INDRAPRASTHA INSTITUTE *of*
INFORMATION TECHNOLOGY
DELHI

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

(Tender no. IIITD/S&P/IT/Servers & Storage/26/2017-18)

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 (behind Govind Puri Metro Station).

1.   An amount of Rs.1,00,000/- (Rupees One Lakh 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 16th March, 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 Servers and Storage" and

"Financial Bid for Servers and Storage" 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 16th March 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 bidders 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

SMP Server: (Qty.-1)

S.no	Component	Server Specification
1	Processor	4 x Intel® Xeon® Gold 5120 (14C/28T, 2.20 GHz) or higher
2	Chipset	Intel Chipset, Fully compatible with the processors.
3	Memory	8 x 32 GB
4	RAID Controller	SAS/ SATA RAID CONTROLLER with support up to RAID 0,1, 5.
5	Optical Drive	Internal DVD RW drive (internal /external)
6	HDD	2 x 2TB SAS (7.2K rpm or better)
7	Communication ports	1 x 1GigE; 1 x 10 Gigabit port, 2 USB ports
8	Form Factor	2U/ 4U Rack form factor with rail kits for 19" rack mount
9	Power Supply	n+n hot plug redundant power supplies
10	System Fans	Should support redundant fan system
11	Operating System	Open Source Linux
12	Warranty	3-Year Parts, 3-Year Labor, 3-Year Onsite OEM support with next business day response
13	Server cooling	Server should support Air cooling

Server specification – (Qty.-2)

S.no	Item	Description of Requirement
1	Processor	1 x Intel® Xeon Phi® processor 7230 or higher version with 64C, 1.30 GHz
2	Chipset	Intel Chipset, Fully compatible with the processors.
3	Memory	96 GB DDR4 Registered ECC 2400 MHz
4	HDD	2 x SATA/SAS/SSD Hard drive more than 400 GB in RAID 1
5	Communication ports	1 x 1GigE, 1 x 10 Gigabit SFP+ based port, 2 USB ports
6	Power Supply	Redundant hot swap power supply (N+1)
7	Fans	Redundant hot swap fans
8	Make / Model Name	The system should be quoted with BOM and part codes.
9	Form Factor	Rack mount Server / Chassis - 2U or better
10	Warranty	3 years OEM comprehensive onsite warranty. The OEM should have Service setup in India.
11	Operating System	Open Source Linux
12	System cooling	Server should be supported Air cooling

Storage: (Qty.-1)

S.no	Feature Requirements	Specification
1	**Architecture**	All the components should be redundant to avoid any single point of failure.
2	**Availability**	99.99%
3	**Number of Controllers**	Dual active controller with automated I/O path failover - active redundant hardware RAID controller, no storage server with internal disks / JBOD is not allowed. No software RAID is allowed
4	**Host interface**	Should have minimum of 8x10Gb iSCSI ports across dual controller.
5	**Drives Interface**	NL-SAS / SAS
6	**Cache capacity**	16 GB per controller or higher per controller
7	**Cache backup**	Cache should be mirrored and battery-backed-up /disk-destaged, to provide protection of data for 72 hours or more.
8	**RAID levels**	The storage should support 0, 1, 5, 6 and 10 RAID levels.
9	**Management Software**	Must include Storage Manager software, to centrally manage all Storage subsystems, Multi-path (Load Balancing & Failover), LUN masking and should Support RAID migration on to the vacant space available
10	**Disk Type Support**	Should support SSD, SAS, NL-SAS, 12 GBPs Drives in same enclosure.
11	**Number of disk drives**	It Should be scalable upto 180 no of HDD in same storage.
12	**Capacity**	Should be quoted with 100 TB of usable (Usable for Operating system) capacity on RAID 5. Hot spare drive will be extra
13	**Data Services**	Should include data Snapshot, Thin provisioning, Volume cloning or equivalent features for the offered capacity of the storage array. The proposed system should also include storage based replication software
14	**Power Management**	Should be able to spin down the drives not in use for better power management.
15	**Redundancies**	Should have redundant hardware Raid Controller, fan and Power supplies

Service SLA
Response time should be 4 hrs. Vendor/OEM should resolve and recovery on all hardware stacks in next Business day.
All accessories should be provided connectivity, rack mounting, SFP+ cables.
Minimum 8 Ports SAN switch 10G (ISCSI protocol supported) to connect all servers and storage with cables.

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 queries etc. related to Tender by 28-02-18 via email to ajay@iiitd.ac.in and chahan@iiitd.ac.in. The reply to clarifications sought or queries raised will be replied within 03 days by 3-03-18 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 and 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. 100% 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	SMP Server (Details as per above)	01	
2	Server Specification (Details as per above)	02	
3	Storage (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. *The Bider may obtain price in Forex (USD) however the quote in financial Bid should be INR only.* *If any documents are required for availing custom duty exemption, the IIITD will provide the same. Please quote price accordingly.*		
	Institute may purchase additional servers (Intel® Xeon Phi® processor, mention above S.No-2). Please quote the price accordingly. The Institute, however, is free to purchase additional note from any other source.		

* 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 16th March, 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)