

### RA Document

RA Details	
RA Technical End Date/Time	23-07-2020 11:00:00
RA Opening Date/Time	23-07-2020 11:30:00
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	Military Engineer Services
Office Name	*****
Total Quantity	1
Item Category	Desktop Computers
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Inspection Required	No

### EMD Detail

Required	No
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### ePBG Detail

Required	No
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### Splitting

RA splitting not applied.

### Desktop Computers ( 1 pieces )

#### Technical Specifications

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

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
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Processor	<b>Processor Make</b>	Intel	Intel
	<b>Processor Generation</b>	8	7.0, 8.0, 9.0 Or higher
	<b>Number of Cores per Processor</b>	6	2, 4, 6, 8 Or higher
	Processor Base Frequency (GHz)	3	*
	<b>Processor Description</b>	Intel Core i5	Intel Core i5, Intel Core i7, Intel Core i9 Or higher
	<b>Processor Number</b>	Intel Core i5 8500	Intel Core i5 7400, Intel Core i5 7600T, Intel Core i5 8400T, Intel Core i5 7500, Intel Core i5 8500T, Intel Core i5 7600, Intel Core i5 7600K, Intel Core i5 8400, Intel Core i5 8500, Intel Core i5 8600, Intel Core i5 8600K, Intel Core i7 7700T, Intel Core i7 7700, Intel Core i7 8700T, Intel Core i7 7700K, Intel Core i7 8700, Intel Core i7 8700K, Intel Core i5 9400, Intel Core i5 9500, Intel Core i5 9600, Intel Core i7 9700, Intel Core i9 9900, Intel Core i7 9700K, Intel Core i9 9900K, Intel Core i9 9900KS, Intel Core i9 9900KF, Intel Core i7 9700KF, Intel Core i7 9700F, Intel Core i7 8086K, Intel Core i5 9600K, Intel Core i5 9600KF, Intel Core i9 9900T, Intel Core i5 9500F, Intel Core i5 9400F, Intel Core i7 9700T, Intel Core i5 9600T, Intel Core i5 8600T, Intel Core i5 9500T, Intel Core i5 9400T Or higher
	Out of Band Management	NA	*
	Cache (MB)	9	*
Motherboard	<b>Chipset Series</b>	Intel H Series	Intel H Series, Intel B

			Series, Intel Q Series Or higher
	Expansion Slots (PCIe x 1) (Number)	1	*
	<b>Chipset Number</b>	Intel H370	Intel H110, Intel H270, Intel H310, Intel H370, Intel B250, Intel B360, Intel Q 250, Intel Q 270, Intel Q 370, Intel B 365 Or higher
	Expansion Slots (PCIe x 4) (Number)	0	*
	Expansion Slots (PCIe x 16) (Number)	1	*
	Expansion Slots (PCI) (Number)	1	*
	Expansion Slots (M Dot 2)	2	*
Graphics	Graphics Type	Integrated	*
	Graphic Card Description	-	*
	Size of Memory in Case of Dedicated Graphic Card (GB)	0	*
	Size of VRAM in case of Integrated Graphics (MB)	-	*
Operating System	<b>Operating System (Factory Pre-Loaded)</b>	Windows 10 Professional	Windows 10 Professional
	Recovery Image Media	-	*
	OS Certification	Windows	*
Memory	Type of RAM	DDR4	*
	<b>RAM Size (GB)</b>	4	4, 8, 16, 32, 64 Or higher
	RAM Speed (MHz)	2666	*
	Total Numbers of DIMM Slots Available	2	*
	Number of DIMM Slots populated	1	*
	<b>RAM Expandability up to( using spare DIMM Slots in GB)</b>	32	8, 16, 32, 64, 0, 128 Or higher
Storage	Total Number of Internal Bays available	2	*
	Number of 2 point 5 inches internal Bays	0	*

Number of 3 point 5 inches Internal Bays	2	*
Number of 2 point 5 Inches Internal Bays Populated	0	*
Number of 3 point 5 Inches Internal Bays Populated	1	*
<b>Type of Drives used to populate the Internal Bays</b>	HDD	HDD, SSD, SSHD, SSED
Number of Internal Bays populated with HDD	1	*
Capacity of each HDD (GB)	1000 @7200 rpm	*
<b>Total HDD Capacity (GB)</b>	1000	500, 1000, 1500, 2000, 2500, 3000 Or higher
Number of Internal Bays populated with SSD	0	*
Capacity of each SSD (GB)	0	*
<b>Total SSD Capacity (GB)</b>	0	128, 256, 384, 512, 768, 0, 1024, 2048 Or higher
Number of Internal Bays populated with SSHD	0	*
Capacity of each SSHD (GB)	NA	*
<b>Total SSHD Capacity in addition to 8 GB Flash (GB)</b>	0	500, 1000, 2000, 0 Or higher
Optane Memory (GB)	0	*
Cabinet	<b>Cabinet Form Factor</b>	Tower (13.1 to 26 Litres) SFF ( 7 to 13 Litres), Tower (13.1 to 26 Litres)
	Cabinet Volume (Litres)	-
	External Bays (Number)	1
	Optical Drive	DVD R/W
	Internal Speaker	Yes
	Audio-in	Yes
	Audio-out	Yes
	Headphone out	Yes

Connectivity	Microphone-in	Yes	*
	Wireless Connectivity	No	*
	If Yes, Type of Wireless Connectivity	NA	*
	Number of Ethernet Ports	1	*
	Type of Ethernet Ports	10/100/1000 on board Integrated Gigabit Port	*
	Bluetooth Connectivity	No	*
Ports	If Yes, Version of Bluetooth Available	0	*
	Number of USB Version 2 Point 0 Ports	4	*
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	4	*
	Number of USB Version 3 point 1, Gen 2 Ports	0	*
	Number of USB Type C Ports	0	*
	Number of Serial Ports	1	*
	Number of Parallel Ports	0	*
	Number of VGA Ports	1	*
	Number of HDMI Ports	1	*
	Number of DP Ports	0	*
Monitor	Model of the Monitor	-	*
	<b>Monitor Technology</b>	IPS	IPS, TN, VA Or higher
	<b>LED Backlit Monitor Size (INCHES)</b>	21.5	21.5, 22, 23, 24, 27, 23.8 Or higher
	<b>Monitor Resolution (PIXELS)</b>	1920x1080	1920x1080, 1920 x 1200, 3200x1800, 3840 x 2160, 2560 x 1440 Or higher
	TCO Certification for Monitor	-	*
	Number of VGA Ports in the Monitor	1	*
	Number of HDMI Ports in the Monitor	1	*
	Number of Display Ports in the Monitor	0	*
	Availability of Webcam integrated with Monitor	No	*

	If Yes, Resolution of Webcam	NA	*
	Availability of Speakers integrated with Monitor	No	*
	If Yes, Number of Speakers available	0	*
Power	Power Supply Capacity (Watt)	-	*
	Minimum Power Efficiency Range (%)	90 - 94	*
Certification	ROHS Compliance	Yes	*
	BEE / Energy Star for the given Model	Yes	*
Input Devices	Mouse Connectivity	Wired	*
	Type of Mouse	Optical Scroll	*
	Keyboard Connectivity	Wired	*
	Type of Keyboard	Standard	*
Operating Conditions	Minimum Operating Temperature	0	*
	Maximum Operating Temperature	40	*
	Minimum Operating Humidity (%RH)	10	*
	Maximum Operating Humidity (%RH)	90	*
Warranty	<b>On Site OEM Warranty (Year)</b>	3	3, 5, 4 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	*****	*****DEHRADUN	1	15	N/A

### Special terms and conditions for category Desktop Computers

- As per notification of MEITY circulated vide letter no. F.No.33(1)/2017-IPHW..dated :14/09/2017, the minimum local content should be 45.percent to qualify as local or domestic manufacturer.\n\nSeller has to ensure that operating system software etc comes preloaded with machine from respective OEM . Any deviation in respect of genuinity and authenticity of

OS will attract severe penalty on part of seller as law of the land and contractual provisions. Buyer are also requested to verify the key no of OS etc with server of Microsoft/Linux before accepting machines to avoid complexity at latter stage.

## **Bid Specific Additional Terms and Conditions**

1. 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.
2. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

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

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