



# 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

No.: ECE/500387/17-18

Date: 22-12-2017

## NOTICE INVITING TENDER

### Subject: Supply & Installation of High end Desktop Computer

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

S No	Full Description of items/ store	Qty	Delivery
1	<b>Supply &amp; Installation of High end Desktop Computer</b> (Detailed Specification is given in Annexure – I )	1	At the Earliest

### Tender Schedule

Particulars	Date & Time
Last date and time for submission of tenders	17.01.2018 at 1:00 P.M.
Date and time of opening of tenders	17.01.2018 at 3.00 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 – II)
2. You may send your representative in the office of the undersigned at the scheduled date and time of opening of tender.
3. 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



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- 1) The rates should be quoted for each item separately.
- 2) Conditional offer will not be accepted.
- 3) IIT (ISM) 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 three**.
- 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 ECE Department/ Section through Purchase & Store Section, IIT (ISM) Dhanbad** at the risk and cost of the tenderer.
- 10) Unloading and installation shall be the complete responsibility of the supplier.
- 11) The stores are required to be delivered within 30 days. Late delivery may not be accepted.
- 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 of the ordered materials/items and submission of bills, PBG etc. (as per Purchase Order Terms).
- 14) 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.
- 15) Please send your offer by Regd.Post/ Speed Post/ Courier along with Courier receipt. Tender/ quotation will be received during IIT (ISM) working hours only (i.e. Monday to Friday). *Late or delayed tenders shall be summarily rejected*.
- 16) Any other information that you may like to obtain, you are free to contact IIT (ISM) before submission of tender.
- 17) IIT (ISM) reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

Deputy Registrar



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Annexure – I

## Technical Specifications:

Sl. No.	Features	Qualifying Minimum Requirements
1	Processor	Intel Xeon E5-2630 v3 Processor
2	Chipset	Intel C612
3	RAM	32 GB ECC, DDR4, 2133 MHz memory; Total 8 DIMM Slots
4	Drive Controllers	<b>Onboard 6-Channel SATA @ 6Gbps (RAID 0,1,5,10)</b>
5	Hard Disk	<b>PCI Express x4 based 256GB SSD Drive for OS.</b> 3TB Drives Option for future expansion of additional 4 Hard drives.
6	Optical Drive	9.5mm Slim SuperMulti DVD Writer
7	Graphics Card	Nvidia Quadro K1200 Graphics card.
8	Monitor	24" LED Backlit IPS monitor. Monitor specifications as attached separately.
9	Bays	<b>2 x External 5.25"</b> <b>2 x Internal 3.5"</b> <b>Slim Optical Drive bay</b>
10	Slots	<b>2 x PCIe Gen3 x16</b> <b>2 x PCI Express Gen2 + 1 x PCI Express Gen3</b> <b>1 PCI</b>  <b>All PCI Express slots should be open-ended.</b>
11	Security	<b>BIOS controlled electro-mechanical internal chassis lock for the system.</b>
12	Ports	<b>Front : 4 USB 3.0, 1 Headphone, 1 Microphone</b> <b>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</b>
13	Keyboard and Mouse	Minimum 104 keys USB Keyboard and USB Optical Scroll mouse - Same make as that of the workstation
14	3D Mouse	SpacePilot Pro USB 3D Mouse
15	Audio	High Definition Integrated Audio with Internal speaker.
16	GPU Computing Card	Nvidia Tesla K40 to be Supported
17	Power Supply	<b>Minimum 500W 85% Efficient Power supply</b>  <b>OR</b>  <b>Minimum 700W 90% Efficient Power supply</b>  <b>EPEAT Gold certification for the system model. Power supply should support standalone self test.</b>



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Sl. No.	Features	Qualifying Minimum Requirements
18	Chassis	Tool less chassis with easy access. Provision for Kensington lock and Panel lock required. Integrated handles on the chassis. System should be rack-mountable
19	Operating System	Windows 8.1 Professional 64 bit OS with downgrade option to Windows 7. System should be certified for running RHEL and SLED.
20	Remote Collaboration Software (Remote Graphic Software)	<p><b>Hardware or Software based Remote Collaboration system which can help remotely access 3D data across network has to be supplied with the system.</b></p> <ul style="list-style-type: none"> <li>- It should allow collaboration between multiple participants on an OpenGL 3D or DirectX applications.</li> <li>- It should support One to One for remote work and One to many for collaboration with keyboard and mouse control.</li> <li>- Application should be stateless and should not transfer actual data over the network.</li> <li>- Pixel information or images should be 128 SSL encrypted.</li> <li>- Should work on both Linux and Windows, and should be inter-operable.</li> </ul>
21	Additional Software (Performance advisor - help increase performance by 25%)	<p><b>1. The hardware vendor should supply an automatic system performance tuning and monitoring software on Windows.</b></p> <p><b>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.</b></p> <p><b>3. A complete Offline Diagnostics and Asset Discovery software suite should be supplied along with the system.</b></p>
22	Warranty	3 years onsite parts and labor warranty for system and monitor
23	Vendor Status	The hardware vendor should be a reputed concern, having global presence in multiple countries. Vendor should have ISO certifications.



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Annexure - II

## Format for Financial Bid

NIT No.: ECE/500387/17-18

Date:

Bidders Ref: No.

Date:

GSTIN No.:

**Subject: Supply & Installation of High end Desktop Computer**

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

### 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.