

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 21:00:00
Bid Opening Date/Time	27-07-2020 21:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Indian Army
Office Name	*****
Total Quantity	1
Item Category	Storage System
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria *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

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Storage System (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
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Specification	Storage System Type	Unified Storage	Unified Storage
Group2	Storage Capacity (TB)	12	12.0 - 5000.0 Or higher
Group3	Hardware Form Factor of Storage System (RU)	4	*
Disk	Disk Type	NL-SAS	NL-SAS
	Speed of dual ported disk drive in Gbps	6	*
	Total Numbers of Drive Slots	4	*
	Number of Drive Slots Populated with drives of different type in the Storage System	4	4
	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	4	*
	Total no of drive slot populated with NL-SAS	3	*
	Drive Type Wise Storage Capacity of System in GB	-	*
	Automated Storage tiering feature across the populated Drives types(in case of multiple drive system)	No	No
	Automated Storage tiering Software License Included	No	*
	Hot Spares	No	*
	Number of Populated Disks per Hot Spare	0	*
	Provision for additional Capacity	Yes	*
	If Yes, Number of Drive Slots available to achieve additional capacity	-	*
Connectivity/Port	Type of Front end Ports	-	*
	Number of Front end Ports	0	0
	Speed of front end Ports in Gbps	0	More than 0.0 Or higher
	Type of Back end Ports	-	*
	Number of Back end Ports	2	More than 2.0 Or higher
	Speed of Back end ports in Gbps	1	More than 1.0 Or higher
	Number of Remote Replication Ports(FC/Ethernet)	NA	*
Controllers	Number of Controllers/VSD/ Node available in the storage	1	1

	System on common back plane without using external switch/device OR without common backplane using switches		
	RAID Level Support	0,1,5,6,01,10,50,60	*
	Active-Active Controllers Configured in HA	No	*
	Active Stand by Controller Configured in HA	No	*
System Cache	Cache Availability Type	Global	Global
	Total Configurable Cache (GB)	8	8
Group4	Wide Stripping or equivalent feature	No	*
Group5	No of Snapshot Copies Per Volume	255	*
	License for Snapshot included	Yes	*
Data Replication	Remote Replication	No	*
	Remote Replication license included	No	*
	Synchronized Replication Support	Yes	*
	Synchronous Replication license included	Yes	*
	Asynchronous Replication Support	No	*
	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	NA	*
	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			
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	On Site OEM Warranty	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	*****	*****AJMER	1	15

Bid Specific Additional Terms and Conditions

- 1.Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
- 2.Over and above the normal Warranty terms as per GeM GTC, the successful bidder / OEM shall have to provide Comprehensive Warranty during the entire Standard warranty period as per contract. : The comprehensive warranty shall be covering the following scope During Warranty Period (Upload an undertaking with the bid confirming compliance by the bidder if Bidder is taking onus of this compliance. In case OEM is taking onus of

this compliance, OEM undertaking is to be uploaded along with Bidder undertaking)

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

---Thank You---