



Bid Number: GEM/2020/B/618769
Dated: 03-04-2020

Bid Document

Bid Details	
Bid End Date/Time	24-04-2020 11:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	65 (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	2
Item Category	Tablet Computers , All in One PC
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
Primary product category	All in One PC

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Tablet Computers (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Operating System	Operating System Details	iOS 12.0 or Higher	Android Oreo 8.0 or Higher, iOS 12.0 or Higher Or higher
Display	Display Size (Minimum) (Inch)	11	11, 11.5, 12, 12.5, 12.9 Or higher
	Display Resolution (Pixels)	2388 x 1668	2560 x 1600, 2732 x 2048, 2388 x 1668 Or higher
	Display Type	IPS	*
	Type of Touch Screen	Capacitive	*
	Display Colour	16 Million	*
	Multitouch Support	Yes	*
	Brightness (Minimum) (Nits)	600	600 Or higher
Technology	Mobile Commn Technology	GSM	*
Connectivity	Connectivity Type	Wifi + Cellular	Wifi + Cellular Or higher
	Cellular Data Support	3G,4G / LTE,VoLTE,GSM/Edge	3G, 4G / LTE, VoLTE, GSM/Edge Or higher
	GPS	No	Yes, No Or higher
	AGPS	Yes	Yes Or higher
	Number of GSM SIM Available	1	1, 2 Or higher
	Cellular Voice Calling	No	No
	Wi-Fi Connectivity Type	802.11 ac	*
	Bluetooth Connectivity (Minimum Version)	5	*
Processor	Processor Speed (Minimum) (GHz)	NA for iPad	1.3 to 1.5, 1.51 to 1.8, 1.8 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, 1.5, 2, 3, 4, 8, NA for iPad Or higher
Storage	Internal Storage Capacity (GB)	64	64, 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)	12	12, 13 Or higher
	Front Camera (Mega Pixel)	7	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	CE,FCC,RoHS	*

	demanded by the buyer)		
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 Stylus	Yes	Yes Or higher
	Ear Phone	No	Yes, No Or higher
Miscellaneous	USB Ports	Type C	*
	Audio Port	Type C	*
	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) for automation of MDM and Supervision of iOS devices	Yes	Yes
	Device Enrolment Program (DEP) License and Support (Year)	2	2, 3 Or higher
Operating Conditions	Minimum Operating Temperature (Degree C)	-	*
	Maximum Operating Temperature (Degree C)	-	*

	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 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	30

All In One PC (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Processor	Processor Make	Intel	Intel
	Processor Generation	8	8.0 Or higher

	Number of Cores per Processor	6	6, 8 Or higher
	Processor Base Frequency (GHz)	3	*
	Processor Description	Intel Core i5	Intel Core i5, Intel Core i7, Intel Core i9 Or higher
	Processor Number	Intel Core i5 Turbo Boost 4.1 GHz	Intel Core i5 8400, Intel Core i5 8500, Intel Core i5 8600, Intel Core i5 8600K, Intel Core i7 7700, Intel Core i7 8700T, Intel Core i7 7700K, Intel Core i5 8250U, Intel Core i7 8700, Intel Core i5 8700K, Intel Core i5 Turbo Boost 4.1 GHz, Intel Core i5 Turbo Boost 4.3 GHz, Intel Core i5 Turbo Boost 4.6 GHz, Intel Core i5 9400, Intel Core i5 9500, Intel Core i5 9600, Intel Core i7 9700, Intel Core i9 9900, Intel Core i7 9700T Or higher
	Out of Band Management	NA	*
	Cache (MB)	9	*
Motherboard	Chipset Series	OEM	Intel H Series, Intel B Series, Intel Q Series, OEM Or higher
	Chipset Number	On OEM Motherboard	Intel H110, Intel H270, Intel H310, Intel H370, Intel B250, Intel B360, Intel Q 250, Intel Q 270, Intel Q 370, On OEM Motherboard Or higher
	Expansion Slots (M Dot 2)	0	*
Graphics	Graphics Type	Dedicated/Discrete	*
	Graphic Card Description	-	*
	Size of Memory in Case of Dedicated Graphic Card (GB)	4	4, 8 Or higher
	Size of VRAM in case of Integrated Graphics (MB)	0	*

Operating System	Operating System (Factory Pre-Loaded)	Mac OS	Mac OS
	Recovery Image Media	CD from the OEM / Stored in Partition of the Hard Disk / USB Drive from the OEM / On Line / Cloud,	*
	OS Certification	Mac	*
Memory	Type of RAM	DDR4	*
	RAM Size (GB)	8	8, 16, 32 Or higher
	RAM Speed (MHz)	2666	*
	Total Numbers of DIMM Slots Available	2	*
	Number of DIMM Slots populated	2	*
	RAM Expandability up to(using spare DIMM Slots in GB)	0	8, 16, 32, 64, 0 Or higher
Storage	Type of Drives used to populate the Internal Bays	HDD	HDD
	Number of Internal Bays populated with HDD	0	*
	Capacity of each HDD (GB)	NA	*
	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	*
	Total SSD Capacity (GB)	0	128, 256, 384, 512, 768, 1024, 2048, 4096, 0 Or higher
	Optane Memory (GB)	0	*
Display	Display Size (INCHES)	21.5	21.5, 22, 23.6, 23.8, 27, 34, 37.5 Or higher
	Display Type	Non Touch	Non Touch, Touch Or higher
	Panel Technology	IPS	IPS Or higher
	Display Resolution (PIXELS)	4096x2304	4096x2304, 5120x2880 Or higher
	Availability of Webcam integrated	Yes	Yes

	with Display		
	If yes, Resolution of Webcam	HD	*
	Availability of Speakers integrated with Display	Yes	*
	If Yes, Number of Speakers available	2	*
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	2	*
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	0	*
	Number of USB Version 3 point 1, Gen 2 Ports	2	*
	Number of USB Type C Ports	1	*
	Number of Serial Ports	0	*
	Number of VGA Ports	0	*
	Number of HDMI Ports	0	*
	Number of DP Ports	0	*
Generic	Optical Drive	N/A	*
	Audio-in	No	*
	Audio-out	No	*
	Headphone out	Yes	*
	Microphone-in	No	*
	Stand	Standard	*
Power	Power Supply	Integrated	*
	Power Supply Capacity (Watt)	240	*
	Minimum Power Efficiency Range (%)	85 - 90	*
Certification	BIS Registration under CRS of Meity	Yes	*

	BIS Registration Number and its Validity	-	*
	ROHS Compliance	Yes	*
	BEE / Energy Star for the given Model	Yes	*
	Other Certification Available	FCC	*
Input Devices	Mouse Connectivity	Wireless	*
	Type of Mouse	Optical Scroll	*
	Keyboard Connectivity	Wireless	*
	Type of Keyboard	Standard	*
Operating Conditions	Minimum Operating Temperature	10	*
	Maximum Operating Temperature	35	*
	Minimum Operating Humidity (%RH)	5	*
	Maximum Operating Humidity (%RH)	95	*
Warranty	On Site OEM Warranty (Year)	1	1, 3, 5 Or higher

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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. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

5. 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.

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.
7. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
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.
9. Preference to Make In India products: Preference shall be given to local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a local supplier, should be as per relevant notification / order issued by the nodal ministry as available on the website of Department of Promotion of Industries and Internal Trade (DPIIT). If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 29.5.2019.

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

---Thank You---