

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 16:00:00
Bid Opening Date/Time	2020-07-20 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	50 (Days)
Ministry/State Name	Ministry Of Agriculture And Farmers Welfare
Department Name	Department Of Agricultural Research And Education (dare)
Organisation Name	Indian Council Of Agricultural Research (icar)
Office Name	National Research Centre For Banana
Total Quantity	1
Item Category	Workstation
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
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.

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	9	9, NA Or higher
	Number of Cores per Processor	6	6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32 Or higher
	Processor Base Frequency (GHz)	3.6	3.6, 3.7, 3.8, 3.9, 4, 4.1, 4.2, 4.3 Or higher
	Processor Turbo Frequency (GHz)	4.8	*
	Processor Description	Intel Xeon E Series	Intel Xeon E Series, Intel Xeon W Series, Intel Xeon Bronze Series, Intel Xeon Silver Series, Intel Xeon Gold Series, Intel Xeon Platinum Series Or higher
	Processor Number	Intel Xeon E-2246G	Intel Xeon W-2133, Intel Xeon W-2155, Intel Xeon W-2175, Intel Xeon W-2195, Intel Xeon E-2276G, Intel Xeon E-2278G, Intel Xeon E-2286G, Intel Xeon E-2288G, Intel Xeon W-3223, Intel Xeon W-3225, Intel Xeon W-3235, Intel Xeon W-3245, Intel Xeon W-3245M, Intel Xeon W-3265, Intel Xeon W-3265M, Intel Xeon W-3275, Intel Xeon W-3275M, Intel Xeon W-2235, Intel Xeon W-2255, Intel Xeon W 10855M, Intel Xeon W 10885M, Intel Xeon W 1290P, Intel Xeon W 1290, Intel Xeon W 1270P, Intel Xeon W 1270, Intel Xeon W 1250P, Intel Xeon W 1250 Or higher
	Number of sockets	1	*

	available on the motherboard		
	Number of Sockets populated with the Processors	1	1, 2 Or higher
	Cache (MB)	12	12.0 - 64.0 Or higher
	Out of Band Management	Intel vPro	*
Type	Form Factor	Desktop	Desktop
Motherboard	Chipset Number	Intel C246	Intel C246, Intel CM246, Intel C422, Intel C621, Intel C622, Intel C624, Intel X99, Intel X299 Or higher
	Expansion Slots (PCIe x 1) (Number)	0	*
	Expansion Slots (PCIe x 4) (Number)	2	*
	Expansion Slots (PCIe x 8) (Number)	0	*
	Expansion Slots (PCIe x 16) (Number)	1	*
	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	nVIDIA Quadro P400 2GB	nVIDIA NVS 510 2GB, nVIDIA NVS 810 4GB, nVIDIA Quadro P400 2GB, nVIDIA Quadro P620 2GB, 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 P620 4GB, NVIDIA® Quadro P600 4GB GDDR5, NVIDIA Quadro P2200 5GB GDDR5 Or higher
Operating System	Operating System (Factory Pre-Loaded)	Windows 10 Professional 64 bit	Windows 10 Professional 64 bit
	Recovery Image Media	CD from the OEM / Stored in Partition of the Hard Disk / USB Drive from the OEM / On Line / Cloud	*
	OS Certification	Windows	*
Applications	Applications Compatible with the Workstation (Requisite document may be furnished as and when demanded by the buyer)	Adobe After Effects CS/CC	*
Memory	RAM Type	DDR4	*
	RAM Speed (MHz)	2666	*
	Type of Memory	ECC	*
	RAM Size (GB)	16	16, 32, 64, 128, 256, 512, 1024, 2048, 3072, 4096, 48, 96, 192, 384, 768, 1536 Or higher
	Total Numbers of DIMM Slots Available	4	*
	Number of DIMM Slots Populated	2	*
	RAM Expandability upto using spare DIMM Slots (GB)	128	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	2	*
	RAID for Operating System	1	1
	Capacity of each Drive (GB)	1024	1024, 1200, 1800, 2000, 2048, 4000, 4096, 8000, 6000 Or higher
Secondary Storage	Type of Drives used to populate the Internal Bays	SSD	SSD

Total number of Internal Bays available for SATA Drive	0	*
Number of Internal Bays populated with SATA Drive	0	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
Each SATA Drive Capacity (GB)	0	500, 1000, 2000, 4000, 8000, 0, 6000 Or higher
Speed of each SATA Drive (RPM)	0	*
Total SATA Drive Capacity (GB)	0	500, 1000, 2000, 4000, 8000, 3000, 5000, 6000, 7000, 9000, 12000, 16000, 20000, 24000, 28000, 32000, 0 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	4	*
Number of Internal Bays populated with SSD Drive	2	2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
Capacity of each SSD Drive (GB)	1024	1024, 2048 Or higher
Total SSD Capacity (GB)	2048	2048, 4096, 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	1	*
	Number of RAID Controller Ports	4	4, 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 Ports	1	1, 2, 3, 4, 6 Or higher
	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	4	*
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	5	*
	Number of USB Version 3 point 1, Gen 2 Ports	0	*
	Number of USB Type C Ports	1	*
	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	Standard	*
Power	Maximum Power (Watts)	300	*
	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	1	*
	Security	S/W Based	*
	Docking Station for Mobile Workstation	No	*
	Availability of Bundled Software	Yes	*
	Type of Bundled	Standard Performance	*

	Software	Improvement Software	
	Finger Print Reader in case of Mobile Workstation	NA	*
	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)	0	*
	Maximum Operating Temperature (DEgree C)	35	*
	Minimum Operating Humidity (%RH)	10	*
	Maximum Operating Humidity (%RH)	80	*
Warranty	Battery Warranty in case of Mobile Workstation	0	*
	On Site OEM Warranty (Year)	5	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	MURUGAN	620102,Thogamalai Road,	1	30

Bid Specific Additional Terms and Conditions

1. **Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
2. **Consortium:** In case of Contracts, wherein the seller alone does not have necessary expertise, the seller can form consortium with other sellers for submission of the bid, with one of the consortium company as leader. However, each and every member of the consortium shall be equally responsible for the complete execution of the project contract. An undertaking to this effect is to be uploaded with bid.
3. **End User Certificate:** Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.
4. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
5. Bid reserved for Make In India products: Procurement under this bid is reserved for purchase from local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a local supplier, should be as per relevant notification / order issued by the nodal ministry as available on the website of Department of Promotion of Industries and Internal Trade (DPIIT). All bidders must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which the bid is liable to be rejected. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 29.5.2019. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
6. Indian suppliers of this item are not allowed to participate and/ or compete in procurement by some foreign governments. Bidders / products from such countries are not eligible / not allowed to participate in this bid in terms of clause 1 (d) of Public Procurement (Preference to Make in India) Order, 2017
7. Procurement under this bid is reserved for purchase from Micro and Small Enterprises whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, 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.
8. Preference to Make In India products: Preference shall be given to local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a local supplier, should be as per relevant notification / order issued by the nodal ministry as available on the website of Department of Promotion of Industries and Internal Trade (DPIIT). If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated

29.5.2019.

9. ISO 9001: The bidder must have ISO 9001 certification.
10. 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.
11. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
12. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
13. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
14. 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 3 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-imburse the cost of such service / rectification to the Buyer.

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

---Thank You---