

**TENDER ENQUIRY FROM  
SCHOOL OF MEDICAL SCIENCE AND TECHNOLOGY  
INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR- 721302**

Tel: 03222-282220

Enq. No. IIT/SMST/OTG/AHC/SKV/ENQ-44/2018-2019

Fax: 03222-282221

Date: 08.10.2018.

E-mail: [officesmst@smst.iitkgp.ernet.in](mailto:officesmst@smst.iitkgp.ernet.in)

<b>LAST DATE OF SUBMISSION</b>	<b>29 October, 2018 at 03 – 00 p.m.</b>
<b>Time and Date for opening :</b>	<b>29 October, 2018 at 03 – 30 p.m.</b>

Sealed tender offers are invited in **Two separate** sealed covers (**Technical and Commercial offers**) from eligible manufacturers/suppliers or their direct Indian agents for the supply of the following equipment :

**Subject: Request for proforma Invoice / Quotation**

Sl. No	Description of Stores	Quantity																														
	<b>Workstation</b>																															
	<table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: center;">Features</th> <th style="text-align: center;">Minimum requirements</th> </tr> </thead> <tbody> <tr> <td>Processor</td> <td>Minimum Intel Xeon W-2145 (Speed 3.7 GHz Turbo up to 4.5 GHz) 8 Core or higher</td> </tr> <tr> <td>Chipset</td> <td>Intel C422</td> </tr> <tr> <td>RAM</td> <td>128 GB ECC (4 X 32 GB), DDR4, 2666 MHz memory; Total 8 DIMM Slots</td> </tr> <tr> <td>BIOS</td> <td>BIOS of the Workstation to have tool for Enhanced security features like self-healing, regular checks</td> </tr> <tr> <td>Drive Controllers</td> <td>Onboard 6-Channel SATA @ 6Gbps (RAID 0,1,5,10)</td> </tr> <tr> <td>Hard Disk</td> <td>PCI Express x4 based 256 GB SSD Drive for OS. 4 TB SATA 7200 RPM HDD Option for future expansion of additional up to 4 SATA/SSD Hard drives.</td> </tr> <tr> <td>Optical Drive</td> <td>9.5mm Slim SuperMulti DVD Writer</td> </tr> <tr> <td>Graphics Card</td> <td>NVIDIA Quadro P1000 Graphics with 4 GB Memory</td> </tr> <tr> <td>Bays</td> <td>2 x External 5.25" 2 x Internal 3.5" 2x M.2 PCIe x4 Gen3 Slot for SSDs Slim Optical Drive bay</td> </tr> <tr> <td>Slots</td> <td>2 x PCIe x16 Gen3 1 x PCIe x8 Gen3 2 x PCIe x4 Gen3 All PCI Express slots should be open-ended</td> </tr> <tr> <td>Security</td> <td>BIOS controlled electro-mechanical internal chassis lock for the system</td> </tr> <tr> <td>Ports</td> <td>Front : 4 USB 3.1, 1 Headphone, 1 Microphone Rear : 4 USB 3.1, 2x RJ-45 integrated Gigabit LAN (1x supporting Intel AMT), 2 PS/2, 1 Audio Line-In, 1 Audio Line-Out, 1 Microphone</td> </tr> <tr> <td>Keyboard and Mouse</td> <td>Minimum 104 keys USB Keyboard and USB Optical Scroll mouse - Same make as that of the workstation</td> </tr> <tr> <td>Audio</td> <td>High Definition Integrated Audio with Internal speaker</td> </tr> </tbody> </table>	Features	Minimum requirements	Processor	Minimum Intel Xeon W-2145 (Speed 3.7 GHz Turbo up to 4.5 GHz) 8 Core or higher	Chipset	Intel C422	RAM	128 GB ECC (4 X 32 GB), DDR4, 2666 MHz memory; Total 8 DIMM Slots	BIOS	BIOS of the Workstation to have tool for Enhanced security features like self-healing, regular checks	Drive Controllers	Onboard 6-Channel SATA @ 6Gbps (RAID 0,1,5,10)	Hard Disk	PCI Express x4 based 256 GB SSD Drive for OS. 4 TB SATA 7200 RPM HDD Option for future expansion of additional up to 4 SATA/SSD Hard drives.	Optical Drive	9.5mm Slim SuperMulti DVD Writer	Graphics Card	NVIDIA Quadro P1000 Graphics with 4 GB Memory	Bays	2 x External 5.25" 2 x Internal 3.5" 2x M.2 PCIe x4 Gen3 Slot for SSDs Slim Optical Drive bay	Slots	2 x PCIe x16 Gen3 1 x PCIe x8 Gen3 2 x PCIe x4 Gen3 All PCI Express slots should be open-ended	Security	BIOS controlled electro-mechanical internal chassis lock for the system	Ports	Front : 4 USB 3.1, 1 Headphone, 1 Microphone Rear : 4 USB 3.1, 2x RJ-45 integrated Gigabit LAN (1x supporting Intel AMT), 2 PS/2, 1 Audio Line-In, 1 Audio Line-Out, 1 Microphone	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	<b>01</b>
Features	Minimum requirements																															
Processor	Minimum Intel Xeon W-2145 (Speed 3.7 GHz Turbo up to 4.5 GHz) 8 Core or higher																															
Chipset	Intel C422																															
RAM	128 GB ECC (4 X 32 GB), DDR4, 2666 MHz memory; Total 8 DIMM Slots																															
BIOS	BIOS of the Workstation to have tool for Enhanced security features like self-healing, regular checks																															
Drive Controllers	Onboard 6-Channel SATA @ 6Gbps (RAID 0,1,5,10)																															
Hard Disk	PCI Express x4 based 256 GB SSD Drive for OS. 4 TB SATA 7200 RPM HDD Option for future expansion of additional up to 4 SATA/SSD Hard drives.																															
Optical Drive	9.5mm Slim SuperMulti DVD Writer																															
Graphics Card	NVIDIA Quadro P1000 Graphics with 4 GB Memory																															
Bays	2 x External 5.25" 2 x Internal 3.5" 2x M.2 PCIe x4 Gen3 Slot for SSDs Slim Optical Drive bay																															
Slots	2 x PCIe x16 Gen3 1 x PCIe x8 Gen3 2 x PCIe x4 Gen3 All PCI Express slots should be open-ended																															
Security	BIOS controlled electro-mechanical internal chassis lock for the system																															
Ports	Front : 4 USB 3.1, 1 Headphone, 1 Microphone Rear : 4 USB 3.1, 2x RJ-45 integrated Gigabit LAN (1x supporting Intel AMT), 2 PS/2, 1 Audio Line-In, 1 Audio Line-Out, 1 Microphone																															
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																															

Power Supply	Minimum 750W, active Power Factor Correction, 90% Efficient Power supply EPEAT Gold certification for the system model. Power supply should support standalone self-test
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
Operating System	System should be certified for running Windows & Linux platform
Remote Collaboration Software	Hardware or Software based Remote Collaboration system which can help remotely access 3D data across network has to be supplied with the system.  <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>
Additional Software	<ol style="list-style-type: none"> <li>1. The hardware vendor should supply an automatic system performance tuning and monitoring software on Windows.</li> <li>2. The tuning software should have modules for resource monitoring over a long period of time, and should be capable of showing GPU utilization (GPU, Graphics memory and Codec activity) for both Graphics and GPU Compute cards.</li> <li>3. A complete Offline Diagnostics and Asset Discovery software suite should be supplied along with the system</li> </ol>
Warranty	5 years onsite parts and labor warranty for system

Yours sincerely

( Prof. Suman Chakraborty )  
**Head**  
**School of Medical Science and Technology**

## GENERAL TERMS & CONDITIONS

PLEASE SPECIFICALLY INDICATE THE FOLLOWING POINTS IN YOUR QUOTATIONS AND COMPLY THE TERMS AS MENTIONED HEREUNDER:-

1. TENDER ARE INVITED COMPLYING THE REQUIREMENT FOR TENDER AS DETAILED IN THE TENDER SPECIFICATION TO BE SUBMITTED IN THE COMPANY'S / FIRM'S LETTERHEAD NEATLY PRINTED / TYPED DULY SIGNED BY AUTHORIZED PERSON WITH THE SEAL OF THE BIDDERS. ALL ENVELOPS CONTAINING THE TENDER SHOULD BE PROPERLY SEALED. SEPARATE ENVELOPS SHOULD BE USED FOR TECHNICAL AND PRICE BID AND INDICATION TO THEIR EFFECT MAY PLEASE BE SUPERSCRIBED ON THE ENVELOP.

### **THE FOLLOWING DOCUMENTS ARE REQUIRED FROM THE INDIAN AGENTS OF FOREIGN FIRMS:**

1.1 FOREIGN PRINCIPAL'S PROFORMA INVOICE INDICATING THE COMMISSION PAYABLE TO THE INDIAN AGENT AND NATURE OF AFTER SALES SERVICE TO BE RENDERED BY THE INDIAN AGENT.

1.2 COPY OF THE AGENCY AGREEMENT WITH THE FOREIGN PRINCIPAL INDICATING THE NATURE OF AFTER SALES SERVICES, PRECISE RELATIONSHIP BETWEEN THEM AND THEIR MUTUAL INTEREST IN THE BUSINESS.

1.3 PLEASE ENCLOSE THE DOCUMENT(S) RELATED TO THE ENLISTMENT OF THE INDIAN AGENT WITH DIRECTOR GENERAL OF SUPPLIES & DISPOSALS (DGS & R) UNDER THE COMPULSORY REGISTRATION SCHEME OF MINISTRY OF FINANCE.

2. TECHNICAL CATALOGUE/LEAFLET SHOULD BE ENCLOSED WITHOUT FAIL. PROVIDE COMPLIANCE STATEMENT WITH RESPECT TO THE TECHNICAL SPECIFICATIONS MENTIONED ABOVE.

3. PLEASE CONFIRM WHETHER YOU ARE AUTHORISED TO QUOTE ON BEHALF OF YOUR PRINCIPALS AND IF SO, PLEASE ENCLOSE A COPY OF SUCH AUTHORISATION WITH YOUR QUOTATION.

4. **PRICE BIDS FOR FOREIGN FIRMS:** PRICES ARE TO BE QUOTED ON 'EX-WORKS' DULY PACKED OR ON "FCA/FOB" INTERNATIONAL PORT" BASIS AND ALSO INCLUDING AGENCY COMMISSION PAYABLE TO YOUR INDIAN AGENTS, IF ANY SHOWING CLEARLY THE FOLLOWING BREAK UP:-

- I) EX-WORKS PRICE
- II) PACKING & FORWARDING
- III) FREIGHT
- IV) ANY OTHER RELEVANT EXPENSES.
- V) TAXES PAYABLE BY THE INSTITUTE

INSURANCE WILL BE PAID BY OUR INSTITUTE SEPARATELY AND SHOULD NOT FORM PART OF THE QUOTED PRICE.

**PRICE BIDS FOR INDIAN FIRMS:** PRICES ARE TO BE QUOTED ON F.O.R., IIT KHARAGPUR, ON DOOR DELIVERY BASIS CLEARLY SHOWING THE BREAK UP.

**5. PERIOD OF VALIDITY:** BIDS SHALL REMAIN VALID FOR ACCEPTANCE FOR A PERIOD OF 120 DAYS FROM THE DATE OF OPENING.

6. INDIAN AGENTS ADDRESS AND PERCENTAGE OF AGENCY COMMISSION INCLUDED IN ABOVE F.O.B./EX-WORKS PRICE. (THIS WILL BE PAID TO THE INDIAN AGENTS IN INDIAN RUPEES ONLY AND NOT IN FE). PLEASE ENCLOSE COPY OF AGENCY AGREEMENT ENTERED INTO WITH YOUR 4/6 PRINCIPALS INDICATING THE NATURE OF AFTER SALES SERVICES OF INDIAN AGENTS, PRECISE RELATIONSHIP & MUTUAL INTEREST IN THE BUSINESS.

7. **MEASUREMENTS/WEIGHT:** NETT/GROSS OF THE CONSIGNMENT. IN CASE OF AN ORDER, YOU SHALL USE AIR WORTHY PACKAGE (AS APPLICABLE) DULY CERTIFIED WITH DOCUMENTS – PLYTO – SANITARY CERTIFICATE (AS PER QUARANTINE ORDER 2003).

8. **SCOPE OF SUPPLY:** SHOULD INCLUDE FREE INSTALLATION AND COMMISSIONING 9. PAYMENT TERMS FOR FOREIGN FIRMS

9. **PAYMENT TERMS FOR FOREIGN FIRMS**

A) 90% PAYMENT THROUGH SIGHTDRAFT/FORIGN DEMAND DRAFT/LC (EXCEPTIONAL CASES)/SWIFT TELE TRANSFER AFTER RECEIPT OF STORE IN GOOD ORDER AND CONDITION AND 10% AFTER SUCCESSFUL INSTALLATION & COMMISSIONING.

B) BANK CHARGES ON LC/SD (WITHIN INDIA APPLICANT ACCOUNT AND OUTSIDE INDIA TO BENEFICIARY ACCOUNT).

**PAYMENT TERMS FOR INDIAN FIRMS**

A) 90% PAYMENT THROUGH CROSSED ACCOUNT PAYEE CHEQUE / ELECTRONIC TRANSFER AFTER RECEIPT OF STORE IN GOOD ORDER AND CONDITION AND 10% AFTER SUCCESSFUL INSTALLATION & COMMISSIONING.

B) ENSURE MENTIONING

i) BANK DETAILS OF THE BENEFICIARY, GST NO. AND PAN NUMBER

ii) FULL NAME AND ADDRESS OF THE BENEFICIARY ON WHOM ORDER HAS TO BE PLACED

10. WHETHER ANY EXPORT LICENCE IS REQUIRED FROM YOUR GOVERNMENT, IF SO, PLEASE CONFIRM WITH DETAILS.

11. COUNTRY OF ORIGIN OF THE GOODS IS TO BE MENTIONED.

12. THE INSTITUTE SHALL PROVIDE THE CONCESSIONAL CUSTOMS DUTY AND EXCISE DUTY EXEMPTION CERTIFICATE AS PER GOVT. NOTIFICATION NO. 51/96 CUSTOMS DATED: 23.07.1996 AND CENTRAL EXCISE DUTY EXCEMPTION IN TERMS OF GOVT. NOTOFICATION NO. 10/97 – CENTRAL EXCISE DATED: 01.03.1997 AS AMENDED FROM TIME TO TIME.

**13. LIQUIDATED DAMAGES:** THE STORES SHOULD BE DELIVERED / DISPATCHED TO DESTINATION AND READY FOR OPERATION NOT LATER THAN THE DELIVERY DATE SPECIFIED. IT THE SUPPLIER FAILS TO DELIVER ANY OR ALL THE STORES OR PERFORM THE SERVICE BY THE SPECIFIED DATE, LIQUIDATED DAMAGES AT 1% PER MONTH OR PART THEREOF IN

RESPECT OF THE VALUE OF STORES WILL BE DEDUCTED FROM THE CONTRACT PRICE SUBJECT TO A MAXIMUM OF 5%. ALTERNATIVELY, THE ORDER WILL BE CANCELLED AND THE UNDELIVERED STORES PURCHASED FROM ELSEWHERE AT THE RISK AND EXPENSE OF SUPPLIER.

**14. PATENT RIGHTS:** THE SUPPLIER SHALL INDEMNIFY THE PURCHASE AGAINST ALL THIRD PARTY CLAIMS OF INFRINGEMENT OF PATENT, TRADEMARK OR INDUSTRIAL DESIGN RIGHTS ARISING FROM USE OF THE GOODS OR ANY PART THEREOF IN INDIA.

15. ONLY THOSE BIDDERS WHO'S BIDS HAVE BEEN TECHNICALLY FOUND ACCEPTABLE WILL ONLY BE INVITED FOR PARTICIPATION IN THE PRICE BID.

16. THOSE BIDDERS WHO DO NOT RECEIVE ANY COMMUNICATION FOR PARTICIPATION IN PRICE BID OPENING MEETING MAY PRESUME THAT THEIR BID HAS NOT BEEN ACCEPTED BY THE INSTITUTE.

17. CONDITIONAL OFFER WILL NOT BE ACCEPTED.

18. LATE TENDERS I.E. TENDER RECEIVED AFTER THE DUE DATE AND TIME OF SUBMISSION AS MENTIONED ABOVE SHALL NOT BE ACCEPTED.

19. BIDDERS TO ENCLOSE THE FOLLOWING DOCUMENTS:-

A) CURRENT INCOME TAX AND SALES TAX CLEARANCE CERTIFICATES (GST No.), AND PAN NO.

B) BANKER'S SOLVENCY CERTIFICATE

C) SUMMARY OF AUDITED STATEMENT OF ACCOUNTS FOR THE LAST THREE YEARS TO BE ENCLOSED AND FINANCIAL HIGHLIGHTS AND THE KEY PERFORMANCE DURING THE LAST THREE QUARTERS TO BE ENCLOSED AS PER FORMAT:-

COMPANY'S KEY PERFORMANCE

DESCRIPTION	JAN. TO MARCH	APRIL TO JUNE	JULY TO SEPT.
GROSS REVENUE			
PROFIT BEFORE TAX			
PROFIT AFTER TAX			
RETURN ON INVESTED CAPITAL (ROIC)			

D) CUSTOMER SATISFACTION CERTIFICATE FROM ONE SUCH ORGANIZATION IS TO BE ATTACHED WITH THE TECHNICAL BID AND PRICE BID.

E) NAME AND ADDRESS OF MINIMUM THREE CLIENTS TO WHOM SUCH EQUIPMENT HAVE BEEN SUPPLIED SHOULD BE MENTIONED.

**20. WARRANTY / GUARANTEE:** THIS COMPREHENSIVE WARRANTY / GUARANTEE SHALL REMAIN VALID FOR 36 MONTHS AFTER THE GOODS (OR ANY PORTION THEREOF AS THE CASE MAY BE) HAVE BEEN DELIVERED AND COMMISSIONED TO THE FINAL DESTINATION.

21. THE INSTITUTE DOES NOT BIND ITSELF TO OFFER ANY EXPLANATION TO THOSE BIDDERS WHO'S TECHNICAL BID HAS NOT BEEN FOUND ACCEPTABLE BY THE EVALUATION COMMITTEE OF THE INSTITUTE.

22. ALL TENDERS (UNLESS OTHERWISE SPECIFIED) ARE TO BE SUBMITTED / HANDED OVER TO : **PROFESSORE SUMAN CHAKRABORTY, SCHOOL OF MEDICAL SCIENCE AND TECHNOLOGY, INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR - 721 302.**

**IMPORTANT**

1. IIT Kharagpur authority may accept or reject any or all the bids in part or in full without assigning any reason and does not bind itself to accept the lowest bid. The Institute at its discretion may change the quantity / upgrade the criteria / drop any item or part thereof at any time before placing the Purchase Order.
2. Promptly make arrangements for repair and / or replacement of any damaged item (s) irrespective of settlement of claim.
3. In case of any dispute, the decision of the Institute authority shall be final and binding on the bidders.
4. For any query pertaining to this bid document correspondence may be addressed to Prof. Suman Chakraborty, at the address mentioned above.

**LAST DATE FOR SUBMISSION OF SEALED BIDS: 29-10-2018**

- 1) Please Note that the Institute remains closed during Saturdays & Sundays and all specified government holidays.
  - 2) Fax, e-mail Tender will not be accepted.
  - 3) The General Terms and Conditions as stated above relate to supply of stores / equipment /assets etc. and for specific service other terms and conditions of the Institute will apply.
-