

### Bid Document

Bid Details	
Bid End Date/Time	13-07-2020 11:00:00
Bid Opening Date/Time	13-07-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence Production
Organisation Name	Hindustan Aeronautics Limited (hal)
Office Name	*****
Total Quantity	9
Item Category	rugged notebook-laptop
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	Yes
Inspection Required	No

### EMD Detail

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

### ePBG Detail

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

### Splitting

Bid splitting not applied.

### Rugged Notebook-laptop ( 9 pieces )

### Technical Specifications

\* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERAL	<b>Type</b>	Regular	Regular
	Chassis/Casing	Magnesium Alloy	*
PROCESSOR	<b>Processor Make</b>	Intel	Intel
	<b>Processor Generation</b>	6th	6th
	<b>Processor</b>	Intel Core i5 or higher	Intel Core i5 or higher
	Processor Description	-	*
GRAPHICS	<b>Graphics Type</b>	Integrated	Integrated
	<b>Graphics</b>	NA	NA
	<b>Graphics Memory (GB)</b>	0	2, 4, 8, 0 Or higher
OPERATING SYSTEM	Operating System	Windows 10 Professional	*
MEMORY	Type of RAM	DDR4	*
	RAM Speed (MHz)	2133	*
	<b>RAM Size (GB)</b>	4	4.0 - 32.0 Or higher
	<b>RAM Expandable upto (GB)</b>	32	32.0 - 32.0 Or higher
STORAGE	<b>Type of HDD</b>	SATA	SATA
	<b>Hard Disk Drive Size (GB)</b>	500	500
	Hard Disk Drive Speed (RPM)	5400	*
CONNECTIVITY	Wi-fi Connectivity	802.11 ac	*
	Gigabit NIC 10/100/1000	Available	*
	Bluetooth	4.0 or higher	*
PORTS	USB 2.0 (No.)	0	*
	USB 3.0 or higher (No.)	3	*
	USB Type C	Not-Available	*
	PCMCIA Slot	Available	*
	RJ 45 (Number)	1	*
	VGA Port	Available	*
	HDMI Port	Available	*
	Serial Port (Number)	2	*
	Audio in/out	Available	*
ADDITIONAL FEATURE	Port Replicator	Available	*

	Interface		
	RF Passthrough	Not Available	*
	Dedicated GPS	Not Available	*
	Mobile Broadband 4G/Lte	Not Available	*
DISPLAY	<b>Display Size (cm)</b>	33.78	33.78 - 300.0 Or higher
	<b>Display Resolution (Pixel)</b>	1024 x 768	1024 x 768
	<b>Display Type</b>	Non Touch	Non Touch
	Minimum Display Brightness (Nits)	700	*
CERTIFICATION	ROHS Compliance	Yes	*
	Ruggedness Certification to MIL STD 810 G or latest for Drop, Vibration, Water Resistance, Dust Resistance, Altitude, High/Low temperature, Humidity etc	Yes	*
	Ruggedness Certificate number	-	*
	EMI/EMC Certification to MIL STD 461F or higher	Yes	*
	EMC/EMI Certificate number	-	*
	<b>Ingress Protection Rating (IP65 or higher)</b>	Yes	Yes
	Energy Efficiency Certification	Energy Star	*
	BIS Registration	Yes	*
	BIS Registration number under CRS of Meity	-	*
OTHER	Keyboard	Backlit	*
	Optical Drive	Not-Available	*
	Battery Backup Time (Hour)	8	*
	Weight (With Battery) (Kg)	-	*
TTC	TTC showing conformity to the specifications from a Central Government	Yes	*

	Lab/an ILAC accredited Lab/ NABL approved Lab		
	If Yes, Name of the Lab	-	*
	If Yes, Address of the Lab	-	*
	If Yes, TTC number & Date	-	*
WARRANTY	Battery Warranty (Years)	1	*
	<b>On Site OEM Warranty (Years)</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	*****	*****BANGALORE	9	15

### Special terms and conditions for category rugged notebook-laptop

1. Seller has to ensure that operating system software etc comes preloaded with machine from respective OEM . Any deviation in respect of genuinity and authenticity of OS will attract severe penalty on part of seller as law of the land and contractual provisions. Buyer are also requested to verify the key no of OS etc with server of Microsoft/Linux before accepting machines to avoid complexity at latter stage.

### Bid Specific Additional Terms and Conditions

1. **Staggered Delivery:** The ordered items shall be supplied in a staggered manner. ( 5 Quantity shall be supplied within 4 days of contract placement and thereafter 15 Quantity per Quarter)
2. **Non return of Hard Disk:** As per Buyer organization's Security Policy,Faulty Hard Disk of Servers/Desktop Computers/ Laptops etc. will not be returned back to the OEM/supplier against warranty replacement.
3. Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 5 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.
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. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
6. 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.
7. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
8. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

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

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