

RA Document

RA Details	
RA Technical End Date/Time	21-01-2019 15:00:00
RA Life Cycle (From Publish Date)	90 (Days)
RA Offer Validity (From End Date)	15 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Secr
Total Quantity	34
Item Category	Desktop Computers
MSE Exemption For Years Of Experience And Turnover	Yes

Desktop Computers (34)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Allowed Values
Processor	Processor Make	Intel	Intel
	Processor Generation	8	7.0, 8.0 Or higher
	Number of Cores per Processor	4	2, 4, 6, 8 Or higher
	Processor Base Frequency (GHz)	3.6	*
	Processor Description	Intel Core i3	Intel Celeron, Intel Pentium, Intel Core i3, Intel Core i5, Intel Core i7 Or higher
	Processor Number	Intel Core i3 8100	*
	Out of Band Management	NA	*
	Cache (MB)	6	*

Motherboard	Chipset Series	Intel Q Series	Intel H Series, Intel B Series, Intel Q Series Or higher
	Chipset Number	Intel Q 370	Intel H110, Intel H270, Intel H310, Intel H370, Intel B250, Intel B360, Intel Q 250, Intel Q 270, Intel Q 370 Or higher
	Expansion Slots (PCIe x 1) (Number)	1	*
	Expansion Slots (PCIe x 4) (Number)	1	*
	Expansion Slots (PCIe x 16) (Number)	1	*
	Expansion Slots (PCI) (Number)	0	*
	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	Operating System (Factory Pre-Loaded)	Windows 10 Professional	Windows 10 Professional, Linux, DOS, Windows 10 Home, Windows 10 Professional under Microsoft Shape the Future Program
	Recovery Image Media	-	*
	OS Certification	Windows	*
Memory	Type of RAM	DDR4	*
	RAM Size (GB)	4	4, 8, 16, 32, 64 Or higher
	RAM Speed (MHz)	2400	*
	Total Numbers of DIMM Slots Available	4	*
	Number of DIMM Slots populated	1	*
	RAM Expandability up to(using spare	64	8, 16, 32, 64, 0 Or higher

	DIMM Slots in GB)		
Storage	Total Number of Internal Bays available	3	*
	Number of 2 point 5 inches internal Bays	2	*
	Number of 3 point 5 inches Internal Bays	1	*
	Number of 2 point 5 Inches Internal Bays Populated	0	*
	Number of 3 point 5 Inches Internal Bays Populated	1	*
	Type of Drives used to populate the Internal Bays	HDD	HDD, SSD, SSHD, SSED
	Number of Internal Bays populated with HDD	1	*
	Capacity of each HDD (GB)	1000 @7200 rpm	*
	Total HDD Capacity (GB)	1000	500, 1000, 1500, 2000, 2500, 3000, 0 Or higher
	Number of Internal Bays populated with SSD	0	*
	Capacity of each SSD (GB)	0	*
	Total SSD Capacity (GB)	0	128, 256, 384, 512, 768, 0 Or higher
	Number of Internal Bays populated with SSHD	0	*
	Capacity of each SSHD (GB)	NA	*
	Total SSHD Capacity in addition to 8 GB Flash (GB)	0	500, 1000, 2000, 0 Or higher
	Optane Memory (GB)	0	*
Cabinet	Cabinet Form Factor	Tower (13.1 to 26 Litres)	SFF (7 to 13 Litres), Tower (13.1 to 26 Litres)
	Cabinet Volume (Litres)	-	*
	External Bays (Number)	1	*

Connectivity	Optical Drive	DVD R/W	*
	Internal Speaker	Yes	*
	Audio-in	Yes	*
	Audio-out	Yes	*
	Headphone out	Yes	*
	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	*
	If Yes, Version of Bluetooth Available	0	*
Ports	Number of USB Version 2 Point 0 Ports	4	*
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	2	*
	Number of USB Version 3 point 1, Gen 2 Ports	4	*
	Number of USB Type C Ports	1	*
	Number of Serial Ports	0	*
	Number of Parallel Ports	0	*
	Number of VGA Ports	1	*
	Number of HDMI Ports	0	*
	Number of DP Ports	2	*
Monitor	Model of the Monitor	-	*
	Monitor Technology	IPS	IPS, TN, VA Or higher
	LED Backlit Monitor Size (INCHES)	19.5	18.5, 19.5, 21.5, 22, 23, 24, 27 Or higher
	Monitor Resolution (PIXELS)	1440 x 900	1366x768, 1440 x 900, 1600 x 900, 1920x1080, 1920 x 1200, 3200x1800, 3840 x 2160 Or higher
	TCO Certification for Monitor	-	*
	Number of VGA Ports in	1	*

	the Monitor		
	Number of HDMI Ports in the Monitor	0	*
	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	5	*
	Maximum Operating Temperature	35	*
	Minimum Operating Humidity (%RH)	5	*
	Maximum Operating Humidity (%RH)	90	*
Warranty	On Site OEM Warranty (Year)	3	3, 5 Or higher

* Bold specifications are the golden parameters.

Consignee/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days	
1	Noble Dean Lakra	495004,Office of PFA/SECR/BSP, 2nd floor , New GM building, South east central railway	34	15	N/A

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

RA splitting not applied.

Special terms and conditions for category Desktop Computers

1) 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.

Buyer Specific Additional Terms and Conditions

- 1. Scope of supply (Bid price to include all cost components) :** Supply Installation Testing and Commissioning of Goods
- 2. Procurement under this bid is reserved for purchase from :** Local Supplier as defined in Public Procurement (Preference to Make in India), Order 2017 and its subsequent Orders / Notifications issued by concerned Nodal Ministry for specific Goods/ Products.
- 3. SLBR04**
- 4. Inspection charges shall be borne by the supplier and it shall not be reimbursed by indenter to them at any point in time. Cost of inspection shall be factored in by the supplier in the cost of the product itself while submitting bid. The inspection agency will conduct the inspection and submit the certificate to the supplier as well as the buyers and consignees. The bidder will be solely responsible for pre-inspected material for Quality Assurance including pre-despatch inspection/ testing at manufacturer's site by RITES Ltd.**

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

---Thank You---