



INDRAPRASTHA INSTITUTE of
INFORMATION TECHNOLOGY
DELHI

**TENDER FOR SUPPLY AND INSTALLATION OF GPU
SERVER FOR CAMPUS OF THE INSTITUTE AT OKHLA
PHASE-III, NEW DELHI-110020**

(Tender no. IIITD/S&P/IT/ GPU Server/29/2017-18)

INVITATION FOR BIDS

Indraprastha Institute of Information Technology-Delhi (IIITD), a State University created by an Act of Govt. of NCT of Delhi, invites sealed bids for supply and installation of GPU Server (as per specifications mentioned under Scope of Work below) for its campus at Okhla Phase-III New Delhi-110020 (behind Govind Puri Metro Station).

1. An amount of Rs.50,000/- (Rupees Fifty Thousand only) towards earnest money (EMD) must be deposited in the form of demand draft in favour of "IIIT-Delhi Collections" account, payable at New Delhi. No interest will be paid on the earnest money deposited by the bidder. Tender Document without earnest money will be summarily rejected.
2. The tender document can be downloaded from the Institute's web-site. Those wishing to get the copy of the document from the Institute may please deposit non-refundable Tender Document Fee of Rs.1000/- (Rupees One Thousand only) in the form of Demand draft drawn in favour of IIIT-Delhi Collections", payable at New Delhi or may deposit Rs.1,000/-with the F&A division of the Institute and enclose the receipt with the filled up tender document.
3. The last date for submission of bid is 8th May, 2018 up to 3:00 PM. The Tender Document should be addressed to:

**Registrar,
Indraprastha Institute of Information Technology-Delhi
Okhla Phase-III
(Behind Govind Puri Metro Station)
New Delhi-110020.**

The document may be deposited in the Tender Box kept in the Store & Purchase department at the Room no. 108, First Floor, Old Academic Block of the Institute. Bids received after 3:00 PM will not be accepted or considered under any circumstances.

Bidding Procedure:

1. Bids are invited in Two Bids System i.e. (1) Technical and (2) Financial. Technical and Financial bids should be sealed separately and enclosed in a sealed envelope clearly indicating separately "Technical Bid for GPU Server and "Financial Bid for "GPU Server" addressed to Registrar IIIT-Delhi, Okhla Industrial Area Phase-III, New Delhi.
2. Sealed quotations shall be received not later than 3.00 P.M. on 8th May, 2018. No bids will be accepted after this date & time under any circumstances. The Institute will not be responsible for any postal/courier delay and also for reasons beyond control of the Institute.
3. Technical bids must contain the EMD for specified amount, along with complete technical details as desired by this tender. Technical bids of all the tenderers will be opened on pre scheduled date, time & venue. Technical bids without EMD will be summarily rejected. The financial bid will be opened after evaluation of the technical bid. Financial bid of only those meeting the requirement of the Institute will be opened and no representation in this regard will be entertained. The date, time of opening of financial bid will be communicated later.

Scope of Work

Server:	GPU Node	
Item	Description of Requirement	Compliance
Chassis	2 U Rack Mountable	
CPU	2 x Intel Gold 6126 Processor, 12core, 2.6GHZ	
CPU L3 CACHE Memory	19.25 MB L3 cache	
Motherboard	Intel® C621 Series Chipset	
Memory	24DIMM slots. 96 GB DIMMS scalable upto 768GB using DDR4 Registered DIMM (RDIMM) operating at 2600 MHz Should be capable of identifying and reporting whether genuene OEM memory is installed for system reliability	
Memory Protection	Advanced ECC with multi-bit error protection, Online spare, mirrored memory and fast fault tolerance	
HDD Bays	8 SFF Bays	
Hard disk drive	Hot Plug SFF, 2 x 1.8 TB SAS 10K RPM HDD	
HDD Controller	PCIe 3.0 based 12Gb/s SAS Raid Controller with RAID 0/1/1+0/5/50/6/60/1 Advanced Data Mirroring/10 Advanced Data Mirroring with 2GB battery backed write cache (onboard or on a PCI Express slot) Storage controller should support Secure encryption/data at rest Encryption	
Networking features	Server should have below networking cards: 1. 1Gb 4-port network adaptors 2. 10Gb 2-port Ethernet adaptor with 2 SFP+ 3. 2 x25Gb Ethernet adaptor	
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	Six PCI-Express 3.0 slots, atleast two x16 PCIe slots	
Power Supply	Should support hot plug redundant low halogen power supplies with minimum 94% efficiency	
Fans	Redundant hot-plug system fans	
Industry Standard Compliance	ACPI 6.1 Compliant PCIe 3.0 Compliant PXE Support WOL Support Microsoft® Logo certifications USB 3.0 Support USB 2.0 Support Energy Star ASHRAE A3/A4 UEFI (Unified Extensible Firmware Interface Forum)	

Operating Systems and Virtualization Software Support	Microsoft Windows Server Red Hat Enterprise Linux (RHEL) SUSE Linux Enterprise Server (SLES) VMware ClearOS	
GPU	NVIDIA Quadro P6000 PCIe GPU Adptr	
System tuning for performance	<ol style="list-style-type: none"> 1. System should support feature for improved workload throughput for applications sensitive to frequency fluctuations. This feature should allow processor operations in turbo mode without the frequency fluctuations associated with running in turbo mode 2. System should support workload Profiles for simple performance optimization 	
Warranty	Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response.	
Provisioning	<ol style="list-style-type: none"> 1. Should support tool to provision server using RESTful API to discover and deploy servers at scale 2. Provision one to many servers using own scripts to discover and deploy with Scripting Tool (STK) for Windows and Linux or Scripting Tools for Windows PowerShell 	
Firmware security	<ol style="list-style-type: none"> 1. For firmware security, system should support remote management chip creating a fingerprint in the silicon, preventing servers from booting up unless the firmware matches the fingerprint. This feature should be immutable 2. Should maintain repository for firmware and drivers recipes to aid rollback or patching of compromised firmware. Should also store Factory Recovery recipe preloaded to rollback to factory tested secured firmware 	
Embedded Remote Management and firmware security	<ol style="list-style-type: none"> 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 2. Server should have dedicated 1Gbps remote management port 3. Remote management port should have storage space earmarked to be used as a repository for firmware, drivers and software components. The components can be organized in to install sets and can be used to rollback/patch faulty firmware 3. Server should support agentless management using the out-of-band remote management port 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 5. Applications to access the server remotely using popular handheld devices based on Android or Apple IOS should be available 6. Should support RESTful API integration 	

Minimum Eligibility Requirement:

- 1 Bidder should be OEM/Authorized Partner/service provider of the OEM. In case the tenderer is an Authorized Partner or Service Provider a valid Agency-ship/Dealership Certificate (MAF specific to this tender) to quote on behalf of OEM should also be enclosed along with the technical bid. **A document in support of this must be enclosed.**
- 2 OEM & bidders should have Sales and support office in Country. **A self-certified document in support of this must be enclosed.**
- 3 OEM and bidder should have service and support office in Delhi NCR. **A self-certified document in support of this must be enclosed.**
- 4 The warranty provided by the bidder should have a back to back arrangement with the OEM. **The declaration should be the part of a Letter of Authorization and signed by competent authority at the OEM.**
- 5 The bidder should be ISO 9001 certified. **A copy of ISO Certificate should be enclosed.**
- 6 The bidder should have support centre with minimum 3 Server support engineers. **A self-certified document in support of this must be enclosed.**
- 7 The vendor/OEM should be able to provide 24x7 NOC & Tele support of their own if required by IIITD at agreed terms. **A self-certified document in support of this must be enclosed.**
- 8 The bidder shall provide the Registration number of the firm along with the valid GST number with PAN Number allotted by the competent authorities. **A self-certified document in support of this must be enclosed.**
- 9 The bidder must not be blacklisted by Central Government, State Government or Government of Corporations in India. **A certificate or undertaking to this effect must be submitted.**
- 10 If the bidder is an authorized partner or service provider of an OEM, **an undertaking from the OEM is required** (please enclose) stating that they would facilitate the bidder on a regular basis with technology/product updates and extends support for the warranty as well.
- 11 The bidder must be responsible for supply, deploy and support the infrastructure.
- 12 If vendor /OEM do not meet its SLA, IIITD put the fine of 2000/- Rs per day for first seven days and @ Rs.5, 000/- per day from 8th day onwards will be levied.
- 13 Bidders can seek clarifications, raise technical queries etc. related to Tender by 27-04-2018 via email to **chahan@iiitd.ac.in** & for financial queries to e-mail **ajay@iiitd.ac.in** . The replay to clarifications sought or queries raised will be replied within 03 days by 1-05-2018 and uploaded on the website of the institute under www.iiitd.ac.in Based on this the bidders may submit bids as prescribed by the due date the time. No clarifications in any other form will be provided.

Following information must accompany the financial bid:

1	Name, address and telephone number of the firm/company	
2	Name of the contact person and contact details (mobile/telephone number etc.)	
3	Name of the Bank and full address	
4	Bank Account Number	
5	PAN & GSTIN (Attach self-certified copy)	
6	Valid self-certified copy of authorization from OEM	
7	Copy of Partnership Deed/ Certificate of registration of company or any other document evidencing registration of the bidder	
8	Number of Years of Experience	
9	Details of DD towards: Tender Fee: EMD:	
10	Provide the previous PO's of the same items work executed during last three years (attested copies of the Orders to be enclosed)	
11	List of service centers, nearest location of support centre.	
12	Turnover of the bidder in the financial years: 2014-15 2015-16 2016-17 Please attach CA certified copy of the turnover.	
13	ISO 9000 Certification (please attach certified copy)	

I /We hereby certify that the information furnished above is full and correct to the best of my/our knowledge.

(Signature of the authorized Signatory)
Name:
Office Seal.

Date:
Place:

TERMS AND CONDITIONS

1. The financial bid should be valid for a period of not less than 60 days from the date of opening of bid.
2. Upon placing of the Purchase Order (PO), the successful bidder is required to submit performance Bank guarantee (PBG) equivalent to 10% of the PO value within 07 days of the date of PO, failing which the EMD amount will be forfeited and the bidder shall be notified as blacklisted.
3. The PBG will be valid for a period of 60 days beyond the stipulated date for cessation of the contract which is co-terminus with the warranty period.
4. The bidder should have their own test and repair facility with certified engineers.
5. No interest is payable on the PBG.
6. PBG will be realized by IIIT-D in case of termination of the contract for unsatisfactory performance and/or non-performance of the contract.
7. Bids will be opened in the presence of bidder's representatives, who choose to attend on the specified date and time. Only one representative shall be allowed to attend.
8. Sealed bid can be sent either by post or by messenger. The responsibility of delivery of bid lies entirely with the bidder.
9. 70% against delivery of the material & rest 30% payment will be released only on satisfactory services as per scope of work as certified by officer in charge of the Institute and after producing the invoice. The bidders, who do not agree to above payment terms, are requested not to submit their bid.
11. In the event of dispute, Director, IIIT-Delhi shall be the sole arbitrator and his decision shall be final and binding on both the parties.
12. IIIT-Delhi does not bind itself to accept the lowest or any other offer and reserves the right to accept or reject any or all the offers either in full or in part without assigning any reason.
13. In case the bidder is not able to execute the Work as per terms, EMD/PBG shall be forfeited.
14. The bidder must be an ISO-9000 certified organization.
15. The bidder should be Original Equipment Manufacturer (OEM) or authorized service provider of the OEM (attach documentary proof). The authorization issued by the OEM must be valid and enclosed.
16. Both the bidder and OEM must have sales and support service centers in Delhi.
17. Bidder should provide details of its support, certification to this effect from the OEM. If vendor /OEM fails to meet the SLAs, a fine of 2000/- Rs per day for first seven days and @ Rs.5,000/- per day from 8th day onwards will be levied.

PROFORMA FOR FINANCIAL BID

S. No.	Details	Qty.	*All Inclusive Cost Please quote for each Item (Please quote in INR only)
1	GPU Server (Details as per above)	01	
Total Cost (in figures) With Installation			
4	Discount, if any		
5	Total Final Cost (in figures) With Installation at IIIT Delhi campus Okhla Phase III, New Delhi. <i>The Bidder may obtain price in Forex (USD) however the quote in financial Bid should be INR only.</i> <i>*If any documents are required for availing custom duty exemption, the IIITD will provide the same. Please quote price accordingly.</i>		

* Please note the price should be quoted for each of the item and should be inclusive of all taxes/charges and installation at IIIT-Delhi.

In terms of Notification No. 45/2017-Central Tax (Rate), dated 14/11/2017 of the Government of India, Ministry Of Finance (Department Of Revenue), vide Sr. No.2, the Indraprastha Institute of Information Technology-Delhi being a University established by an Act of the Govt. of NCT of Delhi (Delhi Act 5 of 2008) and registered with the Government of India in the Department of Scientific and Research (Regn. No. TUA//RG-CDE (1 1 57) t201 4, dated 27.08.2014) is eligible for concessional rate of 5% GST on items as specified in the Notification.

The discount, if any should be mentioned herein and nowhere else.

Total Cost (all inclusive) of quantity mentioned above (in words) at IIIT-Delhi campus:

We accept that the rate quoted above shall remain valid for a period of 60 days from the last date of the tender document i.e. 60 days from 8th May, 2018. It is certified that the rates quoted above are not more than the rates charged from any Central / State Govt. Deptt. / Institution / DGS&D.

(Signature and seal of the Bidder)