# Bid Document

| Bid Details | |
|---|---|
| Bid End Date/Time | 27-07-2020 11:00:00 |
| Bid Opening Date/Time | 27-07-2020 11:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 50 (Days) |
| Ministry/State Name | Ministry Of Coal |
| Department Name | Materials Management |
| Organisation Name | Nlc |
| Office Name | Materials Management |
| Total Quantity | 6 |
| Item Category | Laptop-Notebook |
| 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 | 173940 |

**EMD Detail**

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

**ePBG Detail**

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

**Splitting**

Bid splitting not applied.

## Laptop-Notebook ( 6 pieces )

**Technical Specifications**

[* As per GeM Category Specification](#)

| Specification | Specification Name | Values | Bid Requirement (Allowed Values) |
|---|---|---|---|
| Construction | **Form Factor** | Standard | Standard, Convertible, Detachable |

|  |  |  |  |
|---|---|---|---|
|  | Chassis Material | ABS Plastic | * |
|  | Hinges | Metallic | * |
| Processor | **Processor Make** | Intel | Intel |
|  | **Processor Generation** | 7 | 7.0 Or higher |
|  | **Number of Cores per Processor** | 2 | 2, 4, 6, 8 Or higher |
|  | Processor Base Frequency (GHz) | 2.3 | * |
|  | **Processor Description** | Intel Core i3 | Intel Core i3, Intel Core i5, Intel Core i7 Or higher |
|  | **Processor Number** | Intel Core i3 7020U | Intel Core i3 7020U, Intel Core i3 7100U, Intel Core i5 7Y54, Intel Core i5 7Y57, Intel Core i3 7130U, Intel Core i7 7Y75, Intel Core i3 7167U, Intel Core i3 7100H, Intel Core i5 7200U, Intel Core i5 7300U, Intel Core i7 7500U, Intel Core i3 8130U, Intel Core i5 7260U, Intel Core i5 7267U, Intel Core i5 7360U, Intel Core i5 7287U, Intel Core i3 8109U, Intel Core i7 7600U, Intel Core i7 7560U, Intel Core i7 7660U, Intel Core i7 7567U, Intel Core i5 8250U, Intel Core i5 8259U, Intel Core i5 8269U, Intel Core i5 8300U, Intel Core i5 8350U, Intel Core i7 8550U, Intel Core i7 8559U, Intel Core i7 8650U, Intel Core i3 8100H, Intel Core i5 8300H, Intel Core i5 8400H, Intel Core i7 8650H, Intel Core i7 8750H, Intel Core i7 8850H, Intel Core i3 8145U, Intel Core i5 8265U, Intel Core i7 8565U, Intel Core i5 8365U, Intel Core i7 8665U, Intel Core i5 9300H, Intel Core i5 9400H, Intel Core i7 9750H, Intel Core i7 9850H, Intel Core i5, Turbo Boost up to 3.9GHz, with 128MB of eDRAM, Intel Core i7, Turbo Boost up to 4.5GHz, with 12MB shared L3 cache, Intel Core i7 8569U Or higher |
|  | Out of Band Management | NA | * |
|  | Cache (MB) | 3 | * |
| Motherboard | 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, 6 Or higher |
|  | Size of VRAM in case of Integrated Graphics (MB) | - | * |

| Operating System | Operating System (Factory Pre-Loaded) | Windows 10 Home | Windows 10 Professional, Windows 10 Home |
|---|---|---|---|
| | Recovery Image Media | - | * |
| | OS Certification | Windows | 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) | 16 | 16, 32 Or higher |
| Storage | Type of Drives used to populate the Internal Bays | HDD | HDD, SSD, SSHD, SSED, PCIe SSD |
| | Number of Internal Bays populated with HDD | 1 | * |
| | Capacity of each HDD (GB) | 1000 @5400 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 | 128, 256, 512, 1024, 2048, 0 |
| | Total SSD Capacity (GB) | 0 | 128, 256, 384, 512, 768, 1024, 1280, 2048, 4096, 0 Or higher |
| | Number of Internal Bays populated with SSHD | 0 | * |
| | Capacity of each SSHD (GB) | NA | 8 GB Flash + 500 GB @5400 rpm, 8 GB Flash + 1000 GB @5400 rpm, 8 GB Flash + 2000 GB @5400 rpm, NA Or higher |
| | Total SSHD Capacity in addition to 8 GB Flash (GB) | 0 | 500, 1000, 1500, 0 Or higher |
| | Optane Memory (GB) | 0 | * |
| Connectivity | Wireless Connectivity | Yes | Yes, No |
| | If Yes, Type of Wireless Connectivity | Wi-Fi 802.11ac | * |
| | Number of Ethernet Ports | 1 | * |
| | If available, Type of Ethernet Ports | 10/100/1000 on board Integrated Gigabit Port | * |
| | Bluetooth Connectivity | Yes | Yes, No |
| | If Yes, Version of Bluetooth Available | 4.2 | * |
| Ports | Number of USB Version 2 Point 0 Ports | 1 | * |

| | | | |
|---|---|---|---|
| | Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports | 2 | * |
| | 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 | * |
| | Number of Thunderbolt Port | - | * |
| Display | **Display Size (Inch)** | 15.6 | 15.4, 15.6, 16 Or higher |
| | **Display Type** | - | Non Touch, Touch Or higher |
| | Display Technology | LED HD Backlit | * |
| | **Panel Technology** | TN | IPS, TN, VA Or higher |
| | **Display Resolution (Pixels)** | 1366x768 | 1366x768, 1440 x 900, 1600 x 900, 1920x1080, 1920 x 1200, 3200x1800, 3840 x 2160, 2304 x 1440, 2560 x 1600, 2736 x 1824, 2880 x 1800, 2256x1504, 3000x2000, 3240x2160, 3272 x 1920, 2880 x 1920, 3072 x 1920 Or higher |
| | **Availability of Webcam integrated with Display** | Yes | Yes, No |
| | **If Yes, Resolution of Webcam** | HD | VGA, HD, FHD, NA Or higher |
| | **Infra Red Webcam** | No | Yes, No |
| Miscellaneous | **Optical Drive** | Integrated | Integrated, External, NA Or higher |
| | Type of Optical Drive | DVD R/W | * |
| | **Internal Speaker (Dual)** | Yes | Yes, No |
| | Audio-in | Yes | * |
| | Audio-out | Yes | * |
| | Headphone out | Yes | * |
| | Microphone-in | Yes | * |
| | Type of Keyboard | Standard | * |
| | Backlit Keyboard | No | * |
| | Spill Resistant Keyboard | No | * |
| | Pointing Device/Touchpad | Touchpad with multi-touch gestures enabled | * |
| | Finger Print Reader | No | * |
| | Hardware Trusted Platform Enabled | Yes | * |
| | **Carry Case** | Yes | Yes |
| | If Yes, Type of Carry Case | Back Pack | * |
| | Security Lock Slot | Yes | * |

| | If Yes,Availability of Cable Lock | No | * |
|---|---|---|---|
| | Weight (Including Battery) (Kilogram) | 1.78 | * |
| Power | Battery Type | - | * |
| | Battery Chemistry | Li - ion | * |
| | Battery Capacity (Watt Hour) | 41 | * |
| | Battery Backup Time (Hours) | 12 | * |
| Certification | BIS Registration under CRS of Meity | Yes | * |
| | BIS Registration Number and its validity | - | * |
| | BEE / Energy Star for the given Model | Yes | * |
| | ROHS Compliance | Yes | * |
| | Other Certifications available | - | * |
| Operating Conditions | Minimum Operating Temperature | 0 | * |
| | Maximum Operating Temperature | 35 | * |
| | Minimum Operating Humidity (%RH) | 10 | * |
| | Maximum Operating Humidity (%RH) | 90 | * |
| Warranty | **Battery Warranty** | 3 | 1, 3, 4 Or higher |
| | **On Site OEM Warranty (Year)** | 3 | 3 |

 * 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**

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 **Consignees/Reporting Officer and Quantity**

| S.No. | Consignee/Reporting Officer | Address | Quantity | Delivery Days |
|---|---|---|---|---|
| 1 | Meganathan Rajangam | 607807,MINES SUB STORES, NEW SERVICE UNIT, NLC INDIA LIMITED, NEYVELI | 6 | 15 |

**Special terms and conditions for category Laptop-Notebook**

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 40 percent to qualify as local or domestic manufacturer.

# 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---**