

Bid Document

| Bid Details | |
|--|---|
| Bid End Date/Time | 20-07-2020 12:00:00 |
| Bid Opening Date/Time | 20-07-2020 12:30:00 |
| 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 | 1 |
| Item Category | All in One PC |
| 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

| | |
|----------|----|
| Required | No |
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ePBG Detail

| | |
|----------|----|
| Required | No |
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Splitting

Bid splitting not applied.

All In One PC (1 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 | 6 | 6, 8 Or higher |
| | Processor Base Frequency (GHz) | 3.2 | * |
| | Processor Description | Intel Core i7 | Intel Core i7, Intel Core i9 Or higher |
| | Processor Number | Intel Core i7 8700 | Intel Core i7 8700, Intel Core i9 9900 Or higher |
| | Out of Band Management | NA | * |
| | Cache (MB) | 12 | * |
| Motherboard | Chipset Series | Intel B Series | Intel H Series, Intel B Series, Intel Q Series Or higher |
| | Chipset Number | Intel B360 | Intel H310, Intel H370, Intel B360, Intel Q 250, Intel Q 270, Intel Q 370 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 Professional | Windows 10 Professional |
| | Recovery Image Media | CD from the OEM / Stored in Partition of the Hard Disk / USB Drive from the OEM / On Line / Cloud, | * |
| | OS Certification | Windows | * |

| | | | |
|---------|---|-----------|---|
| Memory | Type of RAM | DDR4 | * |
| | RAM Size (GB) | 8 | 8, 16, 32 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) | 64 | 64 Or higher |
| Storage | Type of Drives used to populate the Internal Bays | HDD | HDD |
| | 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 | 0 | * |
| | Capacity of each SSD (GB) | 512 | * |
| | Total SSD Capacity (GB) | 512 | 512, 768, 1024, 2048, 4096 Or higher |
| | Optane Memory (GB) | 0 | * |
| Display | 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 | * |

| | | | |
|---------------|--|--|---|
| | If Yes, Number of Speakers available | 2 | * |
| Connectivity | 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 | 4.1 | * |
| Ports | Number of USB Version 2 Point 0 Ports | 2 | * |
| | 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 | 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 | Yes | * |
| | Headphone out | Yes | * |
| | Microphone-in | Yes | * |
| | Stand | Standard | * |
| Power | Power Supply | External | * |
| | Power Supply Capacity (Watt) | 120 | * |
| | 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 | FCC | * |
| 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 |

* 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 | Mahendra Kumar Vishwakarma | 700001,17, N S ROAD, FAIRLIE PLACE | 1 | 30 |

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---