

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 16:00:00
Bid Opening Date/Time	20-07-2020 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	North Western Railway
Total Quantity	3
Item Category	All in One PC
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
Estimated Bid Value	113997

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

All In One PC (3 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Processor	Processor Make	Intel	Intel
	Processor Generation	8	8.0 Or higher
	Number of Cores per Processor	4	4, 6, 8 Or higher
	Processor Base Frequency (GHz)	3.1	*
	Processor Description	Intel Core i3	Intel Core i3, Intel Core i5, Intel Core i7, Intel Core i9 Or higher
	Processor Number	Intel Core i3 8100T	Intel Core i3 8100T, Intel Core i3 7300, Intel Core i3 8300T, Intel Core i3 7320, Intel Core i3 7350K, Intel Core i3 8100, Intel Core i3 8300, Intel Core i5 7400T, Intel Core i5 7500T, 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 i5 8250U, Intel Core i7 8700, Intel Core i3 8130U, Intel Core i5 8700K, Intel Core i5 Turbo Boost 3.6 GHz, Intel Core i5 Turbo Boost 4.1 GHz, Intel Core i5 Turbo Boost 4.3 GHz, Intel Core i5 Turbo Boost 4.6 GHz, Intel Core i3, Intel Core i3 9100, Intel Core i3 9300, Intel Core i3 9320, Intel Core i5

			9400, Intel Core i5 9500, Intel Core i5 9600, Intel Core i7 9700, Intel Core i9 9900, Intel Core i5 9500T, Intel Core i7 9700T Or higher
	Out of Band Management	NA	*
	Cache (MB)	6	*
Motherboard	Chipset Series	OEM	Intel H Series, Intel B Series, Intel Q Series, OEM Or higher
	Chipset Number	On OEM Motherboard	Intel H110, Intel H270, Intel H310, Intel H370, Intel B250, Intel B360, Intel Q 250, Intel Q 270, Intel Q 370, On OEM Motherboard Or higher
	Expansion Slots (M Dot 2)	1	*
Graphics	Graphics Type	Integrated	*
	Graphic Card Description	-	*
	Size of Memory in Case of Dedicated Graphic Card (GB)	0	0, 1, 2, 3, 4, 8 Or higher
	Size of VRAM in case of Integrated Graphics (MB)	0	*
Operating System	Operating System (Factory Pre-Loaded)	Windows 10 Home	Windows 10 Home
	Recovery Image Media	NA	*
	OS Certification	Windows	*
Memory	Type of RAM	DDR4	*
	RAM Size (GB)	4	4, 8, 16, 32 Or higher
	RAM Speed (MHz)	2400	*
	Total Numbers of DIMM Slots Available	2	*
	Number of DIMM Slots populated	1	*
	RAM Expandability up to(using spare DIMM Slots in GB)	8	8, 16, 32, 64 Or higher
Storage	Type of Drives used to populate the	SSD	SSD

	Internal Bays		
	Number of Internal Bays populated with HDD	0	*
	Capacity of each HDD (GB)	NA	*
	Total HDD Capacity (GB)	0	500, 1000, 1500, 2000, 2500, 3000, 0 Or higher
	Number of Internal Bays populated with SSD	1	*
	Capacity of each SSD (GB)	512	*
	Total SSD Capacity (GB)	512	512, 768, 1024, 2048, 4096 Or higher
Display	Optane Memory (GB)	0	*
	Display Size (INCHES)	21.5	21.5, 22, 23.6, 23.8, 27, 34, 37.5 Or higher
	Display Type	Non Touch	Non Touch, Touch Or higher
	Panel Technology	IPS	IPS Or higher
	Display Resolution (PIXELS)	1920x1080	1920x1080, 1920 x 1200, 3200x1800, 3840 x 2160, 3440 x 1440, 4096x2304, 5120x2880 Or higher
	Availability of Webcam integrated with Display	Yes	Yes
	If yes, Resolution of Webcam	HD	*
	Availability of Speakers integrated with Display	Yes	*
Connectivity	If Yes, Number of Speakers available	2	*
	Wireless Connectivity	Yes	*
	If Yes, Type of Wireless Connectivity	Wi-Fi 802.11ac	*
	Number of Ethernet Ports	1	*
	Type of Ethernet Ports	10/100/1000 on board Integrated Gigabit Port	*
	Bluetooth Connectivity	Yes	*
	If Yes, Version of Bluetooth Available	4.2	*

Ports	Number of USB Version 2 Point 0 Ports	2	*
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	0	*
	Number of USB Version 3 point 1, Gen 2 Ports	2	*
	Number of USB Type C Ports	0	*
	Number of Serial Ports	0	*
	Number of VGA Ports	0	*
	Number of HDMI Ports	1	*
	Number of DP Ports	0	*
Generic	Optical Drive	DVD R/W	*
	Audio-in	Yes	*
	Audio-out	No	*
	Headphone out	Yes	*
	Microphone-in	Yes	*
	Stand	Standard	*
Power	Power Supply	External	*
	Power Supply Capacity (Watt)	65	*
	Minimum Power Efficiency Range (%)	85 - 90	*
Certification	BIS Registration under CRS of Meity	Yes	*
	BIS Registration Number and its Validity	-	*
	ROHS Compliance	Yes	*
	BEE / Energy Star for the given Model	Yes	*
	Other Certification Available	None	*
Input Devices	Mouse Connectivity	Wireless	*
	Type of Mouse	Optical Scroll	*
	Keyboard Connectivity	Wireless	*
	Type of Keyboard	Standard	*
Operating Conditions	Minimum Operating Temperature	10	*
	Maximum Operating Temperature	35	*
	Minimum Operating	35	*

	Humidity (%RH)		
	Maximum Operating Humidity (%RH)	80	*
Warranty	On Site OEM Warranty (Year)	1	1, 3, 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	Shailesh Mathur	305001,Diesel, Loco and Wagon Workshop, NWR, Ajmer	3	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.
2. 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.
3. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
4. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
5. 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 Bid is also governed by the General Terms and Conditions](#)

---Thank You---