

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 11:00:00
Bid Opening Date/Time	25-07-2020 11:30:00
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
Experience Criteria	3 Year (s)
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years Of Experience	Yes
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.

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	Storage System Type	Unified Storage	Unified Storage
Group2	Storage Capacity (TB)	18	18.0 - 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	3	3
	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	0	*
	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	No	No

	system)		
	Automated Storage tiering Software License Included	No	*
	Hot Spares	Yes	*
	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	1x USB	1xusb
	Speed of front end Ports in Gbps	1	More than 1.0 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)	2	*
Controllers	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	1	1
	RAID Level Support	0,1,5,6,10	*
	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	Yes	*
	Remote Replication license included	Yes	*
	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	S/W Level	*
	No Single point of Failure with Non-Disruptive replacement of Hardware	No	*
	The Storage provide Non disruptive Firmware /Microcode upgrade	No	*
	Firmware upgrade without any controller reboot	No	*
Encryption Mode	Encryption Required	Yes	*
	Type of Data at Rest Encryption	Drive 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	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	*****	*****AGRA	1	30

Bid Specific Additional Terms and Conditions

1. 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.
2. 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.
3. 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.
4. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product 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 OEM 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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.

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

---Thank You---