



INDRAPRASTHA INSTITUTE of
INFORMATION TECHNOLOGY
DELHI

**TENDER FOR SUPPLY & INSTALLATION OF
SERVERS AND STORAGE FOR CAMPUS OF THE
INSTITUTE AT OKHLA PHASE-III, NEW DELHI-
110020**

(IIIT-D/IT/ Servers and storage/022/2021-22)

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 Servers and storage** (as per specifications mentioned under Scope of Work below) for its campus at Okhla Phase-III New Delhi-110020.

1. 1. Earnest Money Deposit: Exempted. Bid Security Declaration to be submitted as per Annexure-X
2. The tender document can be downloaded from the Institute's website. May please deposit a non-refundable Tender Document Fee of Rs.1, 180/- (Rupees One Thousand One Hundred Eighty only) in the form of Demand draft drawn in favour of IIIT-Delhi Collections", payable at New Delhi or may deposit Rs.1, 180/-with the F&A division of the Institute and enclose the receipt with the filled up tender document. The tender fee is exempted for MSMEs/NSIC registered suppliers.
3. The last date for submission of Bid is 31th Jan 2022 up to 3:00 PM. The Technical Bids shall be opened on the same day, i.e., on 31th Jan 2022 at 3.30 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 should be deposited in the Tender Box kept in the Store & Purchase department in Room no. A 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 "**Supply and installation of GPU Server**" and Financial Bid for "**Supply and installation of GPU Server**" addressed to Registrar IIIT-Delhi, Okhla Industrial Area Phase-III, New Delhi-110020.

2. Sealed quotations shall be received no later than 3.00 PM on 31th Jan 2022. No bids will be accepted after this date & time under any circumstances. The Institute will not be responsible for any postal/courier delay and reasons beyond the Institute's control.
3. Technical bids must contain the Bid Security Declaration, along with complete technical details as desired by this Tender. Technical bids of all the tenderers will be opened on a pre-scheduled date, time & venue. Technical bids without Bid Security Declaration 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 the Financial Bid will be communicated later.

Scope of Work

Technical Specifications of Server (Supply & Installation) (Qty. - 01)

Sr. No.	<u>Specification of Server</u>			
S.no	Technical Specifications	Parameter	Compliance (Y/N)	Offered Technical Specs
1	Processor(s)	2 x Intel® Xeon® Gold 6338 Processor 32-Core 2.0GHz 48MB Cache		
2	Motherboard	Appropriate Motherboard and chipset		
3	RAM	1 TB DDR4 3200 Registered ECC DIMMs		
4	HDD(s)	3 x 6000GB NLSAS 7.2K rpm HDD		
5	Hardware RAID Controller	RAID levels:- 0,1,5,6,10 with at least 1 Gb Cache support		
6	PCI Slot(s)	2x PCI-E 4.0 x16		
7	I/O ports (onboard)	At least: 2x/4x USB 2.0/3.0 and, 1x VGA/ HDMI, 2x RJ45 1Gpbs, 2x 10G SFP+ Ports		
8	Cooling	Appropriate cooling must be provided with in the chassis to cool all the parts of the system. There must not be any failures and performance issues due to heating		
9	Remote Management	Server should have dedicated 1 Gbps remote management port. It should support remote power on/off, virtual media, virtual console, virtual KVM, hardware monitoring.		
10	Power Supply	Appropriate energy efficient redundant (N+N) hot swappable power supply to support the configuration.		
11	Form Factor	1U/2U rack-mountable with sliding rails		
12	OS Support	RHEL 7/RHEL8, Ubuntu 18.04 LTS Server, Ubuntu server 20.4 LTS, VMware ESXi		
13	Warranty	5 Years Comprehensive (onsite, Parts, labour) warranty		
	Note	a). All Cables such as power cables for Indian 15A socket,DAC cable SFP+ ,GPU power cables, rack mounting kits or any other accessories should be provided. b) Supplied server must show quoted OEM make, model and Serial number of the server in system bios. c) Offered System must not be End of Life, End of support, End of Sale.		

Technical Specifications of GPU Server (Supply & Installation) (Qty. - 01)

Sr. No.	Specification of Server			
S.no	Technical Specifications	Parameter	Compliance (Y/N)	Offered Technical Specs
1	Processor(s)	2 x Intel® Xeon® Gold 6346 Processor 18-Core 3.10GHz 36 MB Cache		
2	Motherboard	Appropriate Motherboard and chipset		
3	RAM	256 GB DDR4 2666 Registered ECC DIMMs		
4	HDD(s)	3 x 6000GB NLSAS 7.2K rpm HDD		
5	SSD	1 TB Nvme M.2 SSD		
6	Hardware RAID Controller	RAID levels:- 0,1,5,6,10 with at least 1 Gb Cache support		
7	GPU	1 x Nvidia A100 80GB, PCIe GPU Installed; Supports Up to 2 GPUs.		
8	PCI Slots and GPU support	2x PCI-E 4.0 x16 slots with x16 bandwidth. There must be enough space between PCI-E slots to accommodate 2x NVIDIA A100 GPUs in future.		
9	I/O ports (onboard)	At least: 2x/4x USB 2.0/3.0 and, 1x VGA/ HDMI, 2x RJ45 1 Gpbs, 2x 10G SFP+ Ports		
10	Cooling	Appropriate cooling must be provided with in the chassis to cool all the parts of the system also keeping in mind that a total of 2x NVIDIA A100 80GB PCIE GPUs will be installed in future. There must not be any failures and performance issues due to heating.		
11	Remote Management	Server should have dedicated 1 Gbps remote management port. It should support remote power on/off, virtual media, virtual console, virtual KVM, hardware monitoring.		
12	Power Supply	Appropriate energy efficient redundant (N+N) hot swappable power supply to support the configuration.		
13	Form Factor	1U/2U rack-mountable with sliding rails		
14	OS Support	RHEL 7/RHEL8, Ubuntu 18.04 LTS Server, Ubuntu server 20.4 LTS, VMware ESXi		
15	Warranty	5 Years Comprehensive (onsite, Parts, labour) warranty		
	Note	a). All Cables such as power cables for Indian 15A socket,DAC cable SFP+ ,GPU power		

		cables, rack mounting kits or any other accessories should be provided. b) Supplied server must show quoted OEM make, model and Serial number of the server in system bios. c) Offered System must not be End of Life, End of support, End of Sale.		
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Technical Specifications of Network Attached Storage System (Qty. - 01)

Sr. No.	<u>Specification of Storage</u>			
S.no	Technical Specifications	Parameter	Compliance (Y/N)	Offered Technical Specs
1	Both File & Block Storage functionality	Supports NFS, CIFS, SMB & FTP, AFP, ISCSI, FC, NFS Over RDMA Protocol		
2	System Hardware	With Intel® Xeon® Scalable Processors, 64GB DDR4-2400 memory with ECC support , Linux based OS or Free NAS on 512 GB Nvme M.2 SSD, Unlimited User license and Unlimited storage license. At least 12 HDD Bays, 2U rack-mountable storage system with Redundant Power supplies		
3	Host Interface	02 x Gigabit Ethernet with load-balancing 02x 10Gbps SFP+ Connectivity in the same system.		
4	RAID Subsystem	SAS controller with support for Hardware. RAID 0, 1, 10, 5 ,6, 10 at least 1GB cache. Populated with 100 TB NLSAS 7.2K rpm, Enterprise Grade hot-swappable HDDs (Total 100 TB Usable capacity after RAID 6 configuration+1HS drive)		
5	Management	Web based GUI for system management Hardware monitoring, SNMP support		
6	Other	File System with Journaling support Support for ADS & NIS Support for Volume Replication		
	Note	a). All Cables such as power cables for Indian 15A socket, DAC cable SFP+ ,GPU power cables, rack mounting kits or any other accessories should be provided. b) Supplied server must show quoted OEM make, model and Serial number of the server in system bios. c) Offered System must not be End of Life, End of support, End of Sale.		

Minimum Eligibility Requirement:

- 1 Bidder should be OEM/Authorized Partner/service provider of the OEM. In case the Bidder 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 & Authorized Partner should have Sales and support office in Country. **A self-certified document in support of this must be enclosed.**
- 3 OEM or Authorized Partner should have a 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 part of a Letter of Authorization and signed by a competent authority at the OEM.**
- 5 The Bidder should be ISO 9001 certified. **A copy of the ISO Certificate should be enclosed.**
- 6 The Bidder should have a support centre with a minimum of 3 relevant 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 the 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 the 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 regularly 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 does not meet its SLA, IIITD will put the fine of Rs. 2000/- per day for the 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 12-01-2022 via e-mail to bhawani@iiitd.ac.in, adarsh@iiitd.ac.in. And for financial queries, e-mail to ajay@iiitd.ac.in. The reply to clarifications sought or queries raised will be replied to within six days by 18-01-2022 and uploaded on the Institute's website under <https://www.iiitd.ac.in>. Based on this the bidders may submit bids as prescribed by the due date and time. No clarifications in any other form will be provided.

The 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 Bidder	
7	Copy of Partnership Deed/ Certificate of registration of the company or any other document evidencing the 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 the last three years (attested copies of the Orders to be enclosed)	
11	List of service centers, nearest location of the support centre.	
12	Turnover of the Bidder in the financial years: 2018-19 2019-20 2020-21 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 a performance bank guarantee (PBG) equivalent to 3% of the PO value within 15 days from the date of PO, failing which the EMD amount will be forfeited, and the Bidder shall be notified as blacklisted. 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. No interest is payable on the PBG.
- 3.** PBG will be realized by IIIT-D in case of termination of the contract for unsatisfactory performance and/or non-performance of the contract.
- 4.** The Product to be supplied within a period of 6-7 weeks from the date of the Purchase Order by the Institute. If the vendor fails to supply the item as quoted in the Technical & Financial bid, the EMD amount will be forfeited, and the Bidder shall be notified as blacklisted or as deemed appropriate by the Institute.
- 5.** The Bidder should have their own test and repair facility with certified engineers.
- 6.** 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.
- 7.** Sealed Bid can be sent either by post or by messenger. The responsibility of delivery of Bid lies entirely with the Bidder.
- 8.** 100% payment will be released only on satisfactory installation/services as per the scope of work as certified by the officer in charge of the Institute and after producing the GST invoice. Bidder does not agree to the above payment terms is requested not to submit their Bid.
- 9.** Payment will be paid only if the required SLA as mentioned in the scope of work is met.
- 10.** In the event of a dispute, Director IIIT-Delhi shall be the sole arbitrator, and his decision shall be final and binding on both parties.
- 11.** 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.
- 12.** In case the Bidder is not able to execute the work as per terms, EMD/PBG shall be forfeited.
- 13.** Bidder should provide details of its support, certification to this effect from itself. If Bidder fails to meet the SLAs, a fine of 2000/- Rs per day for the first seven days and @ Rs. 5,000/- per day from the 8th day onwards will be levied.
- 14.** The bidder/tenderer shall submit an undertaking on its letter head, duly signed and stamped, that none of the staff, faculty members, relatives, etc. of the Indraprastha Institute of Information Technology-Delhi are related directly or indirectly to any employees, Directors, or Key Managerial Personnel, etc. of the bidder/tenderer. In the event of the IIIT-D coming to know or pointed about the same, the bidder/tenderer undertakes to deposit a sum of Rs.1,00,000/- (Rs. One Lakh only) as a penalty with the Institute. Such bidders/tenderers shall be liable to be blacklisted and announced on the website of IIIT-D.
- 15.** The selected bidder has to sign an agreement with IIITD on a stamp paper after issue of Purchase/Work order. The agreement is attached Annexure 'Y'

PROFORMA FOR FINANCIAL BID

S. No.	Details	Qty.	*All Inclusive Cost (Please quote in INR only)*
1	Supply and installation of Servers and storage(As per scope of work)	01	
Discount, if any			
GST 5%*			
Total Amount Rs.			
<p>Total Final Cost (in figures) with Installation at IIIT Delhi campus Okhla Phase III, New Delhi.</p> <p>The Bidder may obtain price in Forex(USD) however the quote in financial Bid should be INR only.</p> <p><i>*If any documents are required for availing custom duty exemption, the IIITD will provide the same. Please quote price accordingly.</i></p>			

Please note the price should be quoted for each of the items 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. TU/V/RG-CDE (1157) 2018, dated 14.09.2018) 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 31 Jan, 2022. It is certified that the rates quoted above are not more than the rates charged from any Central / State Govt. Deptt. / Institution / GeM.

(Signature and Seal of the Bidder)

"Exempted Bid Security Declaration Form"

Date: _____ Tender No. _____

To (insert complete name and address of the purchaser)

I/We. The undersigned declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any of the obligation under the bid conditions, because I/We

a) have withdrawn/modified/amended, impairs, or derogates from the Tender, my/our Bid during the period of bid validity specified in the form of Bid;

Or

b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or refuse to execute the contract if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Security Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: _____ (signature of the person whose name and capacity are shown)
In the capacity of _____ (legal capacity of the person signing the Bid Securing Declaration)

Name: (complete name of the person signing the Bid Security Declaration)

Duly authorized to sign the Bid for an on behalf of (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

ON NON JUDICIAL STAMP PAPER OF RS 100/-

AN AGREEMENT made on _____ day of _____ two thousand Twenty One

BETWEEN

(Hereinafter called the contractor, which expression shall include its proprietor, partners, heirs, executors, administrators, legal representatives, successors and assignees) WITH REGISTERED ADDRESS.....of the one part

AND

The REGISTRAR Indraprastha Institute of Information Technology Delhi, Okhla Industrial Area Phase III, New Delhi - 110020 (hereinafter called the IIITD, which expression shall include its successors and assignees) of the other part.

Whereas the IIITD had invited Bids <Please write tender name> ; vide its Bid Document No. _____, which shall be deemed to be a part of this agreement; FOR THE SCOPE OF WORK/SUPPLY

Whereas the contractor submitted its TENDER Bid dated _____, a copy of the price bid, submitted by the contractor, is annexed hereto as Annexure;

Whereas the IIITD has accepted the Bid submitted by the contractor, on the terms and conditions mentioned in the IIITD's said Bid Document and conveyed its acceptance to the contractor; vide its letter No. _____ dated _____, AND ANY OTHER CORRESPONDENCEwhich shall be deemed to be a part of this agreement;

Whereas the contractor is agreeable to the terms and conditions mentioned in the IIITD's said Bid document;

Whereas the contractor undertakes to comply with all relevant laws like Contract Labour (Regulation and Abolition) Act, 1970; Employees' State Insurance and Miscellaneous Provisions Act, 1952; Employees' State Insurance Act, 1948; Minimum Wages Act, 1948; Payment of Bonus Act, 1972; Payment of Wages Act, 1936; Income Tax Act; GST Act etc. and to indemnify the IIITD

from the contractor's acts of omission or commission, as regards the compliance with the relevant laws;

Whereas the contractor declares that he/she/it shall own all responsibility for any act of omission or commission, as regards the compliance with the relevant laws;

AND WHEREAS the IIITD is agreeable to make necessary payment to the Contractor, at the rates mentioned in the Annexure annexed hereto and as per the terms and conditions mentioned in the IIITD's said Bid Document;

In WITNESS whereof Shri (name), (designation), the authorized representative of the contractor, for and on behalf of the contractor, has hereunto set his hand and for and on behalf of the IIITD has hereunto set his hand.

(Signature of the authorized representative of the Contractor)

Name and designation of the contractor's representative

In the presence of

1

2

(Signature of witnesses with full name and full address)

Registrar
for and on behalf of the IIITD

In the presence of

1

2

(Signature of witnesses with full name and full address)