

### RA Document

RA Details	
RA Technical End Date/Time	27-07-2020 21:00:00
RA Opening Date/Time	27-07-2020 21:30:00
RA Life Cycle (From Publish Date)	90 (Days)
RA Offer Validity (From End Date)	75 (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	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
Inspection Required	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Post Dispatch
Name of the Empanelled Inspection Agency/ Authority	Board of Officers
Quality Assurance Plan document	<a href="#">1594903021.pdf</a>
Estimated RA Value	75000

### EMD Detail

Required	No
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### ePBG Detail

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Required	No
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## Splitting

RA splitting not applied.

## 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>	16	16.0 - 5000.0 Or higher
Group3	Hardware Form Factor of Storage System (RU)	6	*
Disk	<b>Disk Type</b>	NL-SAS	NL-SAS
	Speed of dual ported disk drive in Gbps	6	*
	Total Numbers of Drive Slots	4	*
	<b>Number of Drive Slots Populated with drives of different type in the Storage System</b>	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	0	*
	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	0	*
	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>	USB	usb
	<b>Speed of front end Ports in Gbps</b>	1	More than 1.0 Or higher
	Type of Back end Ports	-	*
	<b>Number of Back end Ports</b>	4	More than 4.0 Or higher
	<b>Speed of Back end ports in Gbps</b>	1	More than 1.0 Or higher
	Number of Remote Replication Ports( FC/Ethernet)	2	*
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>	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	<b>Cache Availability Type</b>	Global	Global
	<b>Total Configurable Cache (GB)</b>	8	8

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	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	<b>On Site OEM Warranty</b>	3,5	3, 5

\* 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**

**Consignee/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days	
1	*****	*****AHMEDABAD	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. Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide AMC Service for next 5 years for the offered products at the rate not more than 4 % of contract price per annum. Buyer reserves the right to enter into an AMC agreement ( covering preventive maintenance and servicing)with the Successful Bidder / OEM after expiry of the Warranty period at rate as mentioned above and the payment for the AMC charges would be made Annually after rendering of the AMC Services of the relevant AMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the AMC contract when called upon by the buyer. The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 10% of total AMC value valid up to AMC period plus 2 months (if there is no other claim). (Undertaking of acceptance to be uploaded with bid).
3. 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.
4. ISO 9001: The bidder must have ISO 9001 certification.
5. 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.
6. Scope of supply (Bid price to include all cost components) : Only supply of Goods
7. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

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

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