

Bid Document

| Bid Details | |
|--|---|
| Bid End Date/Time | 27-07-2020 15:00:00 |
| Bid Opening Date/Time | 27-07-2020 15:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 60 (Days) |
| Ministry/State Name | Ministry Of Railways |
| Department Name | Na |
| Organisation Name | N/a |
| Office Name | Eastern Railway |
| Total Quantity | 8 |
| Item Category | Desktop Computers |
| MSE Exemption for Years of Experience and Turnover | No |
| Startup Exemption for Years of Experience and Turnover | No |
| Document required from seller | OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer |
| Bid to RA enabled | No |
| Inspection Required | No |

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.

Desktop Computers (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 | 9.0 Or higher |
| | Number of Cores per Processor | 6 | 6, 8 Or higher |
| | Processor Base Frequency (GHz) | 3 | * |
| | Processor Description | Intel Core i5 | Intel Core i5, Intel Core i7, Intel Core i9 Or higher |
| | Processor Number | Intel Core i5 9500 | * |
| | Out of Band Management | NA | * |
| | Cache (MB) | 9 | * |
| Motherboard | Chipset Series | Intel B Series | Intel H Series, Intel B Series, Intel Q Series Or higher |
| | Expansion Slots (PCIe x 1) (Number) | 1 | * |
| | Chipset Number | Intel B 365 | 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) | 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 |
| | Recovery Image Media | - | * |
| | OS Certification | Windows | * |
| Memory | Type of RAM | DDR4 | * |
| | RAM Size (GB) | 8 | 8, 16, 32, 64 Or higher |
| | RAM Speed (MHz) | 2666 | * |
| | 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, 128 Or higher |

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| Storage | Total Number of Internal Bays available | 1 | * |
| | Number of 2 point 5 inches internal Bays | 0 | * |
| | 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 |
| | Number of Internal Bays populated with HDD | 1 | * |
| | Capacity of each HDD (GB) | 1000 @7200 rpm | * |
| | Total HDD Capacity (GB) | 1000 | 1000, 1500, 2000, 2500, 3000 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, 1024, 2048 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 | SFF (7 to 13 Litres) | SFF (7 to 13 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 | * |
| | 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 | * |

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|----------------------|--|----------------------------|--|
| Ports | Number of USB Version 2 Point 0 Ports | 4 | * |
| | Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports | 6 | * |
| | 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 | 1 | * |
| Monitor | Model of the Monitor | - | * |
| | Monitor Technology | IPS | IPS, TN, VA Or higher |
| | LED Backlit Monitor Size (INCHES) | 21.5 | 19.5, 21.5, 22, 23, 24, 27, 20, 23.8 Or higher |
| | Monitor Resolution (PIXELS) | 1920x1080 | 1600 x 900, 1920x1080, 1920 x 1200, 3200x1800, 3840 x 2160, 1280 x 1024, 2560 x 1440 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 | 1 | * |
| | Availability of Webcam integrated with Monitor | No | * |
| | If Yes, Resolution of Webcam | NA | * |
| 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 with Rupee Symbol | * |
| Operating Conditions | Minimum Operating Temperature | 10 | * |

| | | | |
|----------|------------------------------------|----|-------------------|
| | Maximum Operating Temperature | 35 | * |
| | Minimum Operating Humidity (%RH) | 35 | * |
| | Maximum Operating Humidity (%RH) | 80 | * |
| Warranty | On Site OEM Warranty (Year) | 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

Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address | Quantity | Delivery Days |
|-------|-----------------------------|------------------------------|----------|---------------|
| 1 | Mita Roy | 700001,Fairly Palace Kolkata | 8 | 15 |

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.

Bid Specific Additional Terms and Conditions

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

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

---Thank You---