



**NATIONAL INSTITUTE OF TECHNOLOGY  
WARANGAL – 506 021, TELANGANA STATE (INDIA)**

No. NITW/CS-03/2017-18

Date: 10-10-2017

**INVITATION FOR TENDERS FOR SUPPLY OF  
Item No. 01 (a): SERVERS**

Established vendors with proven track record and experience in the supply of concerned items are invited to submit their most competitive bids on or before **08-11-2017 at 11.00 AM**. The bids are to be sent in a sealed envelope superscribing the **Reference No. & Name of the item clearly on the envelope** addressed to

**TENDER BOX,  
C/O DIRECTOR,  
NATIONAL INSTITUTE OF TECHNOLOGY  
WARANGAL-506 021 (T.S.)**

**Important dates:**

<b>1.</b>	<b>Pre-Bid Meeting</b>	<b>on 24-10-2017 at 11.30 am</b>
<b>2.</b>	<b>Opening of Tenders</b>	<b>on 08-11-2017 at 11.30 am</b>
<b>3.</b>	<b>Opening of Price bids</b>	<b>on 15-11-2017 at 03.00 pm</b>

The bids will be opened in the presence of the bidders or their authorized representatives who choose to attend as per the terms and conditions mentioned below. No bid will be accepted after the due date and time. Even if accepted will be returned unopened.

Interested eligible bidders may download the set of bidding documents i.e., specifications, Terms & Conditions (Both GCC and SCC) and format for Financial Bid etc., from our website [www.nitw.ac.in](http://www.nitw.ac.in). The payment (non-refundable) **towards cost of the tender documents for Rs.500/-** as specified against each item. The payment towards the cost of the tender documents & EMD shall be submitted by the **bidder through online as per the details given below:**

<b>Bank Account Number</b>	<b>62334024238</b>
<b>IFSC Code Number</b>	<b>SBIN0020149</b>
<b>Bank SBH (NIT) Campus Branch.</b>	

**However, the Bidder is requested to enclose a copy of the “Transmission report” received from the Originating Bank along with the Bidding Document for on the spot confirmation.**

The offer without Tender Fee/cost of the documents will be rejected summarily.

The Institute GSTN/IEC details are as follows.

<b>GST No.</b>	<b>36AACAN7241H2ZK</b>
<b>IEC No.</b>	<b>0100000053</b>

The General Conditions of the Contract are applicable to all the items/equipment mentioned in the Tender Notice.

## **I. GENERAL CONDITIONS OF CONTRACT (GCC):**

- (1) **Validity of the offer:** The Offer shall be valid for **90** days from the date of opening of the quotation or as specified in the SCC (Special Condition of Contract).
- (2) **Clarification of bids:** During opening or evaluation, the purchaser may at its discretion, seek the required clarification from the bidders. However, no change in prices or substance of the bid shall be sought, offered or permitted. If the bid is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the non-conformity. Unsigned communication/ bids will not be accepted and will be rejected summarily.
- (3) **EMD:** EMD as specified in the SCC (Special Condition of Contract) shall be submitted by the **bidder through online or by way of Bank Guarantee (BG). The format of B.G is enclosed as annexure-VI.**  
No interest will be paid on the EMD. The EMD will be forfeited, if the bidder withdraws his tender during the validity period of the bid. Offer without EMD and tender cost/fee will be rejected summarily.
- (4) **Prices:** The price quoted shall be on FOR Destination basis, i.e. the price shall include installation & commissioning, Standard Warranty period of ONE year, packing, forwarding, freight and all taxes & duties, insurance, etc. However the quote should indicate the basic price, discount, other duties/taxes and levies separately (Format under the heading **FINANCIAL BID** is enclosed as Annexure-II to this bid document). Concessions extended to Educational Institutions, if any shall be mentioned in the quotation.
- (5) **AMC:** Comprehensive AMC i.e., after completion of warranty period shall be quoted for the subsequent years (year wise) at least for FIVE Years. However, the purchaser reserves the right whether to enter into AMC or not.
- (6) **Duty Exemptions:** The institute is exempted from payment of customs duty/excise duty under 10/97 & 51/96 issued to Hyderabad customs only by the DSIR and as amended from time to time. The necessary exemption certificates will be issued by the institute only on the receipt of the Cargo Arrival Notice(CAN) / Order Acknowledgement Air way Bill (AWB).
- (7) **Payment:** Payment in the form of NEFT/RTGS/FDD/FLC will be made only on the receipt of material and its satisfactory performance and on production of bank guarantee at the rate of 10% of the order value wherever applicable. However, payment in the form of DD/FFD will be made ready but the same will be delivered upon installation & satisfactory performance if so required by the vendor.
- (8) **Evaluation:** Evaluation of the Bids shall be made strictly in terms of provisions and criteria disclosed in the bidding document for the quantities including optional items mentioned in the bid. However, the institute reserves the right whether to purchase the optional items along with the main equipment or not.  
Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotation, cancel the bidding process and reject all quotations at any time prior to the award of the contract. Also, the Director reserves the right to cancel the purchase order if the firm fails to comply with the delivery schedules without any notice and bid security/EMD in any form will be forfeited.

- (9) **Training**: Training (if required) shall be provided by the supplier on free of cost.
- (10) **Delivery period**: The ordered item shall be delivered within 4 to 6 weeks from the date of Purchase Order or opening of FLC as applicable or on mutually accepted date and terms. However, import item(s) will be cleared CIP/CIF/ICD Hyderabad basis only.
- (11) **Liquidated Damages**: The Institute reserves the right to impose 'LD clause' if the supplier fails to perform the contract within the specified period and can even terminate the contract on the whole or in parts thereof.
- (12) **Security deposit**: The successful tenderer will have to deposit @ 5% of the order value within 07 days of issuance of LOI/order towards security deposit. Else the offer is liable for rejection and the EMD will be forfeited.
- (13) **Performance Security**: The Institute reserves the right to insist for performance security @ 10% of the order value towards warranty obligations. And the performance warranty will be released on entering into AMC with the institute. The payment towards AMC will be paid quarterly on completion of quarter or on mutually agreed terms.
- (14) **Inspection and tests**: The purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the purchaser prior to the goods shipment. The Inspection and test certificates shall accompany the goods/invoice. The infrastructure facilities to install and operate the equipment shall be declared in the bidding documents.
- (15) **Sample**: If insisted, samples shall be provided by the supplier at the entire cost and risk of the supplier.
- (16) **Defective material**: The defective material/samples from premises of NIT Warangal will be lifted at the entire cost & risk of the firm and the defective material will be lying at their own risk and cost.
- (17) **Manuals and drawings**: The supplier shall supply operation and maintenance manuals together with drawings of the equipment to enable the Institute to operate, maintain, adjust and repair all parts of the equipment as stated in the specifications.
- (18) **Packing**: Each package shall be marked with (i) Order No., (ii) Reference number of the packing list and (iii) supplier's name on three sides of the package with proper paint/indelible ink.
- (19) **Delivery and Documents**: Upon delivery of goods, the supplier shall notify the purchaser and Insurance company by fax the full details of the shipment like contract No., description of the goods, quantity and name of the consignee etc., Also, the supplier shall mail copies of the documents like, Supplier's Invoice, RR/LR, packing list, insurance certificate, warranty certificate and inspection certificate issued by the concerned agency/factory etc.,

- (20) **Corrupt or Fraudulent practices**: The bidders shall observe the highest standard of ethics during the whole transaction. Contrary to the above the offer will be rejected for award of contract and firms will be declared as ineligible even for further period as deemed fit by the Institute.
- (21) **JURISDICTION**: The Courts of Warangal alone will have the jurisdiction to try and any matter dispute or reference between the parties arising of this agreement/contract.
- (22) **Indexing the bid documents**: All pages of the Bid Documents shall be numbered and the first page shall be the table of contents. (Format enclosed as Annexure –I) to this bid document) and the last page shall be the declaration certificate (format enclosed as Annexure – VII). Further each page shall be initiated by the Signature of the competent authority & seal.

In addition, the Special Conditions of Contract (if mentioned along with the specifications of the item) shall supplement these General Conditions of Contract. Wherever there is a conflict, the provisions mentioned in the SCC shall prevail over these General Conditions of Contract.

IF A FIRM IS QUOTING FOR MORE THAN ONE ITEM, SEPARATE ENVELOPES MUST BE USED FOR EACH ITEM.

Please note that the institute reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to the award of contract, without thereby incurring any liability to the affected Bidder or bidders.

Date & Seal

Name and Signature of the  
competent authority of the firm

**Special Conditions of Contract (SCC):**

Qty: 4 Nos. to 6 Nos.

Features	Product Description
Server with one GPU CARD	Server specifications
CPU	2 x Intel® Xeon® E5-2640v4 (2.4GHz/10-core/25MB/90W) Processor Kit
CPU L3 CACHE Memory	25 MB (1 x 25 MB) L3 cache
Motherboard	Intel® C610 Series Chipset
Memory	128 GB DDR4 RAM scalable to at least upto 3 TB , using DDR4 Load Reduced DIMM (LRDIMM) memory modules with 24 DIMM slots or equivalent
Memory Protection	Advanced ECC with multi-bit error protection and memory online spare mode
HDD Bays	Up to 8 SFF, HDD/SSD expandable upto 16 drives with optional drive cage, The drive carrier should have intuitive icon based display along with "DO NOT REMOVE" caution indicator that gets activated automatically in order to avoid data loss/downtime due to wrong drive removal or equivalent
Optical drive Bay	Optical drive DVD-RW
Hard disk drive	8 x 1.2TB 12G SAS 10K rpm SFF (2.5-inch) SC Enterprise 3yr Warranty Hard Drive
Controller	PCIe 3.0 based 12Gb/s SAS Raid Controller with RAID 0/1/1+0/5/50/6/60/with 4GB battery backed write cache (onboard or in a PCI Express slot) or equivalent
Networking features	Server should support networking cards with below features: 1. 1Gb 4-port network adaptor supporting advanced features such as Large Send offload capability, TCP checksum and segmentation, VLAN tagging, MSI-X, Jumbo frames, IEEE 1588, and virtualization features such as VMware Net Queue and Microsoft VMQ. 2. Dual port 10 Gbps Ethernet card with SFP's populated. 3. 2* 16 GBPS Single port Fiber HBA
Interfaces	Serial - 1 Micro SD slot - 1 USB 3.0 support With Up to 5 total: 1 front, 2 rear, 2 internal (secure)
Bus Slots	Minimum of Three full length full height PCIe 3.0 Slots X16 and Two full length full height PCIe 3.0 Slots X 8 slots
Power Supply	Minimum 94% Hot pluggable Redundant Power Supplies
Fans	Redundant hot-plug system fans
Graphics	Integrated video with 16MB of Video RAM
Industry Standard Compliance	ACPI 2.0b Compliant, PCIe 3.0 Compliant, PXE Support, WOL Support Microsoft® Logo certifications, USB 3.0 AND 2.0 Support, Energy Star, ASHRAE A3/A4 and
Embedded system management	Should support monitoring ongoing management, service alerting, reporting and remote management with embedded Gigabit out of band management port Server should support configuring and booting securely with industry standard Unified Extensible Firmware. System management should support provisioning servers by discovering and deploying 1 to few servers with Intelligent Provisioning System should support embedded remote support to transmit hardware events directly to OEM or an authorized partner for automated phone home support

S. Rawichandhi  
26/7/17

Security	<p>Power-on password  Serial interface control  Administrator's password  UEFI  Should support upto 12 customizable user accounts on out of band management port and SSL encryption  Should also supports directory services integration</p>
Operating Systems and Virtualization Software Support	<p>Microsoft Windows Server  Red Hat Enterprise Linux (RHEL)  SUSE Linux Enterprise Server (SLES)  Oracle Solaris  VMware  Citrix Xen Server</p>
Warranty	<p>Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support.</p>
Chassis	<p>2 U Rack Mountable</p>
Provisioning	<p>Essential tools, drivers, agents to setup, deploy and maintain the server should be embedded inside the server. There should be a built -in Update manager that can update firmware of system by connecting online.</p>
Remote Management	<ol style="list-style-type: none"> <li>1. System remote management should support browser based graphical remote console along with Virtual Power button, remote boot using USB/CD/DVD Drive. It should be capable of offering upgrade of software and patches from a remote client using Media/image/folder; It should support server power capping and historical reporting and should have support for multifactor authentication.</li> <li>2. Server should have dedicated 1Gbps remote management port.</li> <li>3. Server should support agentless management using the out-of-band remote management port.</li> <li>4. The server should support monitoring and recording changes in the server hardware and system configuration. It assists in diagnosing problems and delivering rapid resolution when system failures occur.</li> <li>5. Remote console sharing upto 6 users simultaneously during pre-OS and OS runtime operation, Console replay - Console Replay captures and stores for replay the console video during a server's last major fault or boot sequence. Microsoft Terminal Services Integration, 128 bit SSL encryption and Secure Shell Version 2 support should provide support for AES and 3DES on browser. Should provide remote firmware update functionality. Should provide support for Java free graphical remote console.</li> </ol>
Server Management	<p>The Systems Management software should provide Role-based security</p>
	<p>Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. Should support automatic event handling that allows configuring policies to notify failures via e-mail, pager, or SMS gateway or automatic execution of scripts.</p>
	<p>Should provide an online portal that can be accessible from anywhere. The portal should provide one stop, online access to the product, support information and provide information to track warranties, support contracts and status. The Portal should also provide a Personalized desk board to monitor device health, hardware events, contract and warranty status. Should provide a visual status of individual devices and device groups. The Portal should be accessible on premise (at customer location - console based) or off premise (using internet).</p>

*S. Ravichandran*  
26/2/18

	Should support scheduled execution of OS commands, batch files, scripts, and command line apps on remote nodes
	Should be able to perform comprehensive system data collection and enable users to quickly produce detailed inventory reports for managed devices. Should support the reports to be saved in HTML, CSV or XML format.
	Should help to proactively identify out-of-date BIOS, drivers, and Server Management agents and enable the remote update of system software/firmware components.
	The Server Management Software should be of the same brand as of the server supplier.
	Infra Platform /Infra Software to support a variety of different hypervisors, such as VMware, Microsoft Hyper-V, Red Hat KVM.
	Solution available to Deploy a fast and easy installation via software appliance delivery mode. With its own OS and Database to provide infra and lifecycle management.

Qualification Criteria
<ul style="list-style-type: none"> <li>The total annual turnover of the bidder should be at least ₹: 3.00 crore or more during each of the preceding three financial years. Annual reports/Turnover Certificate form Chartered Accountant shall be enclosed.</li> </ul>
<ul style="list-style-type: none"> <li>Bidder should have successfully executed orders for similar items such that value of all the executed orders is at least ₹: 30.00 lakhs during each of the three preceding financial years. Documentary proof signed by competent authority shall be submitted.</li> </ul>
<ul style="list-style-type: none"> <li>A detailed report on the proposed maintenance service for the equipment supplied shall be provided. Satisfactory performance certificate from the previous users to whom similar equipment has been supplied in the preceding three years, shall be provided.</li> </ul>
<ul style="list-style-type: none"> <li>The bidder should provide the copies of TIN, TAN, PAN, GST</li> </ul>
<ul style="list-style-type: none"> <li>The bidder should provide ISO Performance Certificate.</li> </ul>
<ul style="list-style-type: none"> <li>If the bidder is not a manufacture, a letter authorizing for this tender from the manufacturer shall be enclosed.</li> </ul>

The bids, failing to satisfy any of the above conditions will be summarily rejected.

- The bidder should provide the OEM Authorization Certificate/ISO performance Certificate.

EMD-₹: 60,000/-

Date & Seal

Name and Signature of the  
competent authority of the firm

*S. Ravi Chand*  
26/2/17

Annexure – I  
(to be enclosed as age – 01)

Table of contents		
Sl. No.	Description	Page No.
01	Certificate regarding page numbering	02
02	Registration and Tax clearance certificate of the supplier issued by the competent authority.	
03	IGST / GST Registration Number with percentage of Tax without any concession	
04	Manufacturers Authorization Certificate (if the offer is from a Distributor / Dealer).	
05	Make and Model number of the item together with Technical Literature / Brochures / Catalogues for the item quoted and list of Clientile.	
06	Financial Bid in a separate envelope. The envelope shall be sealed and titled as Financial Bid for _____(mention the name of the item) and shall carry the name and address of the firm. <b>as per the format given</b>	
07	Annual Turnover of the firm <b>as per the format given</b>	
08	Bank details of the Tenderer <b>as per the format given</b>	
09	Bank Guarantee (B.G) <b>as per the format given</b>	
08	Declaration Certificate (shall be the last page)	

Annexure -II  
(Format for certificate of page numbering &  
To be enclosed as **page No.02**

<p><b><u>CERTIFICATE</u></b></p> <p>Certified that this bid document is carrying _____ pages (in figures and words) and each page is numbered.</p> <p>Date: _____</p> <p style="text-align: right;">Sig. of the tenderer &amp; With seal</p>
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Annexure – III  
(Format for Financial Bid)

(To be enclosed in a separate envelope and shall be sealed. The Words ‘FINANCIAL BID’ shall be annotated on the enveloped)

**FINANCIAL BID**

Name & Description of the Item : \_\_\_\_\_

HSN Code No. \_\_\_\_\_

Basic Price	Discount	Packing & Forwarding	Freight	Taxes & Duties	Insurance	Any other cost*	Total Amount for Qty. ONE (inclusive of all) in INR
(1)	(2)	(3)	(4)	(5)	(6)	(7)	Figures and words*
							(8)

\* Rupees \_\_\_\_\_

\* cost towards Optional items or AMC

Gross Total(Inclusive of all): (Qty X price for each one) : in Figures: Rs. \_\_\_\_\_

In words: Rupees: \_\_\_\_\_

Date and seal :

Name & Sig. of the competent  
authority of the firm

Annexure-IV  
(Format for Annual Turnover)

**ANNUAL TURNOVER**

Sl. No.	Annual turnover w.r.t. scientific equipment			Remarks if any
	2014-15	2015-16	2016-17	
(1)	(2)	(3)	(4)	(5)

Sig. of the Chartered Account with seal

The relevant documents are enclosed as Page Nos. \_\_\_\_\_

Certified copies of ITRs are enclosed as page Nos. \_\_\_\_\_

Sig. of the tendered with Seal

- Note : (i) Documentary evidence shall be submitted along with the format  
(ii) Certified copies of ITRs of the above years shall be enclosed.

Annexure V  
(Format for Bank details)

**Bank details of the Tenderer for Refund of EMD & for making payment in case L-1**

<b>Name of the Beneficiary</b> (fill in Capital Letter) As per Bank account														
<b>Bank Account No.</b> (Beneficiary)														
<b>Name of the Bank:</b>														
<b>Name of the Branch:</b>														
<b>IFSC Code of the Branch</b>														
<b>Swift Code/BIC Code</b> (if needed)														
<b>PAN No.</b>														
<b>Mobile No.</b>														
<b>Email ID:</b>														

Date & Seal

Name and Signature of the  
competent authority of the firm

**FORMAT FOR EMD BANK GUARANTEE**

(To be submitted on non-judicial stamp paper of appropriate value purchased in the name of the issuing Bank)

1. Whereas .....  
(hereinafter called the “tenderer”) has submitted their offer dated.....for the supply of .....  
(hereinafter called the “tender”) against the Purchaser’s tender enquiry No. ....

2. KNOW ALL MEN by these presents that WE..... of ..... having our registered office at ..... are bound unto ..... (hereinafter called the “Purchaser”) in the sum of ..... for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this..... day of .....20.....

3. CONDITIONS OF THIS OBLIGATION ARE:

- (i) If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- (ii) If the tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity: -
  - a. If the tenderer fails to furnish the Performance Security for the due performance of the contract.
  - b. Fails or refuses to accept/execute the contract.

4. WE undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions.

5. This guarantee will remain in force up to and including 45 days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

.....  
(Signature of the authorized officer of the Bank)

.....  
Name of the officer

.....  
Designation of the officer

.....  
Seal, name & address of the Bank and address of the Branch

Annexure VII  
(Format for declaration &  
to be enclosed as last page of the bid document)

**DECLARATION**

(To be furnished by the supplier on company's Letter Head)

I/we hereby solemnly declare and affirm that the above documentary evidence/declarations are true and correct to the best of my knowledge and beliefs. No part of it is false and nothing has been concealed therein.

Date & Seal

Name and Signature  
of the competent Authority of the firm

PLEASE PASTE THIS SLIP ON YOUR ENVELOPE

Enquiry No. & Date: \_\_\_\_\_

Name of the Item(s): \_\_\_\_\_

(as mentioned in the Enquiry)

Due Date: \_\_\_\_\_

**To**

**TENDER BOX**  
**C/o. DIRECTOR**  
**National Institute of Technology**  
**WARANGAL -506 021 (T.S.)**

From : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_