

Bid Document

Bid Details	
Bid End Date/Time	27-01-2022 13:00:00
Bid Opening Date/Time	27-01-2022 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Pmo
Department Name	Department Of Atomic Energy
Organisation Name	Iter India Ipr
Office Name	literindia Ipr Blocka Sangath Skyz Bhatmote
Total Quantity	1
Item Category	Enterprise Storage (Q2) (PAC Only) ()
Years of Past Experience required	3 Year (s)
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years Of Experience	Yes
Document required from seller	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Compliance of BoQ specification and supporting document *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
Time allowed for Technical Clarifications during technical evaluation	5 Days
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
----------	----

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	38

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

Beneficiary:

Purchase Officer
BLOCK-A SANGATH SKYZ BHAT-MOTERA ROAD, KOTESHWAR, AHMEDABAD-380005, Department of Atomic Energy, ITER India IPR, PMO
(Iter-india, Ipr)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	No
-------------------------	----

Details of the Competent Authority for MII

Name of Competent Authority	Rakhi Dharamdasani
Designation of Competent Authority	Senior Officer Purchase & Stores
Office / Department / Division of Competent Authority	ITER-India, Institute for Plasma Research, Department of Atomic Energy
CA Approval Number	
Competent Authority Approval Date	06-01-2022
Brief Description of the Approval Granted by Competent Authority	As per the attached Competent Authority Certificate

Competent Authority Approval for not opting Make In India Preference : [View Document](#)

MSE Purchase Preference

MSE Purchase Preference	Yes
-------------------------	-----

Details of the Competent Authority approval for PAC

Competent Authority Approval document for PAC : [View Document](#)

Name of Competent Authority	Rakhi Dharamdasani
Designation of Competent Authority	Senior Officer Purchase & Stores
Office / Department / Division of Competent Authority	ITER-India, Institute for Plasma Research, Department of Atomic Energy
CA Approval Number	
Competent Authority Approval Date	2021-11-11 00:00:00
Brief Description of the Approval Granted by Competent Authority	As per the attached Competent Authority Certificate

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. If the bidder is a Startup, 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.

3. 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 Financial years as indicated above 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 Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

4. 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.

5. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

Enterprise Storage (1 pieces) (Under PAC)

Make	ibm
Model	flashsystem5200

Brand Type	Registered Brand
------------	------------------

Technical Specifications

* [As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Type	Storage Type	Enterprise SAN
	Type of Storage System	All Flash, Hybrid Or higher
Storage	Usable Storage Capacity (TB)	64.1 - 5000.0 Or higher
	Disk Type	NVMe Drive Or higher
	Speed of Dual Ported Disk Drive	6 Gbps, 12 Gbps, PCI Gen3 NVMe Or higher
	Usable Capacity Scalability (TB)	32000.0 Or higher
	Number of Drive Slots Populated with drives of different type in the Storage System	34

Specification	Specification Name	Bid Requirement (Allowed Values)
	Total no of drive slot populated with SSD / Flash	9.0 Or higher
	Total no of drive slot populated with SAS	13.0 Or higher
	Capacity of Each SSD Drive used (TB)	1.92 Or higher
	Capacity of Each Flash Drive used (TB)	0.0 Or higher
	Capacity of Each SAS Drive used (TB)	2.4 Or higher
	Automated Storage tiering feature across the populated Drives of various types(in case of multiple drive / Hybrid system)	Yes
	Automated Storage tiering Software License Included (In case of Hybrid SAN System)	Yes
	Hot Spares	Yes
	Number of Populated Disks per Hot Spare	12.0 Or lower
Features	Response Time / Latency of the System (70R / 30W :8KB) with Data Reduction	< 1 millisecond for All Flash, < 0.5 millisecond for All Flash, < 5 millisecond for Hybrid Or higher
	Resilience to handle sub component level failures (CPU, Memory, Front end, Back end Ports) without rebooting the entire controller	Yes Or higher
	Heterogenous Storage Virtualization Supported	Yes Or higher
Connectivity/Port	Type of Front end Ports	FC, iSCSI, FCoE, NVMeoF Or higher
	Number of Front end FC Ports	4.0 Or higher
	Number of Front end iSCSI Ports	4.0 Or higher
	Number of Front end FCoE Ports	0.0 Or higher
	Speed of Front end FC Ports in Gbps	32.0 Or higher
	Speed of Front end iSCSI Ports in Gbps	10.0 Or higher
	Speed of Front end FCoE Ports in Gbps	0.0 Or higher
	Front end FC Port Scalability	16.0 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Front end iSCSI Port Scalability	16.0 Or higher
	Front end FCoE Port Scalability	0.0 Or higher
	Offered Back end Bandwidth in Gbps	192, 384, 576, 768, 960, 1152, 1344, 1536, 256, 512, 1024, 1280, 1792, 2048 Or higher
	Back end Bandwidth Scalability in Gbps	768, 960, 1152, 1344, 1536, 4096, 1024, 1280, 1792, 2048 Or higher
	Number of Remote Replication FC Ports	2, 4, 8, 16, 0 Or higher
	Number of Remote Replication Ethernet Ports	4, 8, 16 Or higher
	FCIP Router Factored	No
	Number of 1/10 Gbps Ports on FCIP Router	0, 2, 4, 8, 16 Or higher
	Number of 8 /16 Gbps FC Ports on FCIP Router	0, 2, 4, 8, 16 Or higher
Controllers	Number of Controllers/VSD/ Node available in the storage System	2, 4, 6, 8, 10, 12, 14, 16 Or higher
	Number of Controllers/VSD/ Nodescalable in the storage System	8, 12, 16 Or higher
	RAID Level Support	5 or equivalent, 6 or equivalent, 1 or equivalent, Triple Parity Or higher
	Symmetric Active-Active Controllers Configured in HA	Yes
System Cache	Type of Cache	Global, Federated Or higher
	Entire Cache is available to all LUNs /Devices across all controllers as a single unit	Yes, No
	Entire Cache is dynamically used for Read and Write operations	Yes
	Storage array cache shall be globally shared and mirrored across controllers that are in different controller pairs, and not just across controllers within the same pair at all times (during normal operations & during any controller failures)	Yes, No
	Total Offered Cache in TB	0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13, 13.5, 14, 14.5, 15, 15.5, 16 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Cache Scalability in TB	2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13, 13.5, 14, 14.5, 15, 15.5, 16 Or higher
	Flash Cache	No
Additional Features / Support	Heterogeneous Virtualization Supported	Yes
	Wide Striping or equivalent	Yes
	No of Snapshot Copies Per Volume	255, 1000 Or higher
	License for Snapshot included	Yes
Data Replication	Remote Replication	Yes
	Number of Volume / LUN Supported for Remote Replications	256.0 Or higher
	Remote Replication license included	Yes
	Synchronized Replication Support	Yes
	Synchronous Replication license included	Yes
	Asynchronous Replication Support	Yes
	Asynchronous Replication license included	Yes
	3-DC Zero Data Loss Support	Yes
	3-DC Zero Data Loss License included	Yes
	Support for Three Site Replication Topology (A-B-C)	Yes
	Support for Three Site Replication Topology (A-B and A-C)	Yes
	Seamless Change of Replication Topology from (A-B-C) to (A-B and A-C) and Vice Versa	Yes, No
Data Reduction	Type of Data Reduction	Compression, Deduplication, Compaction, Pattern Removal Or higher
	Methodology to achieve Data Reduction	Inline S/W Level
	No Single point of Failure with Non-Disruptive replacement of Hardware	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	The Storage provide Non disruptive Firmware /Microcode upgrade	Yes
	Firmware upgrade without any controller reboot	Yes, NA Or higher
Encryption Mode	Encryption Required	Yes, No
	Type of Data at Rest Encryption	SW Based
Others	BIS Registration under CRS of MeITY	Yes
	BIS Registration Certificate shall be furnished when demanded by the buyer	Yes
	Storage System is compliant with IPv6	Yes
Warranty	On Site OEM Warranty	3

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Mayurkumar Navinchandra Patel	380005,ITER-INDIA, IPR, BLOCK-A, SANGATH SKYZ, BHAT-MOTERA ROAD, KOTESHWAR, AHMEDABAD-380005, GUJARAT, INDIA	1	90

Buyer Added Bid Specific Terms and Conditions

1. Generic

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 : 47/2017 - Integrated Tax (Rate) , 45/2017-Central Tax (Rate) dated 14/11/2017 and 45/2017 - State Tax (Rate) dated 15/11/2017

2. Generic

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

3. Generic

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.

4. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

5. **Certificates**

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. **Forms of EMD and PBG**

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 Institute for Plasma Research A/c ITER-India payable at Ahmedabad.. 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.

7. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name Institute for Plasma Research A/c ITER-India Account No. 30360884053 IFSC Code SBIN0010864 Bank Name State Bank of India Branch address IPR Bhat Branch, Gandhinagar-382428. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

8. **Generic**

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

9. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

1) Bidders are requested to fill Annexure-II Technical Specification's compliance column (duly signed and stamped) of the attached Technical Specifications Documents. Bidder needs to sign & stamp on each & every page of attached Technical Specifications. This will be considered as an acceptance of bidder on such specifications.

2) Bidder shall also provide necessary supporting documents showing compliance to Pre-qualification criteria as per Table-I of the attached Technical Specifications.

3) No EMD to be submitted for this tender. However, Bids must be submitted along with "Bid Security Declaration" (attached annexure-A1) as per DOE Order No. F.9/4/2020-PPD dated 12.11.2020 duly signed and stamped on company letter head.

10. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

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---