

### Bid Document

Bid Details	
Bid End Date/Time	30-01-2019 12:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Human Resource Development
Department Name	Department Of Higher Education
Organisation Name	National Institute Of Technology (nit)
Office Name	M G Avenue , Durgapur 713209, Wb
Total Quantity	7
Item Category	Desktop Computers
MSE Exemption For Years Of Experience And Turnover	No

### Desktop Computers ( 7 )

#### 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, 8 Or higher
	<b>Number of Cores per Processor</b>	4	2, 4, 6, 8 Or higher
	<b>Processor Base Frequency (GHz)</b>	3.6	*
	<b>Processor Description</b>	Intel Core i3	*
	<b>Processor Number</b>	Intel Core i3 8100	*
	Out of Band Management	NA	*
	Cache (MB)	6	*
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)	1	*
	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	<b>Operating System (Factory Pre-Loaded)</b>	Windows 10 Professional	Windows 10 Professional, Linux, DOS, Windows 10 Home, Windows 10 Professional under Microsoft Shape the Future Program
	Recovery Image Media	-	*
	OS Certification	Windows	*
Memory	Type of RAM	DDR4	*
	<b>RAM Size (GB)</b>	4	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 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	*
	<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>	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	Yes	*
	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	No	*
	If Yes, Version of Bluetooth Available	0	*
Ports	Number of USB Version 2 Point 0 Ports	2	*
	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	-	*
	<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>	1440 x 900	1366x768, 1440 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 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 (%)	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	35	*
	Minimum Operating Humidity (%RH)	35	*
	Maximum Operating Humidity (%RH)	80	*
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	ALOK KUMAR CHATTOPADHYAY	713209,M G AVENUE DURGAPUR , WB-713209	7	21

#### EMD Detail

Required	No
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#### ePBG Detail

Required	No
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#### 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 Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
- 2. Purchase preference will be given to MSME and Startup (Local supplier) :** (if L-1 is not from selected category and 4 / 5 Seller (s) from selected category has/have quoted price within L-1 + Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category (Preference to MSME - 15%) % of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and award contract for percentage of total value as defined/ decided in relevant policy) Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category (Preference to MSME - 15%)
- 3. Availability of service Centres :** Bidder /OEM must have Service Centre In the District of each Consignee's Location
- 4. Dedicated toll Free Telephone No. for Service Support :** BIDDER /OEM must have **Dedicated toll Free Telephone No. for Service Support**
- 5. Escalation Matrix For Service Support :** Bidder /OEM must provide **Escalation Matrix of Telephone Numbers for Service Support**
- 6. 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.
- 7. The Purchaser reserves the right to increase or decrease the ordered quantity up to 25 percent at the time of placement of contract . The purchaser also reserves the right to increase the contracted qty up to 25% during the currency of the contract at the contracted**

rates. Bidders are bound to accept the orders accordingly

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

**---Thank You---**