

Bid Document

Bid Details	
Bid End Date/Time	21-08-2020 11:00:00
Bid Opening Date/Time	21-08-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Human Resource Development
Department Name	Department Of Higher Education
Organisation Name	Indian Institute Of Technology (iit)
Office Name	Iit Jodhpur
Total Quantity	1
Item Category	Workstation
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,Past Performance *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
Past Performance	30 %
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.

2. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 30% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant

year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Workstation (1 pieces)

Technical Specifications

* [As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Processor	Processor Make	Intel	Intel
	Processor Generation	NA	NA, 10 Or higher
	Number of Cores per Processor	12	12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32 Or higher
	Processor Base Frequency (GHz)	2.4	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 Or higher
	Processor Turbo Frequency (GHz)	3.5	*
	Processor Description	Intel Xeon Silver Series	Intel Xeon Silver Series, Intel Xeon Gold Series, Intel Xeon Platinum Series Or higher
	Processor Number	Intel Xeon Silver 4214R	Intel Xeon Gold 6126, Intel Xeon Gold 6130F, Intel Xeon Gold 6132, Intel Xeon Gold 6136, Intel Xeon Gold 6138, Intel Xeon Gold 6140, Intel Xeon Gold 6142, Intel Xeon Gold 6142F, 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 4216, Intel Xeon Gold 5218, Intel Xeon Gold 5220, Intel Xeon Gold 6230, Intel Xeon Gold 6240, Intel Xeon Gold 6242, 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 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 Platinum 8158, 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 Or higher
	Number of sockets available on the motherboard	2	*
	Number of Sockets populated with the Processors	1	1, 2 Or higher
	Cache (MB)	16.5	16.5 - 64.0 Or higher
	Out of Band Management	NA	*
Type	Form Factor	Desktop	Desktop
Motherboard	Chipset Number	Intel C621	Intel C621, Intel C622, Intel C624, Intel X99, Intel X299 Or higher
	Expansion Slots (PCIe x 1) (Number)	1	*
	Expansion Slots (PCIe x 4) (Number)	1	*
	Expansion Slots (PCIe x 8) (Number)	1	*
	Expansion Slots (PCIe x 16) (Number)	2	*
	Expansion Slots (PCI) (Number)	1	*
Graphics	Graphics Type	Dedicated/Discrete	Dedicated/Discrete
	Number of Graphic Cards	1	1, 2, 3, 4 Or higher
	Graphic Card Description	AMD Radeon Pro WX2100	AMD Radeon Pro WX2100, AMD Radeon Pro WX3100, AMD Radeon Pro WX3200, AMD Radeon Pro WX4100, AMD Radeon Pro WX4170, AMD Radeon Pro WX5100, AMD Radeon Pro WX7100, AMD Radeon Pro WX7130, AMD Radeon Pro WX9100, AMD Radeon Pro WX4150 Or higher

Operating System	Operating System (Factory Pre-Loaded)	Ubuntu Linux	Ubuntu Linux
	Recovery Image Media	NA	*
	OS Certification	Ubuntu Linux	*
Applications	Applications Compatible with the Workstation (Requisite document may be furnished as and when demanded by the buyer)	Adobe After Effects CS/CC,Adobe Illustrator CC,Adobe Media Encoder CS/CC,Adobe Photoshop CS/CC,Adobe Premiere Pro CS/CC,Adobe SpeedGrade CC,Autodesk AutoCAD,Autodesk Inventor,Autodesk Maya,Autodesk MotionBuilder,Autodesk Mudbox,Avid Media Composer,PTC Creo,Siemens NX,ANSYS Fluent,ANSYS Workbench,Sonar Cakewalk,Maxon Cinema 4D,Landmark DecisionSpace,G1 Autodesk Revit,Autodesk 3ds Max,Unreal Engine 4 by Epic Games	*
Memory	RAM Type	DDR4	*
	RAM Speed (MHz)	2933	*
	Type of Memory	ECC RDIMM	*
	RAM Size (GB)	64	64, 128, 256, 512, 1024, 2048, 3072, 4096, 96, 192, 384, 768, 1536 Or higher
	Total Numbers of DIMM Slots Available	6	*
	Number of DIMM Slots Populated	4	*
	RAM Expandability upto using spare DIMM Slots (GB)	32	32, 64, 128, 256, 512, 1024, 3072, 4096, 384, 1536, 2048, 768 Or higher
Primary Storage /Boot Drive	Type of Drives used to populate the internal Bays	SSD	SSD
	Number of Drives	1	*
	RAID for Operating System	NA	NA
	Capacity of each Drive (GB)	256	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	SATA
	Total number of Internal Bays available for SATA Drive	5	*
	Number of Internal Bays populated with	1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher

	SATA Drive		
	Each SATA Drive Capacity (GB)	2000	2000, 4000, 8000, 6000 Or higher
	Speed of each SATA Drive (RPM)	7200	*
	Total SATA Drive Capacity (GB)	2000	2000, 4000, 8000, 3000, 5000, 6000, 7000, 9000, 12000, 16000, 20000, 24000, 28000, 32000 Or higher
	Total number of Internal Bays available for SAS Drive	0	*
	Number of Internal Bays populated with SAS Drive	0	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	Capacity of each SAS Drive (GB)	0	300, 600, 900, 1200, 1800, 800, 0, 4000 Or higher
	Speed of each SAS Drive (RPM)	0	*
	Total SAS Drive Capacity (GB)	0	300, 600, 900, 1200, 1800, 2100, 0, 4000 Or higher
	Total number of Internal Bays available for SSD	0	*
	Number of Internal Bays populated with SSD Drive	0	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	Capacity of each SSD Drive (GB)	0	128, 256, 512, 1024, 2048, 800, 0 Or higher
	Total SSD Capacity (GB)	0	128, 256, 384, 512, 768, 1024, 2048, 4096, 0, 5120 Or higher
	Total number of Internal Bays available for PCIe SSD	0	*
	Number of Internal Bays populated with PCIe Drive	0	0, 1, 2, 3, 4, 5, 6, 7, 8 Or higher
	Capacity of each PCIe Drive (GB)	0	128, 256, 512, 1024, 2048, 0 Or higher
	Total PCIe Drive Capacity (GB)	0	128, 256, 512, 1024, 2048, 4096, 0, 1536 Or higher
	Class of PCIe Drives	NA	*
RAID	RAID level	0,1,5,1+0	*
	Number of RAID Controller Ports	5	5, 6, 7, 8, 10 Or higher
	Speed of RAID Controller Ports (Gbps)	6	6, 12 Or higher
	RAID Controller Cache (GB)	0	*
Connectivity	Type of Ethernet Ports	Single Gigabit NIC 10/100/1000	*
	Number of Ethernet	1	1, 2, 3, 4, 6 Or higher

	Ports		
	Wireless Connectivity	No	Yes, No Or higher
	If Yes, Type of Wireless Connectivity	NA	Wi-Fi 802.11b/g/n, Wi-Fi 802.11ac, NA Or higher
	Bluetooth Connectivity	No	Yes, No Or higher
	If Yes, Version of Bluetooth Available	0	4, 4.1, 4.2, 5, 0 Or higher
Ports	Number of USB Version 2 Point 0 Ports	0	*
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	8	*
	Number of USB Version 3 point 1, Gen 2 Ports	0	*
	Number of USB Type C Ports	2	*
	Number of VGA Ports	0	*
	Number of HDMI Ports	0	*
	Number of Mini DP Ports	2	*
	Number of DP Ports	0	*
Display	Display Availability	Monitor	Monitor
	Display Size (cm)	58- 61	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	Non Touch, Touch Or higher
	Panel Type	Flat	Flat, Curved Or higher
	Panel Technology	IPS	IPS, OLED Or higher
	Display Resolution (Pixels)	1920x1080	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	*
	TCO Compliance for Monitor	TCO 07	*
	Colour Gamut	72% Color Gamut	*
	Monitor Stand	Height Adjustable	*
Power	Maximum Power (Watts)	950	*
	Minimum Power Efficiency (%)	-	*
	Power Management Unit	Yes	*
	Redundant Power Supply	No	Yes, No Or higher
Input Devices	Mouse Connectivity, If available	Wired	*
	Type of Mouse, If available	Optical Scroll	*

	Keyboard Connectivity, if available	Wired	*
	Type of Keyboard, if available	Standard with Rupee Symbol	*
	Type of Keyboard in case of Mobile Workstation	NA	*
Generic	Optical Drive	-	*
	Number of External Bays	2	*
	Security	S/W Based	*
	Docking Station for Mobile Workstation	No	*
	Availability of Bundled Software	Yes	*
	Type of Bundled Software	Standard Performance Improvement Software	*
	Finger Print Reader in case of Mobile Workstation	No	*
	Carry Case in case of Mobile Workstation	NA	*
Certification	BIS Registration under CRS of Meity (Requisite certificate may be furnished as and when demanded by the buyer)	Yes	*
	BIS Registration Number and its Validity	-	*
	ROHS Compliance	Yes	*
	Other Certification Available (Requisite certificate may be furnished as and when demanded by the buyer)	-	*
Operating Conditions	Minimum Operating Temperature (Degree C)	5	*
	Maximum Operating Temperature (DEgree C)	35	*
	Minimum Operating Humidity (%RH)	10	*
	Maximum Operating Humidity (%RH)	85	*
Warranty	Battery Warranty in case of Mobile Workstation	0	*
	On Site OEM Warranty (Year)	3	3, 4, 5 Or higher

* 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	Sharad Srivastava	342037,Indian Institute of Technology Jodhpur Karwad Nagaur Road Jodhpur Rajasthan	1	30

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
- 3.Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 10 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imberse the cost of such service / rectification to the Buyer.

[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---