

### Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 16:00:00
Bid Opening Date/Time	24-07-2020 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Finance
Department Name	Department Of Financial Services
Organisation Name	N/a
Office Name	3rd Floor, Jeevan Deep Building, Parliament Street, New Delhi / Central Zone
Total Quantity	1
Item Category	Storage System
Bidder Turnover (Last 3 Years)	8 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Inspection Required	No

### EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	32000

### ePBG Detail

Advisory Bank	State Bank of India
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ePBG Percentage(%)	2.00
Duration of ePBG required (Months).	38

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

#### **Beneficiary:**

Section Officer

3rd Floor, Jeevan Deep Building, Parliament Street, New Delhi / Central Zone, Department of Financial Services, N/A, Ministry of Finance  
(S.d. Sharma)

#### **Splitting**

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

### **Storage System ( 1 pieces )**

#### **Technical Specifications**

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Specification	<b>Storage System Type</b>	Unified Storage	Unified Storage
Group2	<b>Storage Capacity (TB)</b>	10	10.0 - 5000.0 Or higher
Group3	Hardware Form Factor of Storage System (RU)	2	*
Disk	<b>Disk Type</b>	SAS	SAS
	Speed of dual ported disk drive in Gbps	12	*

Total Numbers of Drive Slots	24	*
<b>Number of Drive Slots Populated with drives of different type in the Storage System</b>	16	16
Total no of drive slot populated with SSD	0	*
Total no of drive slot populated with Flash Drive	0	*
Total no of drive slot populated with SAS	16	*
Total no of drive slot populated with NL-SAS	0	*
Drive Type Wise Storage Capacity of System in GB	-	*
<b>Automated Storage tiering feature across the populated Drives types( in case of multiple drive system)</b>	Yes	Yes
Automated Storage tiering Software License Included	Yes	*
Hot Spares	Yes	*
Number of Populated Disks per Hot Spare	15	*
Provision for additional Capacity	Yes	*
If Yes, Number of Drive Slots available to achieve additional capacity	-	*
Connectivity/Port	Type of Front end Ports	-
	<b>Number of Front end Ports</b>	16G*4,10GSFP+*2,1G*2
	<b>Speed of front end Ports in Gbps</b>	16
	Type of Back end Ports	-
	<b>Number of Back end Ports</b>	4
	<b>Speed of Back end ports in Gbps</b>	12
		More than 16.0 Or higher
		*
		More than 4.0 Or higher
		More than 12.0 Or higher

	Number of Remote Replication Ports( FC/Ethernet)	NA	*
Controllers	<b>Number of Controllers/VSD/ Node available in the storage System on common back plane without using external switch/device OR without common backplane using switches</b>	2	2
	RAID Level Support	6	*
	Active-Active Controllers Configured in HA	Yes	*
	Active Stand by Controller Configured in HA	No	*
System Cache	<b>Cache Availability Type</b>	Global	Global
	<b>Total Configurable Cache (GB)</b>	64	64
Group4	Wide Stripping or equivalent feature	Yes	*
Group5	No of Snapshot Copies Per Volume	255	*
	License for Snapshot included	Yes	*
Data Replication	Remote Replication	Yes	*
	Remote Replication license included	No	*
	Synchronized Replication Support	Yes	*
	Synchronous Replication license included	No	*
	Asynchronous Replication Support	Yes	*
	Asynchronous Replication license included	No	*
	3-DC Zero Data Loss Support	No	*
	If Yes, Supported Replication Topology	-	*

	for 3-DC Zero Data Loss		
Group6	Type of Data Compression	S/W Level	*
	Type of Data Deduplication	S/W Level	*
	No Single point of Failure with Non-Disruptive replacement of Hardware	Yes	*
	The Storage provide Non disruptive Firmware /Microcode upgrade	Yes	*
	Firmware upgrade without any controller reboot	No	*
Encryption Mode	Encryption Required	Yes	*
	Type of Data at Rest Encryption	SW Based	*
Group7	Storage management software for configuration and multi-pathing(part of the supply).	YES	*
Group8	Multi-pathing and load balancing and fail over software (part of supply) with license for windows/Linux servers or shall support native multipathing of OS.	YES	*
Group 9	Protocols Supported by the storage system from day one	-	*
Group 10	Operating System Platform and Clustering Supported by the Storage from day one	-	*
Group11	Operating Temp Range	-	*
Group12	Storage Temp Range	-	*
Group13	Operating Humidity (Rh)	-	*
Group14	Storage Humidity (Rh)	-	*
Group15	BIS Registration under CRS of MeiTY	Yes	*
	If Yes, BIS Registration No under CRS of MeiTY	-	*

	otherwise indicate N/A		
	BIS Registration Certificate shall be furnished when demanded by the buyer	Yes	*
Group16	Storage System is compliant with IPv6	Yes	*
Group17	Standby power consumption of System in Watt	-	*
Group18	Scope of Supply	It includes installation, commissioning & integration together with all necessary software to make the system fully functional as intended.	*
Group19	<b>On Site OEM Warranty</b>	3	3

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

### Additional Specification Documents

### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	S.D SHARMA	110001,3rd Floor, Jeevan Deep Building, Parliament Street, New Delhi	1	45

### Bid Specific Additional Terms and Conditions

- Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
- Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
- Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 5 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.
- Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
- Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have

regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.

#### 6. Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

- (i) Inhibit the desires and designed function of the equipment.
- (ii) Cause physical damage to the user or equipment during the exploitation.
- (iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

7. 1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.  
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.  
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.
8. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
9. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
10. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
11. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
12. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
13. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
14. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
15. ISO 9001: The bidder must have ISO 9001 certification.
16. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.

17. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
18. The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:
- (i) Single order of at least 35% of estimated bid value; or
  - (ii) Two orders of at least 20% each of estimated bid value; or
  - (iii) Three orders of at least 15% each of estimated bid value.
- Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion
19. Bidders can also submit the EMD with Account Payee Demand Draft in favour of SO(DEA) Banking Division payable at New Delhi.  
Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
20. Bidders can also submit the EMD with Banker's Cheque in favour of SO(DEA) Banking Division payable at New Delhi.  
Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
21. Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of SO(DEA) Banking Division payable at New Delhi. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**