

Bid Document

| Bid Details | |
|--|---------------------------------------|
| Bid End Date/Time | 27-07-2020 14:00:00 |
| Bid Opening Date/Time | 27-07-2020 14:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 30 (Days) |
| Ministry/State Name | Himachal Pradesh |
| Department Name | Education Department Himachal Pradesh |
| Organisation Name | Higher Education Department |
| Office Name | Directorate Of Higher Education |
| Total Quantity | 26 |
| Item Category | Desktop Computers |
| 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 |

EMD Detail

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

ePBG Detail

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

Splitting

Bid splitting not applied.

Desktop Computers (26 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 | 4 | 4, 6, 8, 10 Or higher |
| | Processor Base Frequency (GHz) | 3.6 | * |
| | Processor Description | Intel Core i3 | Intel Core i3, Intel Core i5, Intel Core i7, Intel Core i9 Or higher |
| | Processor Number | Intel Core i3 9100 | Intel Core i5 7600K, Intel Core i5 8400, Intel Core i5 8500, Intel Core i5 8600, Intel Core i5 8600K, Intel Core i7 7700T, Intel Core i7 7700, Intel Core i7 8700T, Intel Core i7 7700K, Intel Core i7 8700, Intel Core i7 8700K, Intel Core i3 9100, Intel Core i3 9300, Intel Core i3 9320, Intel Core i5 9400, Intel Core i5 9500, Intel Core i5 9600, Intel Core i7 9700, Intel Core i9 9900, Intel Core i7 9700K, Intel Core i9 9900K, Intel Core i9 9900KS, Intel Core i9 9900KF, Intel Core i7 9700KF, Intel Core i7 9700F, Intel Core i7 8086K, Intel Core i5 9600K, Intel Core i5 9600KF, Intel Core i9 9900T, Intel Core i5 9500F, Intel Core i5 9400F, Intel Core i3 9350KF, Intel Core i3 9350K, Intel Core i7 9700T, Intel Core i3 8350K, Intel Core i5 9600T, Intel Core i5 8600T Or higher |
| | Out of Band Management | NA | * |
| | Cache (MB) | 6 | * |
| | | | |
| 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 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) | 4 | 4, 8, 16, 32, 64, 128 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 | 32, 64, 128 Or higher |
| 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, 4000 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, 4096 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), Tower (13.1 to 26 Litres) |
| | Cabinet Volume (Litres) | - | * |
| | External Bays (Number) | 1 | * |

| | | | | |
|--|--------------|--|--|---|
| | | Optical Drive | DVD R/W | * |
| | | Internal Speaker | No | * |
| | | Audio-in | Yes | * |
| | | Audio-out | Yes | * |
| | | Headphone out | Yes | * |
| | | Microphone-in | Yes | * |
| | 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 | 4.2 | * |
| | 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 | 0 | * |
| | | 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 | - | * |
| | | Monitor Technology | TN | IPS, TN, VA Or higher |
| | | LED Backlit Monitor Size (INCHES) | 21.5 | 21.5, 22, 23, 24, 27, 23.8 Or higher |
| | | Monitor Resolution (PIXELS) | 1920x1080 | 1920x1080, 1920 x 1200, 3200x1800, 3840 x 2160, 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 | 0 | * |
| | | Availability of Webcam integrated with Monitor | No | * |
| | | If Yes, Resolution of Webcam | NA | * |
| | | Availability of Speakers integrated with Monitor | No | * |

| | | | |
|----------------------|---------------------------------------|----------------|-------------------|
| | If Yes, Number of Speakers available | 0 | * |
| Power | Power Supply Capacity (Watt) | - | * |
| | Minimum Power Efficiency Range (%) | 90 - 94 | * |
| 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 | 0 | * |
| | Maximum Operating Temperature | 40 | * |
| | Minimum Operating Humidity (%RH) | 10 | * |
| | Maximum Operating Humidity (%RH) | 90 | * |
| 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 | Lalit Thakur | 171201,Govt College Theog Distt Shimla H.P | 26 | 10 |

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.Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 10 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% 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).Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imberse the cost of such service /

rectification to the Buyer.

2. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.

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

---Thank You---