

Bid Document

| Bid Details | |
|--|-----------------------|
| Bid End Date/Time | 15-01-2019 10:00:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 15 (Days) |
| Ministry/State Name | Ministry Of Railways |
| Department Name | Na |
| Organisation Name | N/a |
| Office Name | North Western Railway |
| Total Quantity | 3 |
| Item Category | Desktop Computers |
| MSE Exemption For Years Of Experience And Turnover | Yes |

Desktop Computers (3)

Technical Specifications

[* As per GeM Category Specification](#)

| Specification | Specification Name | Values | Allowed Values |
|---------------|---------------------------------------|--------------------|---|
| Processor | Processor Make | Intel | Intel, AMD |
| | Processor Generation | 7 | 7, 8 Or higher |
| | Number of Cores per Processor | 4 | 2, 4, 6, 8 Or higher |
| | Processor Base Frequency (GHz) | 3 | * |
| | Processor Description | Intel Core i5 | * |
| | Processor Number | Intel Core i5 7400 | * |
| | Out of Band Management | NA | * |
| | Cache (MB) | 6 | * |
| Motherboard | Chipset Series | Intel H Series | Intel H Series, Intel B Series, Intel Q Series, |

| | | | |
|------------------|---|-------------------------|---|
| | | | AMD B Series Or higher |
| | Chipset Number | Intel H110 | Intel H110, Intel H270, Intel H310, Intel H370, Intel B250, Intel B360, Intel Q 250, Intel Q 270, Intel Q 370, AMD B350 Or higher |
| | Expansion Slots (PCIe x 1) (Number) | 2 | * |
| | Expansion Slots (PCIe x 4) (Number) | 0 | * |
| | Expansion Slots (PCIe x 16) (Number) | 1 | * |
| | Expansion Slots (PCI) (Number) | 1 | * |
| | Expansion Slots (M Dot 2) | 1 | * |
| 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 | 2 | * |
| | Number of DIMM Slots populated | 1 | * |
| | RAM Expandability up to(using spare DIMM Slots in GB) | 32 | 8, 16, 32, 64, 0 Or higher |

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| Storage | Total Number of Internal Bays available | 3 | * |
| | Number of 2 point 5 inches internal Bays | 1 | * |
| | 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 | * |
| | 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) | 2 | * |
| | Optical Drive | DVD R/W | * |

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|--------------|--|--|--|
| | Internal Speaker | No | * |
| | Audio-in | Yes | * |
| | Audio-out | Yes | * |
| | Headphone out | Yes | * |
| | Microphone-in | Yes | * |
| Connectivity | 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 | 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 | 1 | * |
| | Number of VGA Ports | 1 | * |
| | Number of HDMI Ports | 1 | * |
| | Number of DP Ports | 0 | * |
| | | | |
| Monitor | Model of the Monitor | - | * |
| | Monitor Technology | TN | IPS, TN, VA Or higher |
| | LED Backlit Monitor Size (INCHES) | 21.5 | 18.5, 19.5, 21.5, 22, 23, 24, 27 Or higher |
| | Monitor Resolution (PIXELS) | 1920x1080 | 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 the Monitor | 1 | * |

| | | | |
|----------------------|--|----------------|----------------|
| | 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 | Yes | * |
| | If Yes, Number of Speakers available | 2 | * |
| Power | Power Supply Capacity (Watt) | - | * |
| | Minimum Power Efficiency Range (%) | 85 - 89 | * |
| 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 | 10 | * |
| | Maximum Operating Temperature | 40 | * |
| | Minimum Operating Humidity (%RH) | 10 | * |
| | Maximum Operating Humidity (%RH) | 90 | * |
| Warranty | On Site OEM Warranty (Year) | 3 | 3, 5 Or higher |

* Bold specifications are the golden parameters.

Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address | Quantity | Delivery Days |
|-------|-----------------------------|--|----------|---------------|
| 1 | Sudhir Kumar Sharma | 307026,Diesel Shed, North Western Railway, Aburoad | 3 | 15 |

EMD Detail

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| Required | No |
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ePBG Detail

| | |
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| Required | No |
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Splitting

Bid 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 Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
- 2. Procurement under this bid is reserved for purchase from :** Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category.
- 3. Purchase preference will be given to MSME and Startup (Local supplier) :** (if L-1 is not from selected category and 4 / 5 Seller (s) from selected category has/have quoted price within L-1 + Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category (Preference to MSME - 15%) % of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and award contract for percentage of total value as defined/ decided in relevant policy) Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category (Preference to MSME - 15%)
- 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**

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

---Thank You---