

Bid Document

Bid Details	
Bid End Date/Time	02-08-2021 13:00:00
Bid Opening Date/Time	02-08-2021 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Science And Technology
Department Name	Department Of Science And Technology (dst)
Organisation Name	Indian Institute Of Astrophysics (iia)
Office Name	Bengaluru
Total Quantity	1
Item Category	Workstation
MSE Exemption for Years of Experience and Turnover	No
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
Time allowed for Technical Clarifications during technical evaluation	2 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

MSE Purchase Preference

MSE Purchase Preference

Yes

1. 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.

Workstation (1 pieces)

Brand Type

Registered Brand

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Type	Form Factor	Desktop
Processor	Processor Make	Intel
	Processor Generation	NA, 10 Or higher
	Number of Cores per Processor	8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 64 Or higher
	Processor Base Frequency (GHz)	2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4, 4.1, 4.2, 4.3, 5.2 Or higher
	Processor Description	Intel Xeon Silver Series, Intel Xeon Gold Series, Intel Xeon Platinum Series Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Processor Number	Intel Xeon Silver 4114, Intel Xeon Silver 4116, Intel Xeon Gold 5118, Intel Xeon Gold 5120, Intel Xeon Gold 6126, Intel Xeon Gold 6128, Intel Xeon Gold 6130F, Intel Xeon Gold 6132, Intel Xeon Gold 6134, Intel Xeon Gold 6136, Intel Xeon Gold 6138, Intel Xeon Gold 6140, Intel Xeon Gold 6142, Intel Xeon Gold 6142F, Intel Xeon Gold 6144, Intel Xeon Gold 6146, Intel Xeon Gold 6148, Intel Xeon Gold 6150, Intel Xeon Gold 6152, Intel Xeon Gold 6154, Intel Xeon Platinum 8160, Intel Xeon Platinum 8164, Intel Xeon Platinum 8168, Intel Xeon Platinum 8170, Intel Xeon Platinum 8176, Intel Xeon Platinum 8180, Intel Xeon Silver 4208, Intel Xeon Silver 4210, Intel Xeon Silver 4214, Intel Xeon Silver 4215, Intel Xeon Silver 4216, Intel Xeon Gold 5215, Intel Xeon Gold 5215L, Intel Xeon Gold 5215M, Intel Xeon Gold 5217, Intel Xeon Gold 5218, Intel Xeon Gold 5220, Intel Xeon Gold 6230, Intel Xeon Gold 6240, Intel Xeon Gold 6242, Intel Xeon Gold 6244, Intel Xeon Gold 6248, Intel Xeon Gold 6252, Intel Xeon Gold 6254, Intel Xeon Platinum 8253, Intel Xeon Platinum 8260, Intel Xeon Platinum 8260L, Intel Xeon Platinum 8260M, Intel Xeon Platinum 8268, Intel Xeon Platinum 8270, Intel Xeon Platinum 8276, Intel Xeon Platinum 8276L, Intel Xeon Platinum 8276M, Intel Xeon Platinum 8280, Intel Xeon Platinum 8280L, Intel Xeon Platinum 8280M, Intel Xeon Gold 6234, Intel Xeon Gold 6226, Intel Xeon Gold 6238, Intel Xeon Gold 6238T, Intel Xeon Gold 6240Y, Intel Xeon Gold 6240M, Intel Xeon Gold 6246, Intel Xeon Platinum 8260Y, Intel Xeon Silver 4214Y, Intel Xeon Platinum 8158, Intel Xeon Silver 4215R, Intel Xeon Silver 4210R, Intel Xeon Silver 4214R, Intel Xeon Gold 6250, Intel Xeon Gold 6256, Intel Xeon Gold 5218R, Intel Xeon Gold 6226R, Intel Xeon Gold 6246R, Intel Xeon Gold 6242R, Intel Xeon Gold 5220R, Intel Xeon Gold 6230R, Intel Xeon 6240R, Intel Xeon Gold 6238R, Intel Xeon Gold 6248R, Intel Xeon Gold 6258R, Intel Xeon Platinum 9221, Intel Xeon Platinum 9222, Intel Xeon Platinum 9242, Intel Xeon Platinum 9282, Intel Xeon Gold 5117 Or higher
	Number of Sockets populated with the Processors	1, 2 Or higher
	Cache (MB)	11.0 - 64.0 Or higher
	Out of Band Management	Intel vPro, AMD DASH, NA Or higher
	Chipset Number	Intel C621, Intel C622, Intel C624, Intel X99, Intel X299 Or higher
Motherboard	Expansion Slots (PCIe x 1) (Number)	1, 2, 3, 4 Or higher
	Expansion Slots (PCIe x 4) (Number)	1, 2, 3 Or higher
	Expansion Slots (PCIe x 8) (Number)	1, 2 Or higher
	Expansion Slots (PCIe x 16) (Number)	2, 3, 4 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
Graphics	Graphics Type	Dedicated/Discrete
	Number of Graphic Cards	1, 2, 3, 4 Or higher
	Graphic Card Description	nVIDIA Quadro P1000 4GB, nVIDIA Quadro P2000 5GB, nVIDIA Quadro P3000 6GB, nVIDIA Quadro RTX 3000 6GB, nVIDIA Quadro P4000 8GB, nVIDIA Quadro RTX 4000 8GB, nVIDIA Quadro P5000 16GB, nVIDIA Quadro RTX 5000 16GB, nVIDIA Quadro P6000 24GB, nVIDIA Quadro GP100 16GB, nVIDIA Quadro RTX 6000 24GB, nVIDIA Quadro RTX 8000 48GB, nVIDIA Quadro GV100 32GB, nVIDIA Tesla V100 SXM2 32GB, NVIDIA Quadro P2200 5GB GDDR5, NVIDIA Quadro P520 4 GB GDDR5 Or higher
Operating System	Operating System (Factory Pre-Loaded)	Windows 10 Professional 64 bit
Applications	Applications Compatible with the Workstation (Requisite document may be furnished as and when demanded by the buyer)	Adobe Illustrator CC, Adobe Media Encoder CS/CC, Adobe Photoshop CS/CC, Adobe Premiere Pro CS/CC, Autodesk AutoCAD, Dassault Systèmes SolidWorks
Memory	RAM Speed (MHz)	2666, 2933 Or higher
	Type of Memory	ECC RDIMM
	RAM Size (GB)	32, 64, 128, 256, 512, 1024, 2048, 3072, 4096, 48, 96, 192, 384, 768, 1536 Or higher
	RAM Expandability upto using spare DIMM Slots (GB)	1024, 3072, 4096, 1536, 2048, 768 Or higher
Primary Storage /Boot Drive	Type of Drives used to populate the internal Bays	PCIe
	Number of Drives	1
	RAID for Operating System	NA
	Capacity of each Drive (GB)	256, 300, 384, 500, 512, 600, 768, 800, 900, 1000, 1024, 1200, 1800, 2000, 2048, 4000, 4096, 8000, 6000 Or higher
Secondary Storage	Type of Drives used to populate the Internal Bays	SATA, PCIe
	Number of Internal Bays populated with SATA Drive	2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	Each SATA Drive Capacity (GB)	1000, 2000, 4000, 8000, 6000 Or higher
	Speed of each SATA Drive (RPM)	7200 Or higher
	Total SATA Drive Capacity (GB)	2000, 4000, 8000, 3000, 5000, 6000, 7000, 9000, 12000, 16000, 20000, 24000, 28000, 32000 Or higher
	Number of Internal Bays populated with SAS Drive	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Capacity of each SAS Drive (GB)	300, 600, 900, 1200, 1800, 800, 0, 4000 Or higher
	Speed of each SAS Drive (RPM)	10000, 15000, 0, 7200 Or higher
	Total SAS Drive Capacity (GB)	300, 600, 900, 1200, 1800, 2100, 0, 4000 Or higher
	Number of Internal Bays populated with SSD Drive	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	Capacity of each SSD Drive (GB)	128, 256, 512, 1024, 2048, 800, 0 Or higher
	Total SSD Capacity (GB)	128, 256, 384, 512, 768, 1024, 2048, 4096, 0, 5120, 3072 Or higher
	Number of Internal Bays populated with PCIe Drive	1, 2, 3, 4, 5, 6, 7, 8 Or higher
	Capacity of each PCIe Drive (GB)	256, 512, 1024, 2048 Or higher
	Total PCIe Drive Capacity (GB)	256, 512, 1024, 2048, 4096, 1536, 6144 Or higher
	Class of PCIe Drives	Class 40, Class 50 Or higher
RAID	RAID level	0, 1, 5, 1+0
	Number of RAID Controller Ports	8, 10 Or higher
	Speed of RAID Controller Ports (Gbps)	6, 12 Or higher
	RAID Controller Cache (GB)	0, 1, 2, 4, 6, 8 Or higher
Connectivity	Type of Ethernet Ports	Dual Gigabit NIC 10/100/1000
	Number of Ethernet Ports	2, 3, 4, 6 Or higher
	Wireless Connectivity	Yes, No Or higher
	If Yes, Type of Wireless Connectivity	Wi-Fi 802.11b/g/n, Wi-Fi 802.11ac, NA Or higher
	Bluetooth Connectivity	Yes, No Or higher
	If Yes, Version of Bluetooth Available	4, 4.1, 4.2, 5, 0 Or higher
Ports	Number of USB Version 2 Point 0 Ports	0, 1, 2, 3, 4, 5, 6 Or higher
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	8, 9, 10 Or higher
	Number of USB Version 3 point 1, Gen 2 Ports	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	Number of USB Type C Ports	2 Or higher
	Number of VGA Ports	0, 1 Or higher
	Number of HDMI Ports	0, 1 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Number of Mini DP Ports	4, 6, 8, 12, 9, 16 Or higher
	Number of DP Ports	0, 1, 2, 3, 4, 6, 8, 9, 12, 16 Or higher
Display	Display Availability	Monitor
	Display Size (cm)	58- 61, 63 - 67, 68- 71, 72- 81, 82 - 87, 88 - 93, 94 - 97, 98 - 105, 107 - 110, 111 - 115, 116 - 120, 121 - 125, 126 - 130 Or higher
	Display Type	Non Touch, Touch Or higher
	Panel Type	Flat, Curved Or higher
	Panel Technology	IPS, OLED Or higher
	Display Resolution (Pixels)	1920x1080, 1920 x 1200, 3200x1800, 3840 x 2160, 2560 x 1080, 2560 x 1440, 2560 x 1600, 3440 x 1440, 3840 x 1600, 5120 x 1440, 7680 x 4320 Or higher
	LED Backlit	Yes Or higher
	TCO Compliance for Monitor	TCO 07
	Colour Gamut	100% AdobeRGB, 100% sRGB, 100% Rec 709, 98% DCI-P3, 99% sRGB, 90% CIE1976, 75% CIE 1931, 45% Color Gamut, 72% Color Gamut, 72sRGB, 92% sRGB, 95% sRGB Or higher
	Monitor Stand	Height Adjustable, Standard Or higher
Power	Minimum Power Efficiency (%)	80, 90 Or higher
	Redundant Power Supply	Yes, No Or higher
Input Devices	Mouse Connectivity, If available	Wired, Wireless Or higher
	Type of Mouse, If available	Optical Scroll
	Keyboard Connectivity, if available	Wired, Wireless Or higher
	Type of Keyboard, if available	Standard, Bilingual, Standard with Rupee Symbol Or higher
	Type of Keyboard in case of Mobile Workstation	Backlit, Non Backlit, NA Or higher
Generic	Optical Drive	DVD R/W
	Security	H/W Based
	Docking Station for Mobile Workstation	Yes, No Or higher
	Type of Bundled Software	Artificial Intelligence Based Performance Improvement Software, Remote Collaboration Software & Performance Advisor Or higher
	Finger Print Reader in case of Mobile Workstation	Yes, No, NA Or higher
	Carry Case in case of Mobile Workstation	Back Pack, With Shoulder Strap, NA Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
Warranty	Battery Warranty in case of Mobile Workstation	1, 2, 3, 0 Or higher
	On Site OEM Warranty (Year)	3, 4, 5 Or higher

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Vishnu Vardhan KP	560034, Indian Institute of Astrophysics 2nd block, Koramangala, Bangalore contact For order / contract details : 080 22541234 For Receipt and acceptance : 080 22541340 For Bill processing : 080 22541283 For details of disbursement of payment : 080 22541239	1	30

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 : 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---