

### RA Document

RA Details	
RA Technical End Date/Time	24-07-2020 16:00:00
RA Opening Date/Time	24-07-2020 16:30:00
RA Life Cycle (From Publish Date)	90 (Days)
RA Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Pmo
Department Name	Na
Organisation Name	N/a
Office Name	National Remote Sensing Centre
Total Quantity	3
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
Inspection Required	No

### EMD Detail

Required	No
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### ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	38

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

### Beneficiary:

Sr. PURCHASE AND STORES OFFICER  
National Remote Sensing Centre, NA, N/A, PMO

(Chitrakavi Bhaktavatsalam)

### Splitting

RA splitting not applied.

### Workstation ( 3 pieces ) ( Under PAC )

Make	dell
Model	dellprecision7920tower

### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Processor	Processor Make	Intel	Intel
	Processor Generation	8	8, 9, NA, 10 Or higher
	Number of Cores per Processor	10	10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32 Or higher
	Processor Base Frequency (GHz)	2.2	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 Or higher
	Processor Turbo Frequency (GHz)	3.2	*
	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 4210	Intel Xeon Silver 4116, Intel Xeon Gold 5118, Intel Xeon Gold 5120, Intel Xeon Gold 6126, 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 4210, Intel Xeon Silver 4214, 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 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 Or higher
Number of sockets	2	*

	available on the motherboard		
	<b>Number of Sockets populated with the Processors</b>	2	2 Or higher
	<b>Cache (MB)</b>	13.75	13.75 - 64.0 Or higher
	Out of Band Management	Intel vPro	*
Type	<b>Form Factor</b>	Desktop	Desktop
Motherboard	<b>Chipset Number</b>	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)	0	*
Graphics	<b>Graphics Type</b>	Dedicated/Discrete	Dedicated/Discrete
	<b>Number of Graphic Cards</b>	1	1, 2, 3, 4 Or higher
	<b>Graphic Card Description</b>	nVIDIA Quadro RTX 4000 8GB	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 Or higher
Operating System	<b>Operating System (Factory Pre-Loaded)</b>	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,Ubuntu Linux,Redhat Linux	*

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)	2933	*
	Type of Memory	ECC RDIMM	*
	<b>RAM Size (GB)</b>	64	64, 128, 256, 512, 1024, 2048, 3072, 4096, 96, 192, 384, 768, 1536 Or higher
	Total Numbers of DIMM Slots Available	12	*
	Number of DIMM Slots Populated	4	*
	<b>RAM Expandability upto using spare DIMM Slots (GB)</b>	1024	1024, 3072, 4096, 1536, 2048 Or higher
Primary Storage /Boot Drive	<b>Type of Drives used to populate the internal Bays</b>	SSD	SSD
	Number of Drives	1	*
	<b>RAID for Operating System</b>	NA	NA
	<b>Capacity of each Drive (GB)</b>	512	512, 600, 768, 800, 900, 1000, 1024, 1200, 1800, 2000, 2048, 4000, 4096, 8000, 6000 Or higher
Secondary Storage	<b>Type of Drives used to populate the Internal Bays</b>	SATA	SATA
	Total number of Internal Bays available for SATA Drive	2	*
	<b>Number of Internal Bays populated with SATA Drive</b>	1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	<b>Each SATA Drive Capacity (GB)</b>	2000	2000, 4000, 8000, 6000 Or higher
	Speed of each SATA Drive (RPM)	7200	*
	<b>Total SATA Drive Capacity (GB)</b>	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 *
	<b>Number of Internal Bays populated with SAS Drive</b>	0 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	<b>Capacity of each SAS Drive (GB)</b>	0 300, 600, 900, 1200, 1800, 800, 0, 4000 Or higher
	Speed of each SAS Drive (RPM)	0 *
	<b>Total SAS Drive Capacity (GB)</b>	0 300, 600, 900, 1200, 1800, 2100, 0, 4000 Or higher
	Total number of Internal Bays available for SSD	0 *
	<b>Number of Internal Bays populated with SSD Drive</b>	0 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Or higher
	<b>Capacity of each SSD Drive (GB)</b>	0 128, 256, 512, 1024, 2048, 800, 0 Or higher
	<b>Total SSD Capacity (GB)</b>	0 128, 256, 384, 512, 768, 1024, 2048, 4096, 0, 5120 Or higher
	Total number of Internal Bays available for PCIe SSD	0 *
	<b>Number of Internal Bays populated with PCIe Drive</b>	0 0, 1, 2, 3, 4, 5, 6, 7, 8 Or higher
	<b>Capacity of each PCIe Drive (GB)</b>	0 128, 256, 512, 1024, 2048, 0 Or higher
	<b>Total PCIe Drive Capacity (GB)</b>	0 128, 256, 512, 1024, 2048, 4096, 0, 1536 Or higher
	Class of PCIe Drives	NA *
RAID	RAID level	0,1,5,1+0 *
	<b>Number of RAID Controller Ports</b>	6 6, 7, 8, 10 Or higher
	<b>Speed of RAID Controller Ports (Gbps)</b>	6 6, 12 Or higher
	RAID Controller Cache (GB)	0 *

Connectivity	Type of Ethernet Ports	Dual Gigabit NIC 10/100/1000	*
	<b>Number of Ethernet Ports</b>	2	2, 3, 4, 6 Or higher
	<b>Wireless Connectivity</b>	No	Yes, No Or higher
	<b>If Yes, Type of Wireless Connectivity</b>	NA	Wi-Fi 802.11b/g/n, Wi-Fi 802.11ac, NA Or higher
	<b>Bluetooth Connectivity</b>	No	Yes, No Or higher
	<b>If Yes, Version of Bluetooth Available</b>	0	4, 4.1, 4.2, 5, 0 Or higher
Ports	Number of USB Version 2 Point 0 Ports	1	*
	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	0	*
	Number of DP Ports	3	*
Display	<b>Display Availability</b>	Monitor	Monitor
	<b>Display Size (cm)</b>	68- 71	68- 71, 72- 81, 82 - 87, 88 - 93, 94 - 97, 98 - 105, 107 - 110, 111 - 115, 116 - 120, 121 - 125, 126 - 130 Or higher
	<b>Display Type</b>	Non Touch	Non Touch, Touch Or higher
	<b>Panel Type</b>	Flat	Flat, Curved Or higher
	<b>Panel Technology</b>	IPS	IPS, OLED Or higher
	<b>Display Resolution (Pixels)</b>	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	99% sRGB	*
	Monitor Stand	Height Adjustable	*
Power	Maximum Power (Watts)	1400	*
	Minimum Power Efficiency (%)	80	*
	Power Management Unit	Yes	*
	<b>Redundant Power Supply</b>	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	DVD R/W	*
	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	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	R-67000094	*
	ROHS Compliance	Yes	*
	Other Certification Available (Requisite certificate may be furnished as and when demanded by the buyer)	UL/EN/CE/IEC-60950 for Safety,CE/FCC for EMC & Immunity,UL,FCC	*
Operating Conditions	Minimum Operating Temperature (Degree C)	10	*
	Maximum Operating Temperature (DEgree C)	35	*
	Minimum Operating Humidity (%RH)	20	*
	Maximum Operating Humidity (%RH)	80	*
Warranty	Battery Warranty in case of Mobile Workstation	0	*
	<b>On Site OEM Warranty (Year)</b>	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

#### Consignee/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days	
1	Pattamsetti Srinivas	500037,BALANAGAR, BESIDE HAL CAMPUS, HYDERABAD	3	45	N/A

### Bid Specific Additional Terms and Conditions

1. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
2. 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 Pay & Accounts Officer, NRSC, Balanagar, Hyderabad payable at SBI, HAL Campus Branch, Balanagar, Hyderabad. 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.

3. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
4. 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.
5. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
6. Warranty period of the supplied products shall be 3 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid

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

**---Thank You---**