



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@ismdhanbad.ac.in || Website : www.iitism.ac.in

NIT No. ECE-500200-2017-18

Date: 28th August, 201

NOTICE INVITING TENDER

Subject: Supply & Installation of workstation with 2 processors and Workstation with 1 Processor.

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

Sl. No	Description of item(s)		Quantity
1.	Workstation with 2 Processors:		01
	Features	Qualifying Minimum Requirements	
	Processor	2 X Intel® Xeon® Processor E5-2630 v4 (25M Cache, 2.20 GHz, 10 Core)	
	Chipset	Intel C612	
	RAM	32 GB ECC, DDR4, 2400 MHz memory; Total 8 DIMM Slots with 2 CPU's	
	Drive Controllers	Onboard 6-Channel SATA @ 6Gbps (RAID 0,1,5,10) Optional LSI SAS Controller	
	Hard Disk	256 GB PCI Express based SSD Drive. 1 x 1 TB Drives in Option for future expansion of additional 4 Hard drives."	
	Optical Drive	9.5mm Slim SuperMulti DVD Writer	
	Graphics Card	NVIDIA Quadro K620 2GB Graphic card	
	Monitor	Display size (diagonal)-61 cm (24") IPS w/LED backligh Panel active area 20.41 x 12.76 in, Aspect ratio-16:10, Native resolution-WUXGA (1920 x 1200 @ 60 Hz), Resolutions supported-1920 x 1200, Pixel pitch-0.27 mm, Brightness-250 cd/m ² , Contrast ratio-1000:1 static & 5000000:1 dynamic, View angle- 178 / 178, Input connector- 1 DisplayPort™ 1.2 (with HDCP support), 1 HDMI (with HDCP support) 1 VGA, Ports-3 USB 2.0 (Two downstream and one upstream), NERGY STAR® certified, EPEAT® Gold registered 3, and meets TCO Certified, - Same make as that of the workstation	
	Bays	2 x External 5.25'' 2 x Internal 3.5'' Slim Optical Drive bay	
	Slots	2 x PCIe Gen3 x16 2 x PCI Express Gen2 1 x PCI Express Gen3 x8 1 x PCI All PCI Express slots should be open-ended.	
Security	BIOS controlled electro-mechanical internal chassis lock for the system.		
Ports	Front : 4 USB 3.0, 1 Headphone, 1 Microphone Rear : 4 USB 3.0, 2 USB 2.0, RJ-45 integrated Gigabit LAN, 2 PS/2, 1 Audio Line-In, 1 Audio Line-Out, 1 Microphone		



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Keyboard and Mouse	Minimum 104 keys USB Keyboard and USB Optical Scroll mouse - Same make as that of the workstation
Audio	High Definition Integrated Audio with Internal speaker.
GPU Computing Card	Nvidia Tesla K40 to be supported
Power Supply	Minimum 900W 90% Efficient Power supply EPEAT Gold certification for the system model. Power supply should support standalone self test.
Chassis	Completely tool less chassis with handles in front and rear side. Provision for Kensington lock and Panel lock required. Integrated handles on the chassis. System should be rack-mountable.
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.
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.
Warranty	3 years onsite parts and labor warranty for system and monitor
Vendor Status	The hardware vendor should be a reputed concern, having global presence in multiple countries. Vendor should have ISO certifications.
UPS	"Nominal Input Voltage-230V, Output power capacity-865Watts / 1.5 kVA, Max Configurable Power (Watts)-865Watts / 1.5 kVA, Nominal Output Voltage-230V, Efficiency at Full Load-85.0 %, Output Frequency (sync to mains)-50/60 Hz +/-1 Hz, Topology-Line Interactive Waveform type-Stepped approximation to a sinewave, Output Connections-(2) India 3-pin 6A (selector_surgetitle),(4) India 3-pin 6A (Battery Backup), Transfer Time-6ms typical : 10ms maximum"



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02.	Workstation with 1 Processor:		01
	Features	Qualifying Minimum Requirements	
	Processor	1 X Intel® Xeon® Processor E5-2620 v4 (20M Cache, 2.10 GHz,8 Core)	
	Chipset	Intel C612	
	RAM	32 GB ECC, DDR4, 2400 MHz memory; Total 8 DIMM Slots with 2 CPU's	
	Drive Controllers	Onboard 6-Channel SATA @ 6Gbps (RAID 0,1,5,10) Optional LSI SAS Controller	
	Hard Disk	256GB PCI Express based SSD Drive. 1 x 1 TB Drives in Option for future expansion of additional 4 Hard drives.	
	Optical Drive	9.5mm Slim SuperMulti DVD Writer	
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	Bays	2 x External 5.25" 2 x Internal 3.5" Slim Optical Drive bay	
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Tender Schedule

Particulars	Date & Time
Bid Security or Earnest money deposit	Rs. 10,000.00 (Rupees Ten Thousand only)
Last date and time for submission of tenders	18.09.2017 at 3:00 P.M.
Date and time of opening of tenders	18.09.2017 at 4.00 P.M.



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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 **3 years onsite warranty**.
- 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) **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.
- 10) **The items/ materials shall be required to be delivered at ECE Department/ Section through Purchase & Store Section, IIT (ISM) Dhanbad** at the risk and cost of the tenderer.
- 11) Unloading and installation shall be the complete responsibility of the supplier.
- 12) The stores are required to be delivered within 30 days. Late delivery may not be accepted.
- 13) The items offered should be of good quality confirming to BIS standards, wherever applicable.
- 14) **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.
- 15) 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.
- 16) 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.*
- 17) Any other information that you may like to obtain, you are free to contact IIT (ISM) Dhanbad before submission of tender.
- 18) IIT (ISM) Dhanbad reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

Deputy Registrar



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Annexure - I

Format for Financial Bid

NIT No.: ECE-500200-2017-18

Dated: 28.08.2017

Bidder's Reference No.
GSTIN:

Dated:

Subject: Supply & Installation of workstation with 2 processors and Workstation with 1 Processor.

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
- 3) All the rates must be quoted in Indian Rupees.