Bid Document

Bid Details	
Bid End Date/Time	11-05-2020 10:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	70 (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	All in One PC , Tablet Computers , Multifunction Machines MFM
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

ePBG Detail

Required	No

Splitting

Bid splitting not applied.

All In One PC (1 pieces)

Technical Specifications

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 8500	Intel Core i5 8500, 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	NA	*
	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	Integrated	*
	Graphic Card Description	-	*
	Size of Memory in Case of Dedicated Graphic Card (GB)	0	0, 1, 2, 3, 4, 8 Or higher
	Size of VRAM in case of Integrated Graphics	128	*

	(MB)		
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)	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 @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)	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)	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	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	4	*
	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	0	*
	Number of DP Ports	1	*
Generic	Optical Drive	DVD R/W	*
	Audio-in	Yes	*
	Audio-out	Yes	*
	Headphone out	Yes	*
	Microphone-in	Yes	*
	Stand	Standard	*
Power	Power Supply	External	*
	Power Supply Capacity (Watt)	120	*

	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	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	35	*
	Minimum Operating Humidity (%RH)	5	*
	Maximum Operating Humidity (%RH)	90	*
Warranty	**On Site OEM Warranty (Year)**	5	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

Tablet Computers (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Operating System	**Operating System Details**	Android Oreo 8.0 or Higher	Android Oreo 8.0 or Higher, iOS 12.0 or Higher Or higher
Display	**Display Size (Minimum) (Inch)**	10	10, 10.5, 11, 11.5, 12, 12.5, 12.9, 10.2 Or higher
	Display Resolution (Pixels)	1920 x 1080	1920 x 1080, 2048 x 1536, 1800 x 1200, 2560 x 1600, 2732 x 2048, 2388 x 1668, 2224 x 1668, 2160vx 1620 Or higher
	Display Type	TFT	*
	Type of Touch Screen	Capacitive	*
	Display Colour	16 Million	*
	Multitouch Support	Yes	*
	Brightness (Minimum) (Nits)	400	390, 400, 412, 450, 500, 600 Or higher
Technology	Mobile Commn Technology	GSM	*
Connectivity	**Connectivity Type**	Wifi + Cellular	Wifi + Cellular Or higher
	Cellular Data Support	4G / LTE	4G / LTE, VoLTE Or higher
	GPS	Yes	Yes Or higher
	AGPS	Yes	Yes Or higher
	Number of GSM SIM Available	1	1, 2 Or higher
	Cellular Voice Calling	Yes	Yes
	Wi-Fi Connectivity Type	802.11 ac	*
	Bluetooth Connectivity (Minimum Version)	5	*
Processor	**Processor Speed (Minimum) (GHz)**	1.51 to 1.8	1.51 to 1.8, 1.8 to 1.99, 2.0 & higher Or higher
	Processor Core (Number)	8	8 Or higher

	Processor Architecture	64 Bit	*
	Processor Make	Exynos	*
Memory	RAM Type	LPDDR4	*
	RAM Size (GB)	2	1.5, 2, 3, 4, 8 Or higher
Storage	**Internal Storage Capacity (GB)**	32	32, 64, 128, 256, 512, 1024 Or higher
	Micro SD Card Support	Yes	*
	Storage upgradable upto (Through Micro SD Card) (GB)	128 or higher	*
Camera	**Rear Camera (Mega Pixel)**	8	5, 8, 12, 13 Or higher
	Front Camera (Mega Pixel)	5	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)**	6001 - 7000	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	Yes	*
	Other Certifications Available (Details of the relevant certificate number and the name/ID of corresponding notified Bodies shall be provided as and when	UL/CB,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	Yes	Yes 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	3.5mm Jack	*
	Additional Features	Accelerometer	*
	Inbuilt Speaker	Yes	*
	If Yes, Type of Inbuilt Speaker	Stereo	*
Other Options	**Availability of Mobile Device Management (MDM) Support**	Yes	Yes
	Mobile Device Management (MDM) License and Support (Year)	3	3 Or higher
	Mobile Device Management Hosting (MDM)	Cloud Based	Cloud Based
	Device Enrolment Program (DEP) for automation of MDM and Supervision of iOS devices	NA	NA
	Device Enrolment Program (DEP) License and Support (Year)	0	0, 1, 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	**Availabiliy of Service Centre for Warranty Obligation**	District 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

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Multifunction Machines MFM (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Ungrouped	**Print Technology**	Laser	Laser
	Type of Machine	Multifunction Machine	Multifunction Machine
	Type of Printing	Colour	Colour
	Cartridge Technology	Composite Cartridge	Composite Cartridge, Separate Drum and

		Toner (Mono Component), Separate Drum and Toner (Dual Component) Or higher
Developer Unit	No	*
Platen/Flatbed Size	A4	A4, A3, Legal Or higher
Paper Size (Original/Image)	A4/A4	A4/A4
RAM size (MB)	1024	1024, 2048, 4096, 6144, 3072, 1536, 1500, 1250, 2560, 7168, 5120, 8192, 16384, 2816, 4000, 2000, 10240 Or higher
Hard Disk Capacity(GB)	0	0, 8, 128, 160, 256, 320, 500, 1024, 250, 640, 32, 1000, 2000, 3000 Or higher
Minimum Speed per Minute as per ISO/IEC 24734 in A4 Size-Mono	21	22, 23, 24, 25, 26, 27, 28, 30, 31, 35, 36, 38, 40, 43, 45, 46, 47, 50, 52, 55, 60, 61, 65, 70, 71, 75, 80, 90, 95, 100, 105, 110, 51, 56, 41, 120, 130, 160, 57, 33, 34, 32, 85, 81, 21, 53 Or higher
Minimum Speed per Minute as per ISO/IEC 24734 in A4 Size-Colour	21	22, 23, 24, 25, 26, 27, 28, 30, 31, 35, 36, 40, 50, 60, 46, 120, 130, 160, 65, 45, 34, 55, 38, 56, 75, 81, 71, 21, 53 Or higher
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size-Mono	0	*
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size-Colour	0	*
Scanning Feature Availability	Yes	Yes Or higher
Duplexing Feature Availability	Yes	Yes Or higher
Faxing Feature Availability	No	Yes, No Or higher
Speed of Fax, If Fax Feature is available	33.6 kbps	*
Networking Feature Availability	Yes	Yes Or higher

If yes, Type of Network Interface	Ethernet 10/100/1000	*
Wi-Fi Availability	Yes	Yes Or higher
If yes,Wi-Fi Type	Wi fi 802.11 b/g/n & Wi Fi Direct	*
Original Document Feeder Type	ADF	ADF, DADF/RADF, SPDF Or higher
Feeder Capacity (Number)	50	*
Number of Main Paper Tray	1	1, 2, 3, 4, 5 Or higher
Each Main Paper Tray Capacity (Number)	250	*
Bypass 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)	625	*
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19798/2007(E) for Yellow colour (Number of prints)	625	*
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19798/2007(E) for Magenta colour (Number of prints)	625	*
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19752/2004(E) for Black (Number of prints)	1200	*
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Cyan (Number of Prints)	0	*

	Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Yellow (Number of Prints)	0	*
	Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Magenta (Number of Prints)	0	*
	Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Black (Number of Prints)	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 Number	-	*
	Other Certifications Available	RoHS	*
	Dimension (mm x mm x mm)	-	*
	Weight (Kg)	-	*
	On Site OEM Warranty (Year)	1	1, 2, 3, 4, 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. 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.

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

7. 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-imberse the cost of such service / rectification to the Buyer.

This Bid is also governed by the General Terms and Conditions

---Thank You---