

### Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 15:00:00
Bid Opening Date/Time	23-07-2020 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Statistics And Programme Implementation
Department Name	Na
Organisation Name	N/a
Office Name	National Sample Survey Office
Total Quantity	1
Item Category	Laptop-Notebook
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	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)
Construction	<b>Form Factor</b>	Standard	Standard, Convertible, Detachable
	Chassis Material	Alluminium	*
	Hinges	Metallic	*
Processor	<b>Processor Make</b>	Intel	Intel
	<b>Processor Generation</b>	8	8.0 Or higher
	<b>Number of Cores per Processor</b>	4	4, 6, 8 Or higher
	Processor Base Frequency (GHz)	1.8	*
	<b>Processor Description</b>	Intel Core i7	Intel Core i7, Intel Core i9 Or higher
	<b>Processor Number</b>	Intel Core i7 8565U	Intel Core i7 8550U, Intel Core i7 8559U, Intel Core i7 8650U, Intel Core i7 8650H, Intel Core i7 8750H, Intel Core i7 8850H, Intel Core i7 8565U, Intel Core i7 8665U, Intel Core i7 9750H, Intel Core i7 9850H, Intel Core i9, Turbo Boost up to 4.8GHz, with 16MB shared L3 cache, Intel Core i9-9880H, Intel Core i7, Turbo Boost up to 4.5GHz, with 12MB shared L3 cache, Intel Core i9 9980HK, Intel Core i9 8950HK, Intel Core i7 8569U Or higher
	Out of Band Management	NA	*
	Cache (MB)	8	*
Motherboard	Expansion Slots (M Dot 2)	1	*
Graphics	Graphics Type	Integrated	*
	Graphic Card Description	-	*
	<b>Size of Memory in Case of Dedicated Graphic Card (GB)</b>	0	0, 1, 2, 3, 4, 6 Or higher

	Size of VRAM in case of Integrated Graphics (MB)	-	*
Operating System	<b>Operating System (Factory Pre-Loaded)</b>	Windows 10 Professional	Windows 10 Professional
	Recovery Image Media	-	*
	<b>OS Certification</b>	Windows	Windows, Linux, Mac OS, NA
Memory	Type of RAM	DDR4	*
	<b>RAM Size (GB)</b>	8	8, 16, 32 Or higher
	RAM Speed (MHz)	2400	*
	Total Numbers of DIMM Slots Available	2	*
	Number of DIMM Slots populated	1	*
	<b>RAM Expandability up to( using spare DIMM Slots in GB)</b>	32	32 Or higher
Storage	<b>Type of Drives used to populate the Internal Bays</b>	HDD	HDD, SSD, SSHD, SSED, PCIe SSD
	Number of Internal Bays populated with HDD	1	*
	Capacity of each HDD (GB)	1000 @7200 rpm	*
	<b>Total HDD Capacity (GB)</b>	1000	500, 1000, 1500, 2000, 2500, 3000, 0 Or higher
	Number of Internal Bays populated with SSD	0	*
	<b>Capacity of each SSD (GB)</b>	0	128, 256, 512, 1024, 2048, 0
	<b>Total SSD Capacity (GB)</b>	0	128, 256, 384, 512, 768, 1024, 1280, 2048, 4096, 0 Or higher
	Number of Internal Bays populated with SSHD	0	*
	<b>Capacity of each SSHD (GB)</b>	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
	<b>Total SSHD Capacity</b>	0	500, 1000, 1500, 0 Or

	<b>in addition to 8 GB Flash (GB)</b>		higher
	Optane Memory (GB)	0	*
Connectivity	<b>Wireless Connectivity</b>	Yes	Yes, No
	If Yes, Type of Wireless Connectivity	Wi-Fi 802.11ac	*
	Number of Ethernet Ports	1	*
	If available, Type of Ethernet Ports	10/100/1000 on board Integrated Gigabit Port	*
	<b>Bluetooth Connectivity</b>	Yes	Yes, No
	If Yes, Version of Bluetooth Available	4.2	*
Ports	Number of USB Version 2 Point 0 Ports	1	*
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	2	*
	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	1	*
	Number of DP Ports	0	*
	Number of Thunderbolt Port	-	*
Display	<b>Display Size (Inch)</b>	15.6	*
	<b>Display Type</b>	-	Non Touch, Touch Or higher
	Display Technology	LED HD Backlit	*
	<b>Panel Technology</b>	IPS	IPS, TN, VA Or higher
	<b>Display Resolution (Pixels)</b>	1920x1080	1920x1080, 1920 x 1200, 3200x1800, 3840 x 2160, 2304 x 1440, 2560 x 1600, 2736 x 1824, 2880 x 1800, 2256x1504, 3000x2000, 3240x2160, 3272 x 1920, 2880 x 1920, 3072 x 1920 Or higher

Miscellaneous	<b>Availability of Webcam integrated with Display</b>	Yes	Yes, No
	<b>If Yes, Resolution of Webcam</b>	HD	HD, FHD Or higher
	<b>Infra Red Webcam</b>	No	Yes, No
	<b>Optical Drive</b>	NA	Integrated, External, NA Or higher
	Type of Optical Drive	N/A	*
	<b>Internal Speaker (Dual)</b>	Yes	Yes, No
	Audio-in	No	*
	Audio-out	No	*
	Headphone out	Yes	*
	Microphone-in	Yes	*
	Type of Keyboard	Standard	*
	Backlit Keyboard	No	*
	Spill Resistant Keyboard	No	*
	Pointing Device/Touchpad	Touchpad with multi-touch gestures enabled	*
	Finger Print Reader	Yes	*
	Hardware Trusted Platform Enabled	Yes	*
	<b>Carry Case</b>	Yes	Yes, No
	If Yes, Type of Carry Case	Back Pack	*
	Security Lock Slot	Yes	*
	If Yes, Availability of Cable Lock	No	*
	Weight (Including Battery) (Kilogram)	2	*
Power	Battery Type	-	*
	Battery Chemistry	Li - ion	*
	Battery Capacity (Watt Hour)	45	*
	Battery Backup Time (Hours)	12	*
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	0	*
	Maximum Operating Temperature	35	*
	Minimum Operating Humidity (%RH)	10	*
	Maximum Operating Humidity (%RH)	90	*
Warranty	<b>Battery Warranty</b>	3	3, 4 Or higher
	<b>On Site OEM Warranty (Year)</b>	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	Om Prakash	834001,NSO(FOD), 5TH FLOOR, JILA PARISHAD BHAWAN, NEAR RANCHI NAGAR NIGAM OFFICE, CUTCHERRY ROAD, RANCHI, JHARKHAND-834001.	1	15

#### Special terms and conditions for category Laptop-Notebook

- 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

- Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

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

---Thank You---

