

Government
eProcurement
System

Government eProcurement System

Published Corrigendum Details

Date : 10-Apr-2018 04:58 PM

Print

Organisation Chain :	Council of Scientific and Industrial Research CDRI-Lucknow - CSIR Purchase-CDRI - CSIR
Tender ID :	2018_CSIR_9356_1
Tender Ref No :	2017-18/IND53807/Mahesh/151
Tender Title :	NAS Storage, Tape Library, Backup software
Corrigendum Type :	Date

Corrigendum:1

Corrigendum Title	Corrigendum Description	Published Date	Document Name	Doc Size(in KB)
Extension of Date	Date of submission of bid has been extended upto 23.04.2018	10-Apr-2018 04:57 PM	corrigendumNASdate.pdf	92.64




Critical Dates

Publish Date	22-Mar-2018 01:00 PM	Bid Opening Date	25-Apr-2018 09:00 AM
Document Download/Sale Start Date	22-Mar-2018 01:10 PM	Document Download/Sale End Date	23-Apr-2018 06:00 PM
Clarification Start Date	22-Mar-2018 01:20 PM	Clarification End Date	02-Apr-2018 09:00 AM
Bid Submission Start Date	03-Apr-2018 09:00 AM	Bid Submission End Date	23-Apr-2018 06:00 PM

Details Before Corrigendum

Critical Dates

Publish Date	22-Mar-2018 01:00 PM	Bid Opening Date	18-Apr-2018 09:00 AM
Document Download/Sale Start Date	22-Mar-2018 01:10 PM	Document Download/Sale End Date	16-Apr-2018 06:00 PM
Clarification Start Date	22-Mar-2018 01:20 PM	Clarification End Date	02-Apr-2018 09:00 AM
Bid Submission Start Date	03-Apr-2018 09:00 AM	Bid Submission End Date	16-Apr-2018 06:00 PM

Government eProcurement System		Government eProcurement System			
Published Corrigendum Details		Date : 10-Apr-2018 04:40 PM			
	Government eProcurement System	 Print			
Organisation Chain :	Council of Scientific and Industrial Research CDRI-Lucknow - CSIR Purchase-CDRI - CSIR				
Tender ID :	2018_CSIR_9356_1				
Tender Ref No :	2017-18/IND53807/Mahesh/151				
Tender Title :	NAS Storage, Tape Library, Backup software				
Corrigendum Type :	Technical Bid				
Corrigendum Document Details					
Corr.No.	Corrigendum Title	Corrigendum Description	Published Date	Document Name	Doc Size(in KB)
1	Revised specification	Revised technical specification of item	10-Apr-2018 04:39 PM	Revised_Spec_NAS2018.pdf 	243.10

SPECIFICATION FOR NETWORK ATTACHED STORAGE (NAS)				
TO BE FILLED BY BIDDER				
S.No.	Features	Qualifying Minimum Requirements	Compliance (Yes/No)	Specifications offered by vendor
1	No. of Storage Units	1		
2	Make Offered			
3	Model Offered			
4	Rack mount	NAS Controller Should be rack mounted with a form factor of not more than 2U		Pl. specify:
5	Processor	One hex Core Intel Xeon E5 V3 1.9 GHz or higher. Processor shall have minimum of 15MB L3 cache. Shall be further scalable to at-least one more additional hex core processor.		Pl. specify:
6	Memory	16GB DDR4 RAM or higher, scalable to 96GB DDR4 RAM		Pl. specify:
7	Hard Drives	Shall be supplied with minimum 20TB usable space using SAS Hard drives in Raid 5 for data storage. Offered NAS Storage shall have separate dedicated drives for Operating system		Pl. specify: Pl. specify:
8	Storage expandability	Shall have more than 100TB external disk scalability using SAS / SAS-NL drives by providing associated hardware whenever required.		Pl. specify:
9	Network Connectivity	Min. 4 X 1Gbps auto sensing NICs ports and shall be further scalable to additional 4 numbers of 10Gbps ethernet port.		Pl. specify:
10	Protocols support	TCP/IP, ISCSI, FTP, CIFS, HTTP, NFS 4, WebDev etc.		Pl. specify:
11	Fault Tolerance	Offered NAS shall support Raid 0, Raid 1, Raid 1+0, Raid 5 and Raid 6 for additional disk enclosure. Raid controller shall have minimum of 2GB flash back write cache.		Pl. specify:
12	Network Client Types Support	Should support Windows 8, Windows 2008, 2012, 2016 ,Linux etc.		Pl. specify:
13	Manageability	Advanced interface with following 1. Common interface for NAS management tasks like CIFS, NFS, Volume Management etc. 2. Remote management 3. Common interface for Multi NAS management from a single console.		Pl. specify:
14	Operating System	Microsoft Storage Server - 64 bit edition (NAS optimized) including powered OS drivers		Pl. specify:

15	De-duplication	<p>Offered NAS shall have block based De-duplication which can be enabled for all required volumes. De-duplication engine shall have:</p> <ol style="list-style-type: none"> 1. Flexibility to decide the multiple schedules when de-duplication process can be run. 2. Flexibility to limit the time period of de-duplication process so that production operations remains intact. 3. Flexibility to bypass the recent files under the de-duplication process so that production operations remains intact. 4. License for De-duplication shall be provided. 		Pl. specify:
16	File screening and quota management	<ol style="list-style-type: none"> 1. Offered NAS shall have support for file screening so that administrator can ensure that users shall not be able to store unwanted files on offered NAS device. 2. Offered NAS shall have Quota management for both Volume and Directory. 3. Software for both File screening as well as Quota management shall be provided. 		Pl. specify:
17	File Management	<ol style="list-style-type: none"> 1. Shall have flexibility to expire or move files to different folder / Location / Volumes / drives on the basis of policies like day of creation / modification / access of on the basis of file pattern like extension. 2. Shall also be able to expire or move files to different folder / Location / Volumes / Drives on the basis of content classification within files. 		Pl. specify:
18	SAN storage (iSCSI based)	Integrated iSCSI for block access over LAN.		Pl. specify:
19	Snapshots	Point in time copies of your data to guard against data corruption.		Pl. specify:
20	Encryption and compression	Shall have support for encryption and Compression. License for both of same shall be offered.		Pl. specify:
21	Replication	Offered NAS shall also be offered with replication License for Disaster recovery.		Pl. specify:
22	HBA	Dual Port FC HBA		Pl. specify
23	Power Supply and FAN	Offered NAS shall also have Hot Plug redundant power supply and FAN		Pl. specify:
24	Warranty	Offered NAS should be bundled with 3 years of Comprehensive Onsite Warranty with 24x7 Response		Pl. specify:

SPECIFICATION FOR TAPE LIBRARY				
TO BE FILLED BY BIDDER				
S.No.	Features	Qualifying Minimum Requirements	Compliance(Yes/No)	Specifications offered by vendor
1	Make Offered			
2	Model Offered			
3	Drive Technology	LTO-7 Ultrium 15000 or better		Pl. specify:
4	Number of Installed Drives	1		Pl. specify:
5	Maximum Number of Drives	Up to 2		Pl. specify:
6	Number of Slots	24		Pl. specify:
7	Drive Interface	8 Gb Native Fibre Channel		Pl. specify:
8	Maximum Capacity Native	144 TB or better		Pl. specify:
9	Maximum Capacity Compressed (2.5:1)	360 TB or better		Pl. specify:
10	Maximum Capacity Compressed (2:1)	288TB or better		Pl. specify:
11	Maximum Native Transfer Rate	2 TB/hr with 2 Drives or better		Pl. specify:
12	MSBF (mean swaps between failures)	2 Million robot load/unload cycles		Pl. specify:
13	MTBF (mean time between failures)	100,000 hours (based on 1M MSBF)		Pl. specify:
14	Average Cartridge Swap Time (drive to slot, slot to drive)	45 Seconds or better		Pl. specify:
15	Initialization Time	Less than 150 seconds		Pl. specify:
16	Inventory Time	1:20 minutes or better (using bar code labelled cartridges)		Pl. specify:
17	Connectors	LC Optical Fibre (1)RJ-45 Ethernet (1) USB port		Pl. specify:
18	Management Interface	10/100 Mbits/second, auto-configuring interface. RJ-45 connection. Https configurable.		Pl. specify:
19	Number of Cartridges	Must be supplied with 8 Nos. of Maximum capacity LTO Cartridges supported by quoted drive		Pl. specify:
20	Host Bus Adaptor	Tape Library must be supplied with Fiber Channel Host Bus Adaptor and cable to connect the library to Network Attached Storage		Pl. specify:

21	Warranty	Offered Tape Library should be bundled with 3 years of Comprehensive Onsite Warranty with 24x7 Response	Pl. specify:
----	-----------------	---	--------------

SPECIFICATION FOR Desktop/Server Backup Software for 200 Users

TO BE FILLED BY BIDDER

SrNo	Features	Compliance (Yes/No)	Specifications offered by vendor
1	Software provided should be capable of taking full, incremental, differential and synthetic backup, Necessary licence for the software should be provided.		
2	The Software should have a capability to define Policies centrally based on Business requirements. E.g. What Data to be backed up, where to store the Data, Retention period & Number of versions		
3	The software should be flexible and configurable to adapt to organization's backup policy.		
4	The Backup Software shall provide LAN based data backup		
5	The Backup Software shall provide web / Java based client interface, which can be accessed from any location. The Backup Software shall provide web / Java based client interface, which can be accessed from any location		
6	The software should provide a provision to restore the full backup from multiple incremental backup of file systems. This process should also take care of deleted files during the process of multiple incremental backup.		
7	The software should allow have the capability to restore the complete client data locally in case of Backup server not available.		
8	Proposed software must support desktop backup, server backup and NDMP backup		
9	Backup software must support end user to monitor and control backup jobs from their laptop.		
10	Software should be compatible with NAS and Tape Library		

11	The offered software must be in Gartner Leaders Quadrant from last three years.		
12	5 Years support for quoted software		