

Bid Document

Bid Details	
Bid End Date/Time	17-02-2020 10:00:00
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	Indian Institute Of Science Education And Research (iisers)
Office Name	Pune 411008
Total Quantity	1
Item Category	Laptop-Notebook
MSE Exemption For Years Of Experience And Turnover	Yes
Startup Exemption For Years Of Experience And Turnover	Yes
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

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Laptop-Notebook (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Processor	Processor Make	Intel	Intel, AMD
	Processor Generation	8	7, 8, 0, 9 Or higher
	Number of Cores per Processor	4	4, 6, 8 Or higher
	Processor Base Frequency (GHz)	1.4	*
	Processor Description	Intel Core i5	Intel Celeron, Intel Pentium, Intel Core i3, Intel Core i5, AMD E2, AMD PRO A4, AMD PRO A6, AMD A9, AMD PRO A8, AMD PRO A12, AMD Ryzen 3, AMD Ryzen 5, AMD Ryzen 7, Intel Core i7, AMD PRO A10, Intel Core i9 Or higher
	Processor Number	Intel Core i5, Turbo Boost up to 3.9GHz, with 128MB of eDRAM	Intel Celeron N3060, Intel Celeron N3160, Intel Celeron N3350, Intel Pentium N3710, Intel Celeron N3450, Intel Celeron N4000, Intel Pentium N4200, Intel Pentium 4410Y, Intel Celeron 3965Y, Intel Pentium 4415Y, Intel Pentium N4100, Intel Pentium Silver N5000, Intel Pentium 3965U, Intel Pentium 4415U, 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, AMD E2 9000e,
AMD PRO A4 4350B,
AMD A6 9210, AMD A6
9220, AMD PRO A6
9500B, AMD PRO A6
7350B, AMD A9 9410,
AMD A9 9420, AMD
PRO A8 9600B, AMD
PRO A10 9620P, AMD
PRO A10 9700B, AMD
PRO A12 9800B, AMD
Ryzen 3 2200U, AMD
Ryzen 3 2300U, AMD
PRO Ryzen 3 2300U,
AMD Ryzen 5 2500U,
AMD PRO Ryzen 5
2500U, AMD Ryzen 7
2700U, AMD PRO
Ryzen 7 2700U, AMD
A4 9120, AMD A4 9125,
AMD A6 9225, AMD A9
9425, Intel Core i3
8145U, Intel Core i5
8265U, Intel Core i7
8565U, AMD A4 9120e,
AMD A4 9120c, 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 3.6GHz, with 4MB L3
cache, Intel Core i5,
Turbo Boost up to
3.9GHz, with 128MB of
eDRAM, Intel Core i5,

			Turbo Boost up to 4.1GHz, with 128MB of eDRAM, Intel Core i7, Turbo Boost up to 4.5GHz, with 12MB shared L3 cache, Intel Core i9, Turbo Boost up to 4.8GHz, with 16MB shared L3 cache, Intel Core i9-9880H, AMD A6 9220e, AMD A9 9420e, AMD Ryzen 3 3200U, AMD Ryzen 3 3300U, AMD PRO Ryzen 3 3300U, AMD Ryzen 5 3500U, AMD PRO Ryzen 5 3500U, AMD Ryzen 7 3700U, AMD PRO Ryzen 7 3700U Or higher
	Out of Band Management	AMD DASH	*
	Cache (MB)	3	*
Construction	Form Factor	Standard	Standard
	Chassis Material	CNC Alluminium	*
	Hinges	Metallic	*
Motherboard	Expansion Slots (M Dot 2)	0	*
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)	Mac OS Mojave	Mac OS Mojave
	Recovery Image Media	-	*
	OS Certification	Mac OS	Mac OS
Memory	Type of RAM	LPDDR3	*
	RAM Size (GB)	8	8, 16, 32 Or higher
	RAM Speed (MHz)	2133	*
	Total Numbers of DIMM Slots Available	0	*
	Number of DIMM Slots populated	0	*

	RAM Expandability up to(using spare DIMM Slots in GB)	0	8, 16, 32, 0 Or higher
Storage	Type of Drives used to populate the Internal Bays	SSD	SSD
	Number of Internal Bays populated with HDD	0	*
	Capacity of each HDD (GB)	NA	*
	Total HDD Capacity (GB)	0	500, 1000, 1500, 2000, 2500, 3000, 0 Or higher
	Number of Internal Bays populated with SSD	0	*
	Capacity of each SSD (GB)	256	256
	Total SSD Capacity (GB)	256	256, 384, 512, 768, 1024, 1280, 2048, 4096 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	0	*
	If available, Type of Ethernet Ports	NA	*
	Bluetooth Connectivity	Yes	Yes
	If Yes, Version of Bluetooth Available	5	*

Ports	Number of USB Version 2 Point 0 Ports	0	*
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	0	*
	Number of USB Version 3 point 1, Gen 2 Ports	0	*
	Number of USB Type C Ports	2	*
	Number of Serial Ports	0	*
	Number of VGA Ports	0	*
	Number of HDMI Ports	0	*
	Number of DP Ports	0	*
	Number of Thunderbolt Port	-	*
Display	Display Size (Inch)	13.3	13.3, 13.5, 14, 15, 15.4, 15.6, 16 Or higher
	Display Type	-	Non Touch, Touch Or higher
	Display Technology	LED HD Backlit	*
	Panel Technology	IPS	IPS Or higher
	Display Resolution (Pixels)	2560 x 1600	3200x1800, 3840 x 2160, 2560 x 1600, 2736 x 1824, 2880 x 1800, 3000x2000, 3240x2160, 3272 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	No	*
	Type of Keyboard	Standard	*

	Backlit Keyboard	Yes	*
	Spill Resistant Keyboard	No	*
	Pointing Device/Touchpad	Touchpad with multi-touch gestures enabled	*
	Finger Print Reader	Yes	*
	Hardware Trusted Platform Enabled	Yes	*
	Carry Case	No	No
	If Yes, Type of Carry Case	NA	*
	Security Lock Slot	No	*
	If Yes, Availability of Cable Lock	No	*
	Weight (Including Battery) (Kilogram)	1.37	*
Power	Battery Type	-	*
	Battery Chemistry	Li - Polymer	*
	Battery Capacity (Watt Hour)	58.2	*
	Battery Backup Time (Hours)	10	*
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	10	*
	Maximum Operating Temperature	35	*
	Minimum Operating Humidity (%RH)	0	*
	Maximum Operating Humidity (%RH)	90	*
Warranty	Battery Warranty	1	1, 3, 4 Or higher
	On Site OEM Warranty (Year)	1	1, 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	John Albert K	411008,Indian Institute of Science Education and Research, Pune (IISER) Dr.Homi Bhabha Road , Pashan Pune 411008 Email: purchase@iiserpune.ac.in For Payment Status: 020 2590 8180/8452 For Delivery Status : 020 2590 8246, PUNE CITY, 411008	1	20

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. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
4. 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 : 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
5. 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.

6. 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.

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

---Thank You---