Bidder's Reference No.

Dated:

GSTIN:

Subject: Supply and Installation of Workstation for high performance computing.

Sl. No.	Full Description of Items (With HSN Code/ SAC Code)	Qty.	Rate	Amount
			Packing & Forwarding (if any)	
			Total	
			GST(if any)	
			Freight (if any)	
			Installation (if any)	
	Amount should be in figure as well as word		Grand Total	

Note:

- 1) All the details must be provided as per prescribed format only
- 2) Prices quoted by the bidders should include GST, HSN Code, SAC Code, duties, livies, transportation cost and insurance costs etc. if any



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Annexure II

Technical Specifications

1. Workstation

Sl. No.	Features	Requirements
1	Processor	2 x Intel Xeon Gold 5118 Processor (16.5M Cache, 2.30 GHz, 12 Cores / 24 Threads)
2	Chipset	Intel C622
3	BIOS	BIOS of the Workstation to have tool for Enhanced security features like self healing, regular checks.
4	RAM	256 GB DDR4 2666 MhZ, 24 DIMM Slots - all slots should be on motherboard itself. Option for upgradeability up to 3 TB required.
5	Drive Controllers	Onboard 10-Channel 6Gbps SATA (RAID 0,1,5,10)
6	Hard Disk	512 GB Turbo Drive Quad Pro PCIe Based SSD & 3 X 6TB 7200 SATA Enterprise 3.5" HDD
7	Optical Drive	9.5mm Slim Super Multi DVD Writer
8	Graphics Card	NVIDIA Quadro P1000 4GB Graphics card and system should support to addition two more GV100 32GB in future
9	Bays	2 x External 5.25" 4 x Internal 3.5" Option to add up to 4 nos of M.2 SATA SSD System should be able to support a total of 16 drives along with a DVD drive.
10	Slots	Minimum requirement: 4 x PCIe x16 Gen3 (with Dual socket Config) 1 x PCIe x8 Gen3 2 x PCIe x4 Gen3
11	Ports	Front : 4 x USB 3.1 Rear : 6 x USB 3.1, 2 x RJ45 LAN ports (Optional: 2 RJ-45 to 10GbE LAN ports)
12	Keyboard and Mouse	Minimum 104 keys USB Keyboard and USB Optical Scroll mouse - Same make as that of the workstation
13	Audio	High Definition Integrated Audio with Internal speaker.
14	Power Supply	Minimum 1700W under 200V input voltage with 90% Efficient wide.
15	Chassis	Completely tool less chassis with handles in front and rear side. Provision for Kensington lock and Panel lock required. System should be rack-mountable.



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16	Operating System	Windows 10 Pro 64BIT and system should be certified for Red Hat® Enterprise Linux® Desktop 7.4 , SUSE Linux® Enterprise Desktop 12 SP3 ,Ubuntu 16.04 LTS
17	Remote Collaboration Solution	Hardware or Software based Remote Collaboration system which can help remotely access 3D data across network has to be supplied with the system. - It should allow collaboration between multiple participants on an OpenGL 3D or DirectX applications. - It should support One to One for remote work and One to many for collaboration with keyboard and mouse control. - Application should be stateless and should not transfer actual data over the network. - Pixel information or images should be 128 SSL encrypted. - Should work on both Linux and Windows, and should be inter-operable.
18	Additional Software	1. The hardware vendor should supply an automatic system performance tuning and monitoring software on Windows. 2. The tuning software should have modules for resource monitoring over a long period of time, and should be capable of showing GPU utilisation (GPU, Graphics memory and Codec activity) for both Graphics and GPU Compute cards. 3. A complete Offline Diagnostics and Asset Discovery software suite should be supplied along with the system.
19	Warranty	3 years onsite parts and labour warranty for system and monitor
20	Vendor Status	The hardware vendor should be a reputed concern, having global presence in multiple countries. Vendor should have ISO certifications.
21	Cooling Soutlion	Air cooled forced convection
22	Monitor	27" FHD, 1920 X 1080 resolution, Input: VGA , HDMI, TCO Certified Monitor, Epeat Silver, Energy star
23	Authorization Letter	Tender specific OEM Authorization Certificate to be submitted.