



Bid Number: GEM/2020/B/711714
Dated: 15-07-2020

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 16:00:00
Bid Opening Date/Time	27-07-2020 16:30:00
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	Laptop-Notebook (PAC Only) , Tablet Computers (PAC Only)
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	Laptop-Notebook
Inspection Required	No
Estimated Bid Value	546000

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	10920

ePBG Detail

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Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	24

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Director

Director Indian Institute of Science Education and Research Pune Dr. Homi Bhabha Road, Pashan Pune 411008 Tele -020 25908017

(Director Indian Institute Of Science Education And Research Pune)

Splitting

Bid splitting not applied.

Laptop-Notebook (1 pieces) (Under PAC)

Make	apple
Model	applemacbookair(retina132020)mvh22hna(spac egrey)mvh42hna(silver)mvh52hna(gold)s4512z ma

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Construction	Form Factor	Standard	Standard
	Chassis Material	CNC Alluminium	*
	Hinges	Metallic	*
Processor	Processor Make	Intel	Intel
	Processor Generation	10	10.0 Or higher
	Number of Cores per Processor	4	4, 6, 8 Or higher

	Processor Base Frequency (GHz)	1.1	*
	Processor Description	Intel Core i5	Intel Core i5, Intel Core i7, Intel Core i9 Or higher
	Processor Number	Intel Core i5, Turbo Boost up to 3.5GHz, with 6MB L3 cache	Intel Core i5 1030G4, Intel Core i5 1030G7, Intel Core i5 1035G1, Intel Core i5 10210U, Intel Core i5 1035G4, Intel Core i5 1035G7, Intel Core i7 1060G7, Intel Core i7 1065G7, Intel Core i7 10510U, Intel Core i7 10710U, Intel Core i9 10980HK, Intel Core i9 10880H, Intel Core i7 10875H, Intel Core i7 10850H, Intel Core i7 10750H, Intel Core i5 10400H, Intel Core i5 10300H, Intel Core i7 10810U, Intel Core i7 10610U, Intel Core i5 10310U, Intel Core i5, Turbo Boost up to 3.5GHz, with 6MB L3 cache, Intel Core i5, Turbo Boost up to 3.8GHz, with 6MB shared L3 cache Or higher
	Out of Band Management	NA	*
	Cache (MB)	6	*
Motherboard	Expansion Slots (M Dot 2)	0	*
Graphics	Graphics Type	Integrated	*
	Graphic Card Description	Intel IRIS Plus	*
	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)	0	*
Operating System	Operating System (Factory Pre-Loaded)	Mac OS Mojave	Mac OS Mojave
	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 OS	Mac OS
Memory	Type of RAM	LPDDR4	*
	RAM Size (GB)	8	8, 16, 32 Or higher
	RAM Speed (MHz)	3733	*
	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)	512	512
	Total SSD Capacity (GB)	512	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	1	*
	Number of Serial Ports	0	*
	Number of VGA Ports	0	*
	Number of HDMI Ports	0	*
	Number of DP Ports	0	*
	Number of Thunderbolt Port	1	*
Display	Display Size (Inch)	13.3	13.3, 13.5, 14, 15, 15.4, 15.6, 16, 13 Or higher
	Display Type	Non Touch	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, 2880 x 1920, 3072 x 1920 Or higher
	Availability of Webcam integrated with Display	Yes	Yes
	If Yes, Resolution of Webcam	FHD	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)	1.29	*	
Power	Battery Type	Integrated	*
	Battery Chemistry	Li - Polymer	*
	Battery Capacity (Watt Hour)	49.9	*
	Battery Backup Time (Hours)	12	*
Certification	BIS Registration under CRS of Meity	Yes	*
	BIS Registration Number and its validity	R-41000450	*
	BEE / Energy Star for the given Model	Yes	*
	ROHS Compliance	Yes	*
	Other Certifications available	FCC	*
Operating Conditions	Minimum Operating Temperature	10	*

	Maximum Operating Temperature	35	*
	Minimum Operating Humidity (%RH)	0	*
	Maximum Operating Humidity (%RH)	90	*
Warranty	Battery Warranty	3	3, 4 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.

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) (Under PAC)

Make	apple
Model	apple11-inchipadprowifi512gb-mxde2hna(space grey)mxdf2hna(silver)smartfolioapp

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	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	Yes	Yes 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)	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)	512	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)	600	*
	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)	CE,FCC,RoHS	*
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	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
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* 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

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Tablet Computers (1 pieces) (Under PAC)

Make	apple
Model	apple11-inchipadprowifi1tb-mxdg2hna(spacegrey)mxdh2hna(silver)smartfolioapp

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	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	Yes	Yes 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)	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)	1024	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)	600	*
	Dimensions (Length x Breadth x Thickness) (mm x mm x mm)	247.6x178.5x.5.9	*
	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)	CE,FCC,RoHS	*
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	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 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

Laptop-Notebook (1 pieces) (Under PAC)

Make	apple
Model	applemacbookpro13inch10gen.mwp52hna(space grey)mwp82hna(silver)s4512zma

Technical Specifications* [As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Construction	Form Factor	Standard	Standard
	Chassis Material	CNC Aluminium	*
	Hinges	Metallic	*
Processor	Processor Make	Intel	Intel
	Processor Generation	10	10.0 Or higher
	Number of Cores per Processor	4	4, 6, 8 Or higher
	Processor Base Frequency (GHz)	2	*
	Processor Description	Intel Core i5	Intel Core i5, Intel Core i7, Intel Core i9 Or higher
	Processor Number	Intel Core i5, Turbo Boost up to 3.8GHz, with 6MB shared L3 cache	Intel Core i7 10510U, Intel Core i7 10710U, Intel Core i9 10980HK, Intel Core i9 10880H, Intel Core i7 10875H,

			Intel Core i7 10850H, Intel Core i7 10750H, Intel Core i5 10400H, Intel Core i5 10300H, Intel Core i7 10810U, Intel Core i7 10610U, Intel Core i5, Turbo Boost up to 3.8GHz, with 6MB shared L3 cache Or higher
	Out of Band Management	NA	*
	Cache (MB)	6	*
Motherboard	Expansion Slots (M Dot 2)	0	*
Graphics	Graphics Type	Integrated	*
	Graphic Card Description	Intel IRIS Plus	*
	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)	0	*
Operating System	Operating System (Factory Pre-Loaded)	Mac OS Mojave	Mac OS Mojave
	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 OS	Mac OS
Memory	Type of RAM	LPDDR4	*
	RAM Size (GB)	16	16, 32 Or higher
	RAM Speed (MHz)	3733	*
	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)	1024	1024
	Total SSD Capacity (GB)	1024	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	2	*
Display	Display Size (Inch)	13.3	13.3, 13.5, 14, 15, 15.4, 15.6, 16, 13 Or higher
	Display Type	Non Touch	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, 2880 x 1920, 3072 x 1920 Or higher
	Availability of Webcam integrated with Display	Yes	Yes
	If Yes, Resolution of Webcam	FHD	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)	1.4	*
Power	Battery Type	Integrated	*
	Battery Chemistry	Li - Polymer	*
	Battery Capacity (Watt Hour)	58	*
	Battery Backup Time (Hours)	10	*
Certification	BIS Registration under CRS of Meity	Yes	*
	BIS Registration Number and its validity	R-41000450	*
	BEE / Energy Star for the given Model	Yes	*
	ROHS Compliance	Yes	*
	Other Certifications available	CE, FCC	*
Operating Conditions	Minimum Operating Temperature	10	*
	Maximum Operating Temperature	35	*
	Minimum Operating Humidity (%RH)	0	*
	Maximum Operating Humidity (%RH)	90	*
Warranty	Battery Warranty	3	3, 4 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.

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
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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. Bidders can also submit the EMD with Banker's Cheque in favour of Director Indian Institute of Science Education and Research Pune payable at Pune.
Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
3. Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name Director Indian Institute of Science Education and Research Pune Account No. 30042605732 IFSC Code SBIN0003552 Bank Name State Bank of India Branch address NCL Campus Branch, PUNE 411008.
Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.
4. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
5. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
6. 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.
7. 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.

8. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
9. Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of Director Indian Institute of Science Education and Research Pune payable at Pune. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.
10. Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name Director Indian Institute of Science Education and Research Pune Account No. 30042605732 IFSC Code SBIN0003552 Bank Name State Bank of India Branch address NCL Campus Branch, PUNE 411008. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.
11. 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 : 47/2017-Integrated Tax (Rate) New Delhi dated 14/11/2017
12. 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.
13. **Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
14. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

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

---Thank You---