

### Bid Document

| Bid Details  |  |
|--|--|
| Bid End Date/Time                                  | 15-01-2019 11:00:00                          |
| Bid Life Cycle (From Publish Date)                 | 90 (Days)                                    |
| Bid Offer Validity (From End Date)                 | 60 (Days)                                    |
| Ministry/State Name                                | Ministry Of Coal                             |
| Department Name                                    | Materials Management                         |
| Organisation Name                                  | Mahanadi Coalfields Limited                  |
| Office Name  | General Manager Materials Management Mcl Hqr |
| Total Quantity                                     | 9  |
| Item Category                                      | Desktop Computers                            |
| MSE Exemption For Years Of Experience And Turnover | No   |

### Desktop Computers ( 9 )

#### Technical Specifications

[\\* As per GeM Category Specification](#)

| Specification | Specification Name                    | Values             | Allowed Values   |
|---------------|---------------------------------------|--------------------|--|
| Processor     | <b>Processor Make</b>                 | Intel              | Intel, AMD   |
|               | <b>Processor Generation</b>           | 8                  | 7.0, 8.0 Or higher   |
|               | <b>Number of Cores per Processor</b>  | 6                  | 2, 4, 6, 8 Or higher   |
|               | <b>Processor Base Frequency (GHz)</b> | 2.8                | *  |
|               | <b>Processor Description</b>          | Intel Core i5      | Intel Core i5, Intel Core i7, AMD Ryzen 5, AMD Ryzen 7 Or higher |
|               | <b>Processor Number</b>               | Intel Core i5 8400 | *  |
|               | Out of Band Management                | NA                 | *  |
|               | Cache (MB)                            | 9                  | *  |
| Motherboard   | <b>Chipset Series</b>                 | Intel B Series     | Intel H Series, Intel B  |

|                  |   |                         |   |
|------------------|---|-------------------------|---|
|                  |   |                         | Series, Intel Q Series, AMD B Series Or higher  |
|                  | <b>Chipset Number</b>   | Intel B360              | 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 | <b>Operating System (Factory Pre-Loaded)</b>                  | Windows 10 Professional | Windows 10 Professional, Windows 10 Home  |
|                  | Recovery Image Media  | -                       | *   |
|                  | OS Certification  | Windows                 | *   |
| Memory           | Type of RAM   | DDR4                    | *   |
|                  | <b>RAM Size (GB)</b>  | 8                       | 4, 8, 16, 32, 64 Or higher  |
|                  | RAM Speed (MHz)   | 2666                    | *   |
|                  | Total Numbers of DIMM Slots Available                         | 2                       | *   |
|                  | Number of DIMM Slots populated                                | 1                       | *   |
|                  | <b>RAM Expandability up to( using spare DIMM Slots in GB)</b> | 32                      | 8, 16, 32, 64, 0 Or higher  |
| Storage          | Total Number of Internal Bays available                       | 2                       | *   |
|                  | Number of 2 point 5   | 2                       | *   |

|         |   |                           |  |
|---------|---|---------------------------|--|
|         | inches internal Bays                                      |                           |  |
|         | Number of 3 point 5 inches Internal Bays                  | 0                         | *  |
|         | Number of 2 point 5 Inches Internal Bays Populated        | 1                         | *  |
|         | Number of 3 point 5 Inches Internal Bays Populated        | 0                         | *  |
|         | <b>Type of Drives used to populate the Internal Bays</b>  | HDD                       | HDD, SSD, SSHD, SSED                             |
|         | Number of Internal Bays populated with HDD                | 1                         | *  |
|         | Capacity of each HDD (GB)                                 | 1000 @7200 rpm            | *  |
|         | <b>Total HDD Capacity (GB)</b>                            | 1000                      | 500, 1000, 1500, 2000, 2500, 3000, 0 Or higher   |
|         | Number of Internal Bays populated with SSD                | 0                         | *  |
|         | Capacity of each SSD (GB)                                 | 0                         | *  |
|         | <b>Total SSD Capacity (GB)</b>                            | 0                         | 128, 256, 384, 512, 768, 0 Or higher             |
|         | Number of Internal Bays populated with SSHD               | 0                         | *  |
|         | Capacity of each SSHD (GB)                                | NA                        | *  |
|         | <b>Total SSHD Capacity in addition to 8 GB Flash (GB)</b> | 0                         | 500, 1000, 2000, 0 Or higher                     |
|         | Optane Memory (GB)  | 0                         | *  |
| Cabinet | <b>Cabinet Form Factor</b>                                | 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                   | *  |
|         | Internal Speaker  | No                        | *  |
|         | Audio-in  | Yes                       | *  |
|         | Audio-out   | Yes                       | *  |

|              |  |  |  |
|--------------|--|--|--|
| Connectivity | 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   | *  |
| Ports        | If Yes, Version of Bluetooth Available                   | 0  | *  |
|              | 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                                 | 0  | *  |
|              | Number of VGA Ports                                      | 1  | *  |
|              | Number of HDMI Ports                                     | 1  | *  |
|              | Number of DP Ports                                       | 0  | *  |
| Monitor      | Model of the Monitor                                     | -  | *  |
|              | <b>Monitor Technology</b>                                | TN   | IPS, TN, VA Or higher  |
|              | <b>LED Backlit Monitor Size (INCHES)</b>                 | 19.5   | 18.5, 19.5, 21.5, 22, 23, 24, 27 Or higher                           |
|              | <b>Monitor Resolution (PIXELS)</b>                       | 1600 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                                   | No   | *  |

|                      |  |                |                |
|----------------------|--|----------------|----------------|
|                      | integrated with Monitor                          |                |                |
|                      | 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             | <b>On Site OEM Warranty (Year)</b>               | 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     | s s singh                   | 759148,OFFICE OF THE GENERAL MANAGER, BHARATPUR AREA, AT PO N.S.Nagar, Bharatpur, Via Talcher, Dist Angul 759148 | 9        | 15            |

#### EMD Detail

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

#### ePBG Detail

|  |  |
|--|--|
|  |  |
|--|--|

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

### 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 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. **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. **Timely Servicing / rectification of defects during warrantee period:** After having been notified of the defects / service requirement during warrantee period, Seller has to complete the required Service / Rectification within time limit specified. If the Seller fails to complete service / rectification with defined time limit, a penalty of defined % of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).
  - (i) Time Limit for Service / Rectification of defects will be as defined in the SLA document for the service.
  - (ii) Penalty per week of delay as % of unit price of product will be as defined in the SLA document for the service.Seller to give compliance Yes / No while submitting bid.

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

---Thank You---