

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 13:00:00
Bid Opening Date/Time	27-07-2020 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (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	4
Item Category	All in One PC (PAC Only) , Tablet Computers (PAC Only) , All in One PC , Computer Printers
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	416750

EMD Detail

Required	No
----------	----

ePBG Detail

Required	No
----------	----

Splitting

Bid splitting not applied.

All In One PC (1 pieces) (Under PAC)

Make	apple
------	-------

Model	appleimac27inchwith5kretinadisplaymrr12hna
-------	--

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Processor	Processor Make	Intel	Intel, AMD
	Processor Generation	9	7, 8, 9, 10 Or higher
	Number of Cores per Processor	6	2, 4, 6, 8 Or higher
	Processor Base Frequency (GHz)	3.7	*
	Processor Description	Intel Core i5	*
	Processor Number	Intel Core i5 Turbo Boost 4.6 GHz	*
	Out of Band Management	NA	*
	Cache (MB)	9	*
Motherboard	Chipset Series	OEM	Intel H Series, Intel B Series, Intel Q Series, AMD B Series, OEM, Intel Z Series Or higher
	Chipset Number	On OEM Motherboard	*
	Expansion Slots (M Dot 2)	0	*
Graphics	Graphics Type	Dedicated/Discrete	*
	Graphic Card Description	Radeon Pro 580X 8GB	*
	Size of Memory in Case of Dedicated Graphic Card (GB)	8	0, 1, 2, 3, 4, 8 Or higher
	Size of VRAM in case of Integrated Graphics (MB)	0	*
Operating System	Operating System (Factory Pre-Loaded)	Mac OS	Windows 10 Professional, Linux, DOS, Windows 10 Home, 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	4, 8, 16, 32 Or higher
	RAM Speed (MHz)	2666	*
	Total Numbers of DIMM Slots Available	4	*
	Number of DIMM Slots populated	2	*
	RAM Expandability up to using spare DIMM Slots in GB)	64	8, 16, 32, 64, 0 Or higher
Storage	Type of Drives used to	HDD	HDD, SSD, PCIe_SSD

	populate the Internal Bays		
	Number of Internal Bays populated with HDD	0	*
	Capacity of each HDD (GB)	NA	*
	Total HDD Capacity (GB)	2000	500, 1000, 1500, 2000, 2500, 3000, 0 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)	27	18.5, 19.5, 20, 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, TN, VA Or higher
	Display Resolution (PIXELS)	5120x2880	1366x768, 1440 x 900, 1600 x 900, 1920x1080, 1920 x 1200, 3200x1800, 3840 x 2160, 3440 x 1440, 4096x2304, 5120x2880 Or higher
	Availability of Webcam integrated with Display	Yes	Yes, No
	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	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	4	*
	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	*
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	R-41000450	*
	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

* 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	1	30

(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

Tablet Computers (1 pieces) (Under PAC)

Make	apple
Model	apple11-inchipadprowificellular256gb-mxe42hna(spacegrey)mxe52hna(silver)app

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,GSM/Edge	3G, 4G / LTE, VoLTE, GSM/Edge Or higher
	GPS	Yes	Yes Or higher
	AGPS	No	Yes, No Or higher
	Number of GSM SIM Available	1	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)	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)	256	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)	247.6x178.5x5.9	*
	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	R-41000477	*
	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	No	Yes, No Or higher
	Compatible Active Stylus	No	Yes, No 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)	0	*
	Maximum Operating Temperature (Degree C)	35	*
	Minimum Operating Humidity (%RH)	5	*
	Maximum Operating Humidity (%RH)	95	*
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	1	30

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

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	9	9.0 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 9500	Intel Core i5 8600, Intel Core i5 8600K, 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 4.6 GHz, 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	Intel vPro	*
	Cache (MB)	9	*
Motherboard	Chipset Series	Intel Q Series	Intel Q Series Or higher
	Chipset Number	Intel Q 370	Intel Q 370 Or higher
	Expansion Slots (M Dot 2)	2	*
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)	Windows 10 Professional	Windows 10 Professional
	Recovery Image Media	CD from the OEM / Stored in Partition of the Hard Disk / USB Drive from the OEM / On Line / Cloud,	*
	OS Certification	Windows	*

Memory	Type of RAM	DDR4	*
	RAM Size (GB)	16	16, 32 Or higher
	RAM Speed (MHz)	2666	*
	Total Numbers of DIMM Slots Available	2	*
	Number of DIMM Slots populated	1	*
	RAM Expandability up to(using spare DIMM Slots in GB)	64	64 Or higher
Storage	Type of Drives used to populate the Internal Bays	HDD,SSD	HDD, SSD
	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 Or higher
	Number of Internal Bays populated with SSD	0	*
	Capacity of each SSD (GB)	256	*
	Total SSD Capacity (GB)	256	256, 384, 512, 768, 1024, 2048, 4096 Or higher
	Optane Memory (GB)	0	*
Display	Display Size (INCHES)	23.8	23.6, 23.8, 27, 34, 37.5 Or higher
	Display Type	Touch	Touch Or higher
	Panel Technology	IPS	IPS Or higher
	Display Resolution (PIXELS)	1920x1080	1920x1080, 1920 x 1200, 3200x1800, 3840 x 2160, 3440 x 1440, 4096x2304, 5120x2880 Or higher
	Availability of Webcam integrated with Display	Yes	Yes
	If yes, Resolution of Webcam	FHD	*
	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	Intel 10/100/1000 Integrated Network Ports for vPRO	*
	Bluetooth Connectivity	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	2	*
	Number of USB Version 3 point 1, Gen 2 Ports	4	*
	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	1	*
Generic	Optical Drive	DVD R/W	*
	Audio-in	Yes	*
	Audio-out	Yes	*
	Headphone out	Yes	*
	Microphone-in	Yes	*
	Stand	Recliner/Flexi/Articulating	*
Power	Power Supply	Integrated	*
	Power Supply Capacity (Watt)	210	*
	Minimum Power Efficiency Range (%)	91 - 95	*
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	UL,CE,FCC	*
Input Devices	Mouse Connectivity	Wired	*
	Type of Mouse	Optical Scroll	*
	Keyboard Connectivity	Wired	*
	Type of Keyboard	Standard	*
Operating Conditions	Minimum Operating Temperature	5	*
	Maximum Operating Temperature	45	*
	Minimum Operating Humidity (%RH)	5	*
	Maximum Operating Humidity (%RH)	90	*
Warranty	On Site OEM Warranty (Year)	3	3, 5 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

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	18	18, 20, 21, 22, 25, 27, 28, 30, 35, 38, 40, 43, 45, 47, 50, 52, 55, 60, 61, 65, 70, 71, 75, 80, 85, 90, 95, 100, 105, 110, 26, 31, 32, 24, 62, 33, 41, 46, 56, 29, 34, 19 Or higher
	Print Speed per minute as per ISO/IEC 24734 in (A4) - Color	18	18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 26, 27, 31, 38, 21, 24, 33, 46, 34, 19 Or higher
	Resolution (Dpi)	600x600	*
	Memory (MB)	1024	*
	Hard Disk Capacity (GB)	0	*
	Processor Speed	1.6 GHz	*
	Duplexing Feature	Yes	Yes Or higher
	Duplex Print Speed (IPM)	11	*
	Network Connectivity	Yes	*
	Network Interface, if available	Ethernet 10/100/1000	*
	Wireless Connectivity	Yes	Yes Or higher
If Yes, Type of Wireless Connectivity	Wi Fi Direct	*	

USB Port	Yes	*
Number of Main Paper Trays	1	1, 2, 3, 4, 5 Or higher
Each Main Paper Tray Capacity	150	*
Bypass Tray Facility	Yes	Yes Or higher
If Yes, Bypass Tray Capacity	1	*
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19798/2007(E) for Cyan colour (Number of prints)	690	*
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19798/2007(E) for Yellow colour (Number of prints)	690	*
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19752/2004(E) for Black (Number of prints)	1400	*
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)	30000	*
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	RoHS	*
Dimensions(In mm x mm x	-	*

	mm)		
	Weight (In kg)	-	*
	On site OEM warranty (Years)	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	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

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.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.
- 4.Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
- 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.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 : 45/2017-Central Tax Rate New Delhi dated 14/11/2017

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

---Thank You---