Request for Proposal (RFP)

Request for Proposal (RFP)

SERVER CONSOLIDATION & HARDWARE REFRESH

SBI Capital Markets Ltd

Ref: RFP no. CO/IT/2327

Date: 31-Jan-2024

Revised RFP Date: - 12-Feb-2024

Corrigendum & Addendum No. 2 dated 21st February 2024

Tentative Factsheet for Tender Submission

Item	Description
Date of RFP issuance	31-Jan-2024
Last date and time for Bid/Proposal submission (on or before)	29-Feb-24 Technical Bod To be submitted on eTender Platform and physical copy to be dispatch same day to SBICAPS BKC office.
Reverse Auction (Tentative)	05-Mar-24

Main RFP Document

Changes are highlighted in Yellow Color for better understanding in Annexure-B

Sr. No.	Section in RFP	Reference # in RFP	Modified Clause/ Details	Remarks
1	Annexure-D	SLA	In case of Hardware Failure may be supported as follows: -	
			Server & Storage *24 x 7* *Switch-* *NBD* *Firewall* *24 x 7*	

Technical Specification Annexure-B

Sr. No.	Reference # in RFP	Modified Clause/ Details	Remark
		DC switch	
1	Network Switch	Each Switch will have 25 nos. 1000 BASE-T SFP transceiver module for Category 5 copper wire & 10 nos. of 10 GBASE-SR SFP Module, Enterprise-Class (Total 50 nos. 1G and Total 20 Nos. SFP+) 48 1/10/25Gbps SFP28 ports, and 6 x 40/100Gbps QSFP28 Port 40/100 Gbps DAC Cable for vPC. 1 no. for each Switch, total quantity 2 nos.	Modular Switch to be quoted.
2.		Switch shall have minimum 1.36 Tbps of Bandwidth and 1.2 Bpps of forwarding rate. Switch shall have minimum 147K MAC Addresses and 1024 VLAN. Should support minimum 24K IPv4 routes or more and 12k IPv6 routes or more. Switch shall have 4096 or more multicast routes. Switch should support 256 VRF or more Virtual Routing and Forwarding (VRF) instances. Switch should have 32MB or more system buffer.	Changes in performance requirements

		Should have advance Layer 3 protocol like BGPv4/BGPv6 , MPLS, VXLAN, OSPFv3, MP-BGP from Day1.	
		Switch shall confirm to EN 60950-1 Second Edition, IEC 60950-1 Second Edition and UL 60950-1 Second Edition for Safety requirements of Information Technology Equipment. Switch shall conform to EN55022 Class A, EN55024,CISPR24	Change in criteria from essential to desirable.

		Compute DC	
1	Compute-DC	2Nos x 10G Base-T Dual Port CARD in HA, 4 x 1G Port	Total 4 nos. of 10 G connection required for backup to process from other NIC.
2	Compute-DC	512 GB and above DDR5 Registered DIMM operating at min. 4400 MT/s or above and should support scalability up to 2.0 TB. Server should have 32 DIMM slots.	
		HCI	
2	Processor	Each server node shall be configured with minimum 2 X Intel Xeon Gold 6430 (60M Cache, 32 C, 2.1GHz) (total 64 cores per server) with 512 GB (+Overheads addl.) DDR5 Registered DIMM operating at min 4400 MT/s or above and should support scalability up to 2.0 TB. Server should have 32 DIMM slots along with **2Nos. Dual port x 10G/25 GB SFP+ with autosensing to 10 GB, 4 x 1G Port**	Typo error in Corrigendum 1 for processor specifications. Additionally, SFP+ transceiver total 4 nos. to be given of 10 GB speed for VMs and other pair for backup.