Request

for

Proposal

Backup Solution

For

Jamia Hamdard

Last Date of Submission: 10.05.2023

Till 3.30 P.M

ABOUT Jamia Hamdard.

The history of Jamia Hamdard begins with the establishment of a small Unani clinic in the year 1906 by Hakeem Hafiz Abdul Majeed, one of the well-known practitioners of Unani System of Medicine of his time. Hakeem Hafiz Abdul Majeed had a vision of making the practice of Unani Medicine into a scientific discipline so that Unani medicines could be dispensed in a more efficacious manner to patients. He gave the name "Hamdard" to his venture which means "sympathy for all and sharing of pain". His illustrious son, Hakeem Abdul Hameed, carried forward the philosophy and objectives of Hamdard in independent India. Even at the time of partition of India in 1947, Hakeem Abdul Hameed was dreaming of setting up a complex of educational institutions which would concentrate on highlighting the contribution of Islam and Islamic culture to Indian civilization and development of Unani medicines for curing diseases.

Requirement Background

Jamia Hamdard is using VMware Cluster with 5 Nodes and 2 Nodes for internal Applications, DB, Web Portals, Domain Controllers File Servers etc. (approx. 50 VMs) which need to protect by the backup solution.

Jamia Hamdard seeking the Backup solution to take the backup of the Running VMs, database, Applications and Data of their VMware VMs Infra.

Jamia is looking for Backup for VMs with database with one copy Disk and other copy on Secondary Storage on another location. Current Raw data size is 45 TB.

Vendor Need to Factor Backup Server /VM Cost, Storage appliance and Secondary Storage with Implementation services and Support.

Solutions Approach

On Premise Backup solution with Storage Appliance (Disk to Disk Backup) and Tape Autoloader with Backup Software

Storage Appliance (Disk to Disk):
The Storage Appliance will have a usable capacity of Min 56 TB usable with expandable capacity 200TB capacity. The storage appliance should have a De-Duplication feature with which give Standard can dedupe ratio of at least 20:1. It should have Encryption features it should have a capability to protect Backup copies against Ransomware Attacks. Support -5 Year

Secondary Storage
Secondary Storage with 10 G -Dual Controller with 84 TB Capacity, Approx. 70 TB Usable (RAID 5). 5 Year NBD Support
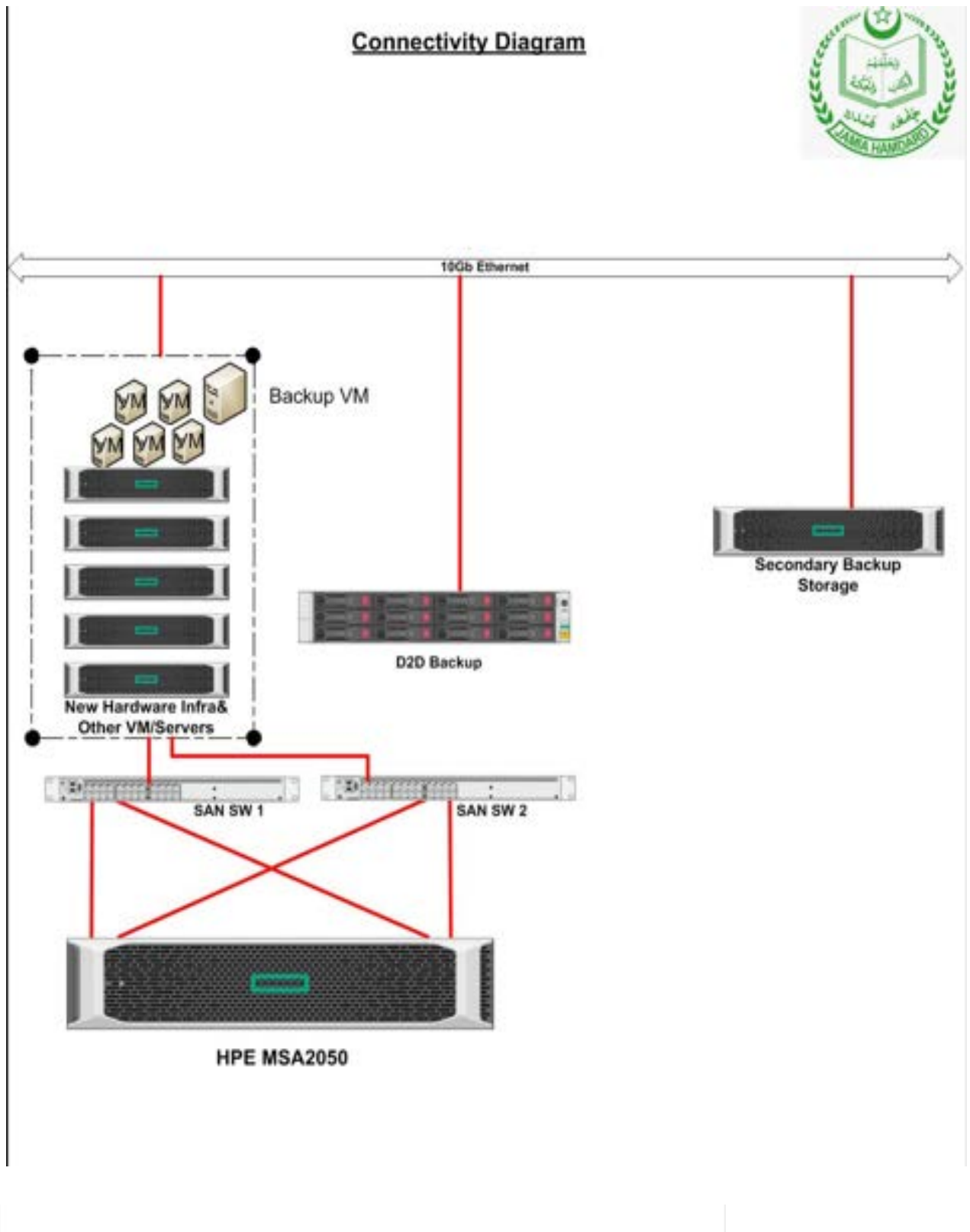
Backup Server:

The Backup Server should have two with 8 core Processors with 2.8 GHz, 64 GB RAM, 2 qty - 960 GB SSD discs for OS/Apps and 3 Qty SATA Disks with 4TB each. It should 5 Year 24*7 support. Windows Server Standard -16 Core License

Backup Software:

Backup solution should Backup VM's and Database on Disk and with option of tape out on Autoloader. This should be Subscription based prices with 1 year with 24*7 Support.

Network Diagram:

Connectivity Diagram

10Gb Ethernet

Backup VM

New Hardware Infra&
Other VM/Servers

D2D Backup

Secondary Backup
Storage

SAN SW 1

SAN SW 2

HPE MSA2050

Bill of Material / Specifications

1) Backup Server :

2U Rack Server- 2 x 8Core (2.8Ghz) Processor , 64GB RAM, 2 x 960GB SSD (OS/APP), 3 x 4TB HDD, Dual Port 10G FC Eth Adptr, Dual Pwr Supply or better, 5Y 24/7 Support, Windows Server 16 Core – license .

2) **3) Storage Appliance (Disk to Disk)/ Primary Storage**

The Storage Appliance will have a usable capacity of Min 56 TB usable with expandable capacity 200TB capacity. The storage appliance should have a De-Duplication feature with which give Standard can dedupe ratio of at least 20:1. It should have Encryption features it should have a capability to protect Backup copies against **Ransomware** Attacks. Support -5 Year or better

2)Secondary Storage :

Secondary Storage with 10 G -Dual Controller with 84 TB Capacity, Approx. 70 TB Usable (RAID 5) or better 5 Year NBD Support

4) Backup Software:

Veeam Backup & Replication Universal Subscription-3year subscription (10 VM Pack) - 5 Qty With 24*7 Support

5) One Time Implementation and 1 Year Support Services

Vendor to Provide one time implementation for Hardware, Backup Software Policy setup, one time Data backup with 1 Year Support services @ Site.

Performance Qualification Criteria

- The Bidder should be either a firm or a company registered under Companies Act, 1956 or 2013 in India and should have been in operation in India for at least last 10 years as on the date of submission of the bid.

- The Bidder should have highest Partnership with Appliance Vendor/OEM. Proof needs to be submitted along with Submission.

- Primary Storage, Secondary Storage should be from Single vendor.

- Only bids of those bidders shall be considered who will submit bids against all the line items of the BOQ of this tender.

- Incomplete bids in any respect shall be summarily rejected.

- Storage Appliance (Primary Storage) should have Encryption features and it should have a capability to protect Backup copies against Ransomware Attacks.

- Bidder to have Certified Backup Resources on-rolls.

- Backup OEM, Storage Appliance to be present in India for more than 10 Years.

- Bidder to share Manufacturer Authorization (MAF) from the respective OEM.

- Bidder should have prior experience of executing IT Infra /Services orders in Academic Institutions/ Govt Research Institutes/Universities/PSU/State or Central Govt Organization. 3 Work Orders needed of any value to be submitted.

- The Bidder should have satisfactorily completed Single work orders each of similar type of work costing not less than Rs. 25 Lakh.

- The Bidder should have an average annual turnover of at least INR 15 Crore from IT during last 3 years with net profit and positive net worth.

- The bidder should be a certified ISO 9000/9001 and ISO 27001-2013 and CMMI3 (Existing/Under Renewal) certified company. Relevant Organizational Level Certificates to be provided.

- The bidder shall be a registered support office in Delhi/NCR.

- The firm should be a profit-making concern for each of the last three consecutive financial years (FY 2020-21, 2020-21 & 2021-22).

COMMERCIAL PROPOSAL

Jamia Hamdard	
Services Details (Higher/better configuration may also be proposed)	Budgetary Price (INR)
Backup Server : 2 x 8Core (2.8Ghz) Processor , 64GB RAM, 2 x 960GB SSD (OS/APP), 3 x 4TB HDD, Dual Port 10G FC Eth Adapter, Dual PW Supply or better 5Y 24/7 Support/ Windows Server 2022 16 Core	
Storage Appliance: 80TB Base System (2U) with (56TB Usable), 5 year Support – The storage appliance should have a De-Duplication feature with which can give Standard dedupe ratio of at least 20:1. It should have Encryption features It should have a capability to protect Backup copies against Ransomware Attacks	
Secondary Storage: Secondary Storage with 10 G -Dual Controller with 84 TB Capacity, Approx. 70 TB Usable (RAID 5). 5 Year NBD Support	
Backup Software : Veeam Backup and Replication with 24*7 Support-3 year Subscription	
Services: One Time Implementation and 1 Year Support @ Site	
TOTAL (INR) Without taxes	

Terms & Conditions:
1) Taxes extra as applicable (GST)

2) Delivery : Server Hardware -4 to 6 Weeks, Software : 1-2 Weeks
3) Payment after successful implementation of the supplied hardware & software.