Devi Ahilya Vishwavidyalaya, Indore
IT Center

Addendum to Tender Document No. DAVV/ITC/SERVER/2018-19/1 and Tender ID No. 2019_DAVV_1954_1
ITEM: Server with storage and virtualization software

The following modifications in the tender document are based on outcome of pre-bid meeting held on 17th January 2019 at DAVV office, RNT Marg, Indore. Following points will supersede on the respective position of original tender document:

Sno.	RFP Page No.	Section of Tender Doc.	Clause	Query	Query Reply
1.	23	2. Eligibility Criteria (a)	Company Turnover: Minimum Turnover Rs. 20. Crore for last three years i.e. 2015-16,2016-2017,2017-2018	We are NSIC registered vender and as per NSIC policy vendors get turnover exemption for bidding in tender. Hence we request to modify this clause by 5 Cr. For NSIC registered.	Minimum Turnover Rs. 10 Crore per financial year in last three years (2015-16, 2016-17, 2017-18)
2.	24	J (2) Migration of DAVV existing applications and services	Migration of existing DAVV network and in-house application services on HCI server. There are about 14 services running. Ex. Web service, LDAP authentication, DNS, E-mail, digital library etc. the bidder will have to ensure successful migration of these services on the new server	More elaboration is requested in migration of existing DAVV network and in-house application services on HCI server.	Migration of existing DAVV network and in-house application services on HCI server. There are about 14 services running. Viz. Web service, LDAP, E-mail, DHCP, Caching DNS, External DNS, Mat Lab, Cadence, digital library, Research compendium, User management, MIS services, File tracking, and Sys Log . The bidder will have to ensure successful migration of these services on the new server.

3.		Payment Conditions		Payment details not mentioned in tender document.	Details Payment (% of total cost) (i) Hardware delivery and power on installation. - 80% (ii) Successful installation of OS and Virtualization software. - 10 % (iii) Training and Migration of DAVV Application and services. - 10%
4.	25	Penalty Provisions	Any fault should be attended immediately and must be set right within 24 hours. Failure to maintain above deadline would result in a penalty of Rs. 1000/- per hour.	Service support details is not mentioned. Penalty is too high	(i) Service support for Virtualization related issues – 24 X 7 basis. (ii) Support for Hardware related issue - NBD Failure to maintain above deadline would result in a penalty of Rs. 1000/day.
5.	25	General Terms & Condition.(4)	The bidder must be registered with the Provident Fund, ESI, and Sales Tax/Central Sales Tax and Service Tax department and should have PAN/TAN from Income Tax Department.	Please remove Sales Tax/Central Sales Tax and Service Tax.	The bidder must be registered with the Provident Fund, ESI, and GST and should have PAN/TAN from Income Tax Department
6.	**12**	B. TOR Switch (1) Architecture	At least 1440 Gbps Switching Capacity. Have switching throughput up to 1070 million pps	For wire rate performance 24X10= 240X2= 480 performance for wire rate which is 450 MPPS	Minimum 800Gbps switching capacity with minimum 550mpps
7.	12		MAC Address table size of 280,000 entries	Kindly allow250,000 MAC address as 280,000 will other leading OEM's to participate	MAC Address table size of minimum 250,000 entries
7.	13	(B) TOR Switch (3) Data Center Optimization	The switch should support up to six switches can be combined to deliver unmatched scalability of virtualized access layer switches and flatter	Kindly remove this point as its specific to one OEM. SDN fabric and spine leaf architecture can provide	The switch should support min. four switches, which can be combined to deliver unmatched scalability of virtualized access layer switches and flatter two-tier networks

			two-tier networks and switch should support single IP management up to six Switch	Single IP Management for multiple switches which is already asked in the specifications more over data center switches provide multi chassis LAG and VLT.	and switch should support single IP management
8.	13		The Switch should support TRILL, SPB and EVB/VEPA	Asked Specifications are specific to OEM's. Kindly remove for leading data Center switching OEM's to participate	Removed
9.	14		The Switch should support VXLAN Layer 2 and Layer 3 gateway support for up to 4k tunnels	Kindly allow 1000 tunnels for VXLAN as asked figures are very high for 24 port 10 Gig Switches	The Switch should support VXLAN Layer 2 and Layer 3 gateway support for up to 1000 tunnels
10.	14		The Switch should support OVSDB for dynamic VXLAN configuration	Open Switch Database Management Protocol (OVSDB) is required with SDN controller for communication between virtual Nics. Kindly remove this clause as its part of virtualization software.	As per tender document
11.	14	(B) TOR Switch (4) Manageability	The Switch should support ISSU and hot patching	IISU technology is specific to one OEM. Kindly ask for ISSU or Hot patching for leading OEM's to participate	As per tender document
12.	15	(B) TOR Switch (5) Resilience And High Availability	The Switch should support Device Link Detection Protocol (DLDP)	Kindly ask for equivalent feature as DLDP is not a standard protocol	The Switch should support Device Link Detection Protocol (DLDP) or equivalent protocol .
13.	16	(B) TOR Switch (7) Layer 3 Services	The Switch should support for Connectivity Fault Management (IEEE 802.1AG) and Ethernet in the	Connectivity Fault Management (IEEE 802.1AG) and Ethernet in the First Mile	As per tender document.

			First Mile (IEEE 802.3AH); provides additional monitoring that can be used for fast fault detection and recovery	(IEEE 802.3AH) feature required in carrier grade switches used for metro Ethernet network, fiber backbone etc. Kindly remove this feature as its not relavent to data center switching.	
14.	16	(B) TOR Switch (9) Layer 3 IPv4 Routing	The Switch should support static routes, RIP and RIPv2, OSPF, BGP, and IS-IS	OSPF and BGP is used for data center networking in place of IS-isv6 which majorly used in router in ISP network. Kindly remove .	As per tender document.
15.	16	(B) TOR Switch (9) Layer 3 IPv4 Routing	Intermediate system to intermediate system (IS-IS)	OSPF and BGP is used for data center networking in place of IS-isv6 which majorly used in router in ISP network. Kindly remove .	As per tender document.
16.	17	(B) TOR Switch (9) Layer 3 IPv4 Routing	The Switch should support Routing Information Protocol next generation (RIPng) extends RIPv2 to support IPv6 addressing	RIPng is an Obsolet protocol and OSPFv3 is used instead of RIPng for faster convergence and scalibility. Kindly remove.	As per tender document.
17.	17	(B) TOR Switch (9) Layer 3 IPv4 Routing	The Switch should support OSPF support for IPv6, BGP-4 to support Multiprotocol BGP (MBGP), including support for IPv6 addressing, IS-IS for IPv6	OSPFv3 and BGPv4 is used for data center networkingin place of IS-iSv6 which is majorly used in router in ISP network. Kindly modify clause as " The switch should Static Routing, RIPng/ OSPFv3/ BGP4+ for IPV6/ IS-ISv6"	As per tender document.
18.	17	(B) TOR Switch (10) Layer 3 IPv6 Routing	The Switch should static routing, RIPng, OSPFv3, BGP4+ for IPv6, and IS-ISv6	RIPng is an Obsolete protocol and OSPFv3 is used instead of RIPng for faster convergence and scalability. OSPFv3 and	As per tender document.

				BGPv4 is used for data center networking in place of IS-iSv6 which is majorly used in router in ISP network. Kindly modify clause as " The switch should Static Routing, RIPng/ OSPFv3/ BGP4+ for IPV6/ IS-ISv6".	
19.	17	(B) TOR Switch (11) Management	The Switch Should Support Dual Flash images	Kindly clarify dual flash images stand for? Our understanding Flash can store multiple configuration file for switch to boot with. Kindly Confirm.	The Switch Should Support Dual Flash images (two softwares in flash memory)

The revised schedule is given below:

(i) Last date for submission of Tender: 4th February, 2019 up to 16:00 Hrs.

(ii) Opening of Technical bid: 5th February, 2019 at 16:00 Hrs.

(iii) Opening of Financial bid: 9th February, 2019 at 16:00 Hrs.

---------- ---------- ---------- ----------