

Bid Document

Bid Details	
Bid End Date/Time	09-11-2020 09:00:00
Bid Opening Date/Time	09-11-2020 09:30:00
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	Indian Institute Of Science Education And Research (iisers)
Office Name	Pune 411008
Total Quantity	3
Item Category	Laptop-Notebook , Computer Printers , Tablet Computers
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC),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
Primary product category	Tablet Computers
Inspection Required	No
Estimated Bid Value	176000

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

MSE Purchase Preference

MSE Purchase Preference	Yes
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1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of

Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

Laptop-Notebook (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Construction	Form Factor	Standard	Standard
	Chassis Material	Alluminium	*
	Hinges	Metallic	*
Processor	Processor Make	AMD	AMD
	Processor Generation	10	10.0 Or higher
	Number of Cores per Processor	6	6, 8 Or higher
	Processor Base Frequency (GHz)	2.3	*
	Processor Description	AMD Ryzen 5	AMD Ryzen 5, AMD Ryzen 7 Or higher
	Processor Number	AMD Ryzen 5 4500U	AMD Ryzen 5 4500U, AMD Ryzen 5 4600U, AMD Ryzen 5 PRO 4650U, AMD Ryzen 7 4700U, AMD Ryzen 7 PRO 4750U, AMD Ryzen 7 4800U Or higher
	Out of Band Management	NA	*
	Cache (MB)	11	*
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 Professional	Windows 10 Professional
	Recovery Image Media	-	*
	OS Certification	Windows	Windows

Memory	Type of RAM	DDR4	*
	RAM Size (GB)	8	8, 16, 32, 64 Or higher
	RAM Speed (MHz)	3200	*
	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 Or higher
Storage	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 @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	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
	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
	If Yes, Version of Bluetooth Available	5	*
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	1	*
	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)	14	14, 15, 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
	If Yes, Resolution of Webcam	HD	HD, FHD Or higher
	Infra Red Webcam	No	No
Miscellaneous	Optical Drive	NA	Integrated, External, NA Or higher
	Type of Optical Drive	N/A	*
	Internal Speaker (Dual)	Yes	Yes
	Audio-in	No	*
	Audio-out	No	*
	Headphone out	Yes	*
	Microphone-in	Yes	*
	Type of Keyboard	Standard	*
	Backlit Keyboard	No	*
	Spill Resistant Keyboard	Yes	*
	Pointing Device/Touchpad	Touchpad with multi-touch gestures enabled	*
	Finger Print Reader	Yes	*
	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)	1.6	*
Power	Battery Type	-	*
	Battery Chemistry	Li - Polymer	*
	Battery Capacity (Watt Hour)	45	*
	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	3, 4, 5 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.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	John Albert K	411008,Indian Institute of Science Education and Research, Pune (IISER) Dr.Homi Bhabha Road , Pashan, Pune Email: purchase@iiserpune.ac.in For Delivery Status: 020 2590 8169 For Payment Status: 020 2590 8180/8452	1	15

Computer Printers (1 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Specifications	Cartridge Technology	Composite Cartridge	Composite Cartridge, separate toner and drum Or higher
	Printing Technology	Laser	Laser
	Type of Printing	Colour	Colour
	Paper Size	A4	A4, A3 Or higher
	Print Speed per minute as per ISO/IEC 24734 in (A4) Size - Mono	40	40, 43, 45, 47, 50, 52, 55, 60, 61, 65, 70, 71, 75, 80, 85, 90, 95, 100, 105, 110, 62, 41, 46, 56 Or higher
	Print Speed per minute as per ISO/IEC 24734 in (A4) - Color	40	40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 46 Or higher
	Resolution (Dpi)	9600x600	*
	Memory (MB)	512	*
	Hard Disk Capacity (GB)	0	*
	Processor Speed	800 MHz	*
	Duplexing Feature	Yes	Yes Or higher
	Duplex Print Speed (IPM)	20	*
	Network Connectivity	Yes	*
	Network Interface, if available	Ethernet 10/100/1000	*
	Wireless Connectivity	No	Yes, No Or higher
	If Yes, Type of Wireless Connectivity	NA	*
	USB Port	Yes	*
	Number of Main Paper Trays	1	1, 2, 3, 4, 5 Or higher
	Each Main Paper Tray Capacity	550	*
	Bypass Tray Facility	Yes	Yes Or higher
If Yes, Bypass Tray Capacity	50	*	
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19798/2007(E) for Cyan colour (Number of prints)	2500	*	
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19798/2007(E) for Yellow colour (Number of prints)	2500	*	
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per	4000	*	

ISO/IEC: 19752/2004(E) for Black (Number of prints)		
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology -Cyan	0	*
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Yellow	0	*
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Magenta	0	*
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Black	0	*
Duty Cycle (No of Prints/month)	80000	*
Minimum Operating Temperature (Degree C)	10	*
Maximum Operating Temperature (Degree C)	30	*
Minimum Operating Humidity (%RH)	20	*
Maximum Operating Humidity (% RH)	80	*
BIS Registration under CRS of Meity	Yes	*
BIS Registration no	-	*
Other Certifications Available	UL,CE	*
Dimensions(In mm x mm x mm)	-	*
Weight (In kg)	-	*
On site OEM warranty (Years)	1	1, 3, 5, 2, 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.

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1	John Albert K	411008,Indian Institute of Science Education and Research, Pune (IISER) Dr.Homi Bhabha Road , Pashan, Pune Email:	1	15

purchase@iiserpune.ac.in For
Delivery Status: 020 2590 8169
For Payment Status: 020 2590
8180/8452

Tablet Computers (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Display	Display Size (Minimum) (Inch)	10.2	10, 10.5, 11, 11.5, 12, 12.5, 12.9, 10.2 Or higher
	Display Resolution (Pixels)	2160vx 1620	2560 x 1600, 2732 x 2048, 2388 x 1668, 2224 x 1668 Or higher
	Display Type	IPS	*
	Type of Touch Screen	Capacitive	*
	Display Colour	16 Million	*
	Multitouch Support	Yes	*
	Brightness (Minimum) (Nits)	500	500, 600 Or higher
Operating System	Operating System Details	iOS 12.0 or Higher	Android Oreo 8.0 or Higher, iOS 12.0 or Higher, Android Pie 9.0 or Higher Or higher
Technology	Mobile Commn Technology	NA	*
Connectivity	Connectivity Type	Wifi	Wifi, Wifi + Cellular Or higher
	Cellular Data Support	NA	3G, 4G / LTE, VoLTE, NA, GSM/Edge Or higher
	GPS	No	Yes, No Or higher
	AGPS	No	Yes, No Or higher
	Number of GSM SIM Available	0	0, 1, 2 Or higher
	Cellular Voice Calling	No	No
	Wi-Fi Connectivity Type	802.11 b/g/n,802.11a/b/g/n,802.11 ac	*
	Bluetooth Connectivity (Minimum Version)	4.2	*
Processor	Processor Speed (Minimum) (GHz)	NA for iPad	1.3 to 1.5, 1.51 to 1.8, 1.81 to 1.99, 2.0 & higher, NA for iPad Or higher
	Processor Core (Number)	NA for iPad	2, 4, 6, 8, NA for iPad Or higher
	Processor Architecture	64 Bit	*
	Processor Make	Apple	*
Memory	RAM Type	NA for iPad	*
	RAM Size (GB)	NA for iPad	1, 2, 3, 4, 8, NA for iPad Or higher

Storage	Internal Storage Capacity (GB)	128	128, 256, 512, 1024 Or higher
	Micro SD Card Support	No	*
	Storage upgradable upto (Through Micro SD Card) (GB)	NA	*
Camera	Rear Camera (Mega Pixel)	8	5, 8, 12, 13 Or higher
	Front Camera (Mega Pixel)	1.2	1.2, 1.3, 2, 5, 7, 8 Or higher
	Video Recording Resolution	1080p	*
	Video Recording Frame Rate (fps)	30	*
	Digital Zoom	Yes	*
	Geotagging Feature	Yes	*
General	Battery Capacity (minimum) (mAH)	4001 - 5000	4001 - 5000, 5001 - 6000, 6001 - 7000, 7001 & higher Or higher
	Weight including Battery (max) (Grams)	500	*
	Dimensions (Length x Breadth x Thickness) (mm x mm x mm)	-	*
	Docking Compatibility	No	*
Certification	Specific Absorption Rate (SAR)	<= 1.6 Watts/Kg	*
	BIS Registration Under CRS of Meity for Tablet alongwith Battery	Yes	*
	BIS Regn number And its validity	-	*
	Google Mobile Service Certification for Android OS	NA for Windows and iOS	*
	Other Certifications Available (Details of the relevant certificate number and the name/ID of corresponding notified Bodies shall be provided as and when demanded by the buyer)	FCC	*
Standard Accessories	Standard Accessories to be supplied with the Tablet	USB Cable & Charger	*
Additional Accessories (OEM / Third Party)	OTG Cable	No	Yes, No Or higher
	Docking Station	No	Yes, No Or higher
	Compatible Carry Case	No	Yes, No Or higher
	Compatible Smart Cover	Yes	Yes Or higher
	Compatible Active	Yes	Yes Or higher

	Stylus		
	Ear Phone	No	Yes, No Or higher
Miscellaneous	USB Ports	Lightning	*
	Audio Port	3.5mm Jack	*
	Additional Features	Accelerometer,Gyroscope	*
	Inbuilt Speaker	Yes	*
	If Yes, Type of Inbuilt Speaker	Stereo	*
Other Options	Availability of Mobile Device Management (MDM) Support	No	No
	Mobile Device Management (MDM) License and Support (Year)	0	0, 1, 2, 3 Or higher
	Mobile Device Management Hosting (MDM)	NA	NA
	Device Enrolment Program (DEP) License and Support (Year)	Yes	Yes
	Device Enrolment Program (DEP) License and Support (Year)	2	0, 1, 2, 3 Or higher
Operating Conditions	Minimum Operating Temperature (degree Celsius)	-	*
	Maximum Operating Temperature (degree Celsius)	-	*
	Minimum Operating Humidity (%RH)	-	*
	Maximum Operating Humidity (%RH)	-	*
Warranty	Availability of Service Centre for Warranty Obligation	State Level	State Level, District Level Or higher
	OEM Warranty including Battery	Carry In	*
	OEM Warranty Period for Battery (Year)	2	2 Or higher
	OEM Warranty Period for Tablet (Year)	2	2, 3 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.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
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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.Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
- 2.Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 3.Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

4.Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

- (i) Inhibit the desires and designed function of the equipment.
- (ii) Cause physical damage to the user or equipment during the exploitation.
- (iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

- 5.OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
- 6.Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
- 7.The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.
Applicable Concessional rate of GST : 5%
Notification No.and date : The rate of GST applicable to IISER Pune is 5% for the items procured for Research purpose as per Notification No. 45/2017-Central Tax (Rate) New Delhi, 14th November, 2017 and Notification No. 47/2017-Integrated Tax (Rate) New Delhi, 14th November, 2017 dated 14/11/2017
- 8.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-imburse the cost of such service / rectification to the Buyer.

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority.

While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---