Malaviya National Institute of Technology, Jaipur

Notice for Inviting Quotations by Limited Tenders

Project: SWARD -Secure next-generation Wireless Access RaDio technology for smart cities in India

Submission due: December 7, 2019 (03:00pm) at Central Stores, MNIT Jaipur

Dated: 22/11/2019

Inviting Quotations for Procurement for **Sensors, and Equipment's** for DST Project: **SWARD -Secure next-generation Wireless Access RaDio technology for smart cities in India**.

All the qualified OEM or authorized distributors are requested to submit (in sealed envelope) the quotations for Sensors, and Equipment's for DST Project: **SWARD -Secure next-generation Wireless Access RaDio technology for smart cities in India"** at Computer Science and Engineering. Department, as per specifications and compliance statement of Annexure–I,to XLVI.

Quotations must be submitted with the following:

1. Compliance statement for the equipment quoted as per Annexure – I format with quoted OEM brand and model number.
2. **EMD of Rs. 3500/-** in the name of Registrar, MNIT, Jaipur payable at Jaipur.
3. Proof that you are OEM/Authorized distributor of quoted products. (proof of the same may be attached with the quotation)
4. Educational discount details if provided for the product.
5. FOR MNIT, Jaipur pricing including the clear division of Basic price, discounts, taxes applicable, entry charges and total price FOR, MNIT, Jaipur.
6. Quoted price shall include 3 years warranty for hardware.
7. Successful bidder shall provide a bank guarantee of 10% of quoted value for the warranty period.

Sealed quotations (**Sealed Envelope must be super scripted "Project: SWARD -Secure next-generation Wireless Access RaDio technology for smart cities in India" (Computer Engineering.)"** with requisite documents and EMD must be sent to:

Assistant Registrar (S&P),
Central Stores
Malaviya National Institute of Technology
JLN Marg
Jaipur – 302017

The sealed quotations must reach at the above address **on or before 3:00pm, December 7, 2019**. The quotations shall be opened on the same day in front of the committee and the vendors at **04:00pm, December 7, 2019.**

Assistant Registrar (S&P)
MNIT, Jaipur
Phone: 0141-2713312, Fax: 01412529029, 01412529154

Annexure - I

Specifications for Equipment: Cloud Database Kit: 01			
Quoted Brand			
Model Number (Attach Detailed Information Brochure)			
	Cloud Database Kit		
Item	**Description of Requirement**	**Compliance**	**Remarks**
System Architecture	Cloud Infrastructure with 10GigE (RJ45) or better interconnect.		
NIC	2 x 1Gig RJ-45 , 1 x dedicated management port per node		
Nodes	Three units of Converged Cloud nodes and two units of infrastructure nodes		
Processor Architecture	Infrastructure Node- 1 x Intel Scalable latest processors series (Intel Xeon series or better) or equivalent running at 1.9 GHz or higher (Single physical processor, each having 6-cores or higher) Intel Scalable latest processors series (Intel Xeon series or better) or equivalent running at 2.1 GHz or higher (Two physical processors, each having 8-cores or higher).		
Memory	Per Cloud node memory desired is 64 GB or more (DDR4).		
Interconnect	Dual 10Gigabit (RJ45) backward compatible Ethernet with 1000Base-T		
Communication network Cables	Appropriate and sufficient networking cables are included for connecting various components		
Operating system	Linux based 64-bit OS with support for NIS/LDAP, NFS, SDR and SDN		
Local storage	Infrastructure Cloud Node : 1 x 240GB Enterprise SSD-(2 Drive Writes Per Day or more), 2 x 4TB, 7200RPM SATA HDDs Converged Cloud Node : 1 x 480GB MLC/TLC SATA SSDs (endurance 2 Drive Writes Per Day or higher), 2 x 4TB Enterprise SATA HDDs as RAID1 free bays for expansion to 4 HDDs/SSDs.		
1G Ethernet Communication	Layer 2 -16 port or more Gigabit Switch with rack mount kits with IPMI Network support		
TOR Switches Network	Layer 2 or better Switch –1 units or more , - 8-port (or higher)10Gigabit (RJ45) 10G Base-T Ports based Ethernet Switch with out of band management , VLAN Support , rack-mounting kit.		
RAS features	All nodes must have redundant power supplies (80 Plus Certified) and fan units.		
Form Factor	Infrastructure Node- 2U or lower Converged Cloud Node- 2U or lower (including JBOD if any)		