

RA Document

RA Details	
RA Technical End Date/Time	27-07-2020 14:00:00
RA Opening Date/Time	27-07-2020 14:30:00
RA Life Cycle (From Publish Date)	90 (Days)
RA Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Indian Air Force
Office Name	*****
Total Quantity	8
Item Category	Workstation
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Inspection Required	No

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	0.50
EMD Amount	15560

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	2.00
Duration of ePBG required (Months).	3

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

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

Beneficiary:

Dy SLO

PUBLIC FUND ACCOUNTS, AIR FORCE STATION KANHERI HILLS BANK-SBI ACCTS NO. 10884924034

IFSC CODE- SBIN0009056 JEKE GRAMME BRANCH

(*****)

Splitting

RA splitting not applied.

Workstation (8 pieces)**Technical Specifications**[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Processor	Processor Make	Intel	Intel
	Processor Generation	9	7, 8, 9, NA, 10 Or higher
	Number of Cores per Processor	8	8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32 Or higher
	Processor Base Frequency (GHz)	3.6	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)	4.9	*
	Processor Description	Intel Core i7	*
	Processor Number	Intel Core i7-9700K	*
	Number of sockets available on the motherboard	1	*
	Number of Sockets populated with the Processors	1	1, 2 Or higher
	Cache (MB)	12	1 - 64
	Out of Band Management	Intel vPro	*
Type	Form Factor	Desktop	Desktop
Motherboard	Chipset Number	Intel C246	*

	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	Integrated, Dedicated/Discrete
	Number of Graphic Cards	1	0, 1, 2, 3, 4 Or higher
	Graphic Card Description	nVIDIA Quadro P1000 4GB	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 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,Ubuntu Linux,Redhat Linux	*
Applications	Applications Compatible with the Workstation (Requisite document may be furnished as and when	Adobe After Effects CS/CC,Adobe Illustrator CC,Adobe Media Encoder CS/CC,Adobe Photoshop	*

	demanded by the buyer)	CS/CC,Adobe Premiere Pro CS/CC,Adobe SpeedGrade CC,Autodesk AutoCAD,Autodesk Inventor,Autodesk Maya,Autodesk MotionBuilder,Autodesk Mudbox,Avid Media Composer	
Memory	RAM Type	DDR4	*
	RAM Speed (MHz)	2666	*
	Type of Memory	Non 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	SATA	SATA
	Number of Drives	1	*
	RAID for Operating System	NA	0, 1, NA
	Capacity of each Drive (GB)	1000	*
Secondary Storage	Type of Drives used to populate the Internal Bays	SATA	SATA, SAS, SSD, PCIe, NA
	Total number of Internal Bays available for SATA Drive	3	*
	Number of Internal Bays populated with SATA Drive	1	*
	Each SATA Drive Capacity (GB)	1000	500, 1000, 2000, 4000, 8000, 0, 6000 Or higher
	Speed of each SATA Drive (RPM)	7200	*
	Total SATA Drive Capacity (GB)	1000	1000, 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 *
	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 *
	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	4 2, 3, 4, 5, 6, 7, 8, 10, 0 Or higher
	Speed of RAID Controller Ports (Gbps)	6 6, 12, 0 Or higher
	RAID Controller Cache	0 *

	(GB)		
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	Yes	Yes, No Or higher
	If Yes, Type of Wireless Connectivity	Wi-Fi 802.11ac	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	5	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	4	*
	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, NA Or higher
	Panel Technology	IPS	IPS, TN, VA, OLED, NA 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)	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 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	Yes	*

	buyer)		
	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)	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	*****	*****THANE	8	30	

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.

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

---Thank You---