



NATIONAL INTERNET EXCHANGE OF INDIA

6C 6D, 6E Hansalaya Building, 15 Barakhamba Road, New Delhi - 110001

BID SUBMISSION END DATE- 6th November 2020

TENDER DOCUMENT

FOR

“Purchase of two Servers for the purpose of creating route server at proposed NIXI POP (Point of presence) at Chennai & New Delhi”

BID DOCUMENT

Bids (Technical & Financial) from eligible vendors which are valid for a period of 90 days from the last date of submission are invited for **“Purchase of two Servers for the purpose of creating route server at proposed NIXI POP (Point of presence) at Chennai & New Delhi”**.

Below is the schedule of events

Name of Work	Purchase of two servers (Route server)
Bid Submission Start Date	26 th October, 2020
Last Date for bid submission	6 th November , 2020 (6 PM)

INSTRUCTION FOR TENDER BID SUBMISSION

The bidder shall required to submit the hardcopies of their bids (technical and financial bids in two separate envelopes) at NIXI office, address of which is mentioned in the first page of this document. They area also required to submit the soft copies through email at id’s abhishek.gautam@nixi.in and soumen@nixi.in. The bids should be signed and sealed by the approving authority and submitted in closed envelope at NIXI office.

Adequate measures should be taken by bidder for sanitizing the envelopes and person who will be delivering the envelopes.

ASSISTANCE TO BIDDERS:

Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the following email ids abhishek.gautam@nixi.in, soumen@nixi.in

INSTRUCTIONS FOR TENDER PROCESS

1. Last Date for Submission of Tender:

- a) Bids should be completed in all respects, must be submitted on or before the last date specified in the schedule of events.
- b) The NIXI may, at its own discretion, alter/extend the last date for submission of tenders.

2. Bid Validity

- a. All the bids (Technical and Financial) must be valid for a period of 90 days from the last date of submission of the tender for execution of Contract.
- b. In exceptional circumstances, prior to expiry of the original time limit, the NIXI may request the bidders to extend the period of validity for a specified additional period beyond the original validity of 90 days. The request and the bidders' responses shall be made in writing. The bidders, not agreeing for such extensions will be allowed to withdraw their bids.

3. Manufacturer's Authorization form (MAF)

- a. Submission of MAF (Manufacturer's Authorization form) / Dealership Certificate is mandatory for the participating bidder. In the absence of MAF/Dealership Certificate, the bid will be rejected.

4. Modification / Substitution/ Withdrawal of bids:

- a) No Bid shall be modified, substituted or withdrawn by the Bidder after the Bid's due Date.
- b) Any alteration/modification in the bid or additional information supplied subsequent to the bid's due Date, unless the same has been expressly sought for by the Authority, shall be disregarded.

5. Rejection of the Bid: The bid submitted shall become invalid if:-

- c) The bidder is found ineligible.
- d) The bidder does not provide all the documents as stipulated in the bid document.

Terms and Conditions:

- a) All equipment must be compatible with Indian electrical standards and codes. Engineering documentation on the physical sizes and weights of all major and minor components must be submitted.
- b) Warranty & Support: Three years comprehensive on-site for Hardware and software from OEM or vendor directly. The OEM or vendor shall install the OS (Operating system) software required by NIXI at the time of installation. Issues like bug in the OS or software will be taken care by OEM or vendor. Service center must be located in Delhi.
- c) The NIXI reserves the right of accepting or rejecting any quotations without assigning any reason there of.
- d) Installation by OEM or Vendor is mandatory.

Hardware and software specifications of the Servers:

1. Servers hardware specification which will act as "Route servers" (Quantity - 2):

Specs Parameter	Description	Compliance (Yes/No)
Form Factor/Height	1U rack server	
Chassis	2.5" Chassis with 8 bays	
Processors Option	Up to 2 second-generation Intel® Xeon® Platinum Or, Silver processors, up to 125W	
Processor to be populated with	Intel Xeon Silver 4208 8C 85W 2.1GHz Processor x 1	
Memory Slots	Up to 768GB in 12x slots, using 64GB DIMMs; 2666MHz / 2933MHz TruDDR4	
Memory	16 GB TruDDR4 2933MHz RAM x 2	
Expansion Slots	Up to 3x PCIe (with 2x processors) via multiple riser options	
Drive Bays	Up to 8 x hot-swap 2.5" with support for AnyBay / SAS or, SATA	
Storage HDD	2.5" 600GB 10K SAS 12Gb Hot Swap 512n HDD x 8 Nos. (4.8 TB Total) / 2.5" 1.2 TB 10K SAS 12Gb Hot Swap 512n HDD x 4 Nos. (4.8 TB Total)	
RAID Support	Software RAID standard. HW RAID with flash cache (RAID 0,1,5)	
RAID Card	System should be supplied with RAID Card (PCIe 12Gb Adapter x 1 No.)	
Ethernet Adapter	Broadcom 5720 1GbE RJ45 2-Port PCIe Ethernet Adapter x 1 No.	
Jumper Cords	2.8m, 13A/100-250V, C13 to C14 Jumper Cord x 2 Nos.	
Security and Availability Features	TPM 1.2/2.0; PFA; Hot-swap/redundant drives and PSUs; front-access diagnostics via dedicated USB port; optional redundant cooling	
Network Interface	2x 1GbE ports + 1x dedicated 1GbE management port (std) + 1Gb 1-Port SFP Ethernet Adapter	
Power	2x hot-swap/redundant 550W/750W 80 PLUS Platinum; or 750W 80 PLUS Titanium	
Energy Star Rating	2.1 or, better	
OSes Supported	Microsoft, SUSE, Red Hat, Ubuntu, Vmware	
OS	System should be supplied with Linux OS	

2. Servers software and warranty with support specification (Quantity - 2):

Software Parameter	Description	Compliance (Yes/No)
OS	Linux OS Supply, Installation & Commissioning with Server Hardware	
VMWare Option	VMware vSphere 6 or, 7 Standard for 1 Processor w/3Yr Support	
Management Software	All software related to system management & Remote management for server to be supplied	
Warranty	3 year onsite -4 hour response support	
Installation	Server hardware and software should be installed by the bidder	

Payments terms and conditions for server tender (Delhi and Chennai POP):

75 % after delivery of equipment, 20% after successful installation and commissioning of equipment . 5% amount of tender will be retained by NIXI for one year. This amount is performance bank guarantee which will be returned after one year.