

Bid Document

Bid Details	
Bid End Date/Time	06-08-2021 13:00:00
Bid Opening Date/Time	06-08-2021 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Pmo
Department Name	Department Of Space
Organisation Name	Isro
Office Name	Isro Inertial Systems Unit
Total Quantity	7
Item Category	Network Attached Storage (NAS) Device , Hard disk drives
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	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
Primary product category	Network Attached Storage (NAS) Device
Time allowed for Technical Clarifications during technical evaluation	3 Days
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	No
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

2. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

Network Attached Storage (NAS) Device (1 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Performance Parameters	Number of Nodes (Number)	3
	Speed of Front end Ports (Gbps)	25
	Number of Node Failure Tolerance	3 Nodes
	Usable Capacity	60.0
	Total no of drive slot populated with SAS	0
	Total no of drive slot populated with NL-SAS/SATA	2
	Scalability of Nodes	1024
	Operating System, File System and corresponding hardware from a single OEM	Yes
	Total no of drive slot populated with NVMe	0

Specification	Specification Name	Bid Requirement (Allowed Values)
	Per Node Cache/Memory Offered	256.0
	Scale Out File Storage Essential Specifications	Global Single Namespace
	Number of Drive Slots Populated with drives of different type in the Storage System (total Drive Count across all nodes)	1
	Protocol Support	NFS, SMB, HDFS, S3, POSIX, Swift
	Number of Front end Ports per node	1
	Number of Processor offered per Node	1
	File System Performance in GB/sec	256
	Total no of drive slot populated with SSD / Flash	2
	Number of Sockets offered per Node	2
	Number of Cores per Sockets	12
	Redundant Interconnect Switches	Yes
	Provide Software or Hardware Load Balancer to auto balance client connections across Storage controllers	Yes
	Capability to automatically Load Balance existing Data across controllers post addition of Controllers/Nodes	Yes
	Type of Data Reduction	S/W Level
	Single Filesystem scalable to 50PB	Yes
Storage Tiering	Automated Storage Tiering feature License Included	Yes
	Automated Storage Tiering across SSD, SAS, NL-SAS/SATA Tiers	Yes
File Type Support	Different Type of File Support	Unstructured, Structured, Semistructured
	High performance NoSQL database management system License included	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	High performance NoSQL database management system Supported	Yes
Data Protection Features	Point in time Snapshot Feature license included	Yes
	multiple name nodes in high availability	Yes
	Multi-tenancy feature such that multiple workloads	Yes
	automated data placement and rack awareness to avoid entire rack failure	Yes
	Creating multiple copies of the same data	Yes
	Point in time Snapshot Feature Supported	Yes
Container Integration	CSI Drivers for Container Platform	Yes
Files Supported	Number of files Supported	No Software Limit
Remote Replication Features	Many to One	Yes
	Synchronous Replication Support	Yes
	Storage Cluster NameSpace/ Federation Supported	Yes
	Remote Replication	Yes
	Synchronous Replication license included	Yes
	Many to Many	Yes
Cloud Integration	Storage shall be extensible to a common data fabric from both on premise to cloud with a global namespace.	Yes
Client Loading Balancing	Storage System should have capability to load balance client connectivity across these multiple controllers so that all clients get distributed across all existing controllers/nodes to avoid any performance hotspot.	Yes
Others	On Site OEM Warranty	5 Years Standard
	Other International Certification	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	Security	Data at Rest Encryption, Access control list for defining who can use the array and what action can be performed by users or groups, Support integration with Active Directory and LDAP
	Offered with dataset management and storage monitoring software. Software should have ability to index, identify, classify and move data between offered storage to other OEM storage systems and the cloud (public or private)	Yes

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Delivery Schedule (In number of days from contract start days)		
1	Baby P P	695013,ISRO Inertial Systems Unit, Vattiyoorkavu PO, Thiruvananthapuram	Quantity	Delivery to start after	Delivery to be completed by
			1	0	15

Hard Disk Drives (6 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Capacity of Drive (GB)	8000
	Type of Drive	SAS
	Interface Type	SATA
	Performance (Sequential write) (Mb/p)	138
	Warranty (Years)	3

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Delivery Schedule (In number of days from contract start days)		
1	Baby P P	695013,ISRO Inertial Systems Unit, Vattiyoorkavu PO, Thiruvananthapuram	Quantity	Delivery to start after	Delivery to be completed by
			6	0	15

Buyer Added 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. The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.
Applicable Concessional rate of GST : 5%
Notification No.and date : 45/2017, 47/2017 dated 14/11/2017

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---