

### Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 11:00:00
Bid Opening Date/Time	27-07-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Eastern Railway
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
Document required from seller	Certificate (Requested in ATC), OEM Authorization Certificate, OEM Annual Turnover *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
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
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			(Allowed Values)
Construction	<b>Form Factor</b>	Standard	Standard
	Chassis Material	ABS Plastic	*
	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 8550U	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 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>	2	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 Home	Windows 10 Home
	Recovery Image Media	-	*
	<b>OS Certification</b>	Windows	Windows
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>	16	16, 32 Or higher
Storage	<b>Type of Drives used to</b>	HDD,SSD	HDD, SSD

	<b>populate the Internal Bays</b>		
	Number of Internal Bays populated with HDD	1	*
	Capacity of each HDD (GB)	1000 @5400 rpm	*
	<b>Total HDD Capacity (GB)</b>	1000	1000, 1500, 2000, 2500, 3000 Or higher
	Number of Internal Bays populated with SSD	1	*
	<b>Capacity of each SSD (GB)</b>	256	256
	<b>Total SSD Capacity (GB)</b>	256	256, 384, 512, 768, 1024, 1280, 2048, 4096 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 in addition to 8 GB Flash (GB)</b>	0	500, 1000, 1500, 0 Or higher
	Optane Memory (GB)	0	*
Connectivity	<b>Wireless Connectivity</b>	Yes	Yes
	If Yes, Type of Wireless Connectivity	Wi-Fi 802.11ac	*
	Number of Ethernet Ports	0	*
	If available, Type of Ethernet Ports	NA	*
	<b>Bluetooth Connectivity</b>	Yes	Yes
	If Yes, Version of Bluetooth Available	4.1	*
Ports	Number of USB Version 2 Point 0 Ports	2	*
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	1	*
	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	15.4, 15.6, 16 Or higher
	<b>Display Type</b>	-	Non Touch, Touch Or higher
	Display Technology	LED HD Backlit	*
	<b>Panel Technology</b>	IPS	IPS 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
	<b>Availability of Webcam integrated with Display</b>	Yes	Yes
	<b>If Yes, Resolution of Webcam</b>	VGA	VGA, HD, FHD Or higher
	<b>Infra Red Webcam</b>	No	Yes, No
Miscellaneous	<b>Optical Drive</b>	NA	Integrated, External, NA Or higher
	Type of Optical Drive	N/A	*
	<b>Internal Speaker (Dual)</b>	Yes	Yes
	Audio-in	Yes	*
	Audio-out	Yes	*
	Headphone out	Yes	*
	Microphone-in	Yes	*
	Type of Keyboard	Standard	*
	Backlit Keyboard	Yes	*
	Spill Resistant Keyboard	Yes	*
	Pointing Device/Touchpad	Touchpad with multi-touch gestures enabled	*
	Finger Print Reader	Yes	*
	Hardware Trusted Platform Enabled	Yes	*
	<b>Carry Case</b>	Yes	Yes
	If Yes, Type of Carry Case	Back Pack	*
	Security Lock Slot	No	*
	If Yes, Availability of Cable Lock	No	*
	Weight (Including Battery) (Kilogram)	1.7	*
Power	Battery Type	-	*
	Battery Chemistry	Li - ion	*
	Battery Capacity (Watt Hour)	42	*
	Battery Backup Time (Hours)	8	*
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	45	*
	Minimum Operating Humidity (%RH)	10	*
	Maximum Operating Humidity (%RH)	90	*
Warranty	<b>Battery Warranty</b>	1	1, 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	Rajnish Kumar Tripathi	711101,DRM Building Eastern Railway Howrah	1	15

#### 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.Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
- 3.Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 4.ISO 9001: The bidder must have ISO 9001 certification.
- 5.Procurement under this bid is reserved for purchase from Micro and Small Enterprises whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service.
- 6.Purchase preference to Micro and Small Enterprises (MSEs) from the State of Bid Inviting Authority : Purchase preference will be given to MSEs as Micro and Small Enterprises from the State of Bid inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15 % of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 20% of total value as defined/ decided in relevant policy.
- 7.Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as

defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 20% of total value.

8.Scope of supply (Bid price to include all cost components) : Only supply of Goods

9.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 3 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.

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

**---Thank You---**