

Bid Document

Bid Details	
Bid End Date/Time	23-01-2019 16:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	15 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	N/a
Office Name	Armed Forces Tribunal, Regional Bench, Chennai
Total Quantity	9
Item Category	Printer , Desktop Computers , Line Intractive UPS with AVR
Average Turn Over of Last 3 Years	4 Lakh (s)
Experience with Gov. Required	3 Year (s)
MSE Exemption For Years Of Experience And Turnover	Yes

Printer (3)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Allowed Values
Specifications	Printing Technology	Laser	Laser
	Cartridge Technology	composite	composite, separate toner and drum, Ink
	Type of printing	mono	mono, Colour
	Paper Size	A4	A4, A3
	Print Speed (A4) - Mono (PPM)	28	Any applicable numeric value
	Print Speed (A4) - Color (PPM)	0	Any applicable numeric value
	Resolution (Dpi)	-	*
	Memory (MB)	256	*

Hard Disk Capacity (GB)	0	*
Processor Speed (Mhz)	800	*
Duplexing Feature	yes	*
Duplex Print Speed (PPM / IPM)	18	Any applicable numeric value
Network Connectivity	yes	*
Network Interface, if available	Ethernet 10/100	*
Wireless Connectivity	No	*
If Yes, Type of Connectivity	NA	*
USB Port	yes	*
Paper Tray Capacity	250	*
Number of Paper Trays	1	*
Yield of Cartridge/Ink Tank/Ink Pack supplied with printer(Per Set)	1	*
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology (No of Prints)	0	*
Duty Cycle /month (No of Prints)	30000	*
Operating Temperature Range (Degree C)	17.5 TO 25°C	*
Operating Humidity (RH) (In %)	30 to 70% RH	*
Dimensions(In mm x mm x mm)	370.5 x 624.4 x 359.5 mm	*
Weight (In kg)	6.9	*
BIS Registration under CRS of Meity	Yes	*
BIS Registration no	R-41001821 (7)	*
On site OEM warranty (Years)	3	3

* Bold specifications are the golden parameters.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days

1	Palaniappan Mani Kumar	600016, Armed Forces Tribunal, Regional Bench Chennai, No 1A Rudhra Road, Old MH Complex, Saint Thomas Mount, Chennai	3	15
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Desktop Computers (3)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Allowed Values
Processor	Processor Make	Intel	Intel
	Processor Generation	8	8.0 Or higher
	Number of Cores per Processor	4	2, 4, 6, 8 Or higher
	Processor Base Frequency (GHz)	3.6	*
	Processor Description	Intel Core i3	Intel Core i3, Intel Core i5, Intel Core i7 Or higher
	Processor Number	Intel Core i3 8100	*
	Out of Band Management	NA	*
	Cache (MB)	6	*
Motherboard	Chipset Series	Intel H Series	Intel H Series, Intel B Series, Intel Q Series Or higher
	Chipset Number	Intel H370	Intel H110, Intel H270, Intel H310, Intel H370, Intel B250, Intel B360, Intel Q 250, Intel Q 270, Intel Q 370 Or higher
	Expansion Slots (PCIe x 1) (Number)	1	*
	Expansion Slots (PCIe x 4) (Number)	0	*
	Expansion Slots (PCIe x 16) (Number)	1	*
	Expansion Slots (PCI) (Number)	0	*
	Expansion Slots (M Dot 2)	2	*

Graphics	Graphics Type	Integrated	*
	Graphic Card Description	UHD 630	*
	Size of Memory in Case of Dedicated Graphic Card (GB)	0	*
	Size of VRAM in case of Integrated Graphics (MB)	128	*
Operating System	Operating System (Factory Pre-Loaded)	Windows 10 Professional	Windows 10 Professional
	Recovery Image Media	Stored in Partition of the Hard Disk	*
	OS Certification	Windows	*
Memory	Type of RAM	DDR4	*
	RAM Size (GB)	4	4, 8, 16, 32, 64 Or higher
	RAM Speed (MHz)	2400	*
	Total Numbers of DIMM Slots Available	2	*
	Number of DIMM Slots populated	1	*
	RAM Expandability up to(using spare DIMM Slots in GB)	32	8, 16, 32, 64, 0 Or higher
Storage	Total Number of Internal Bays available	1	*
	Number of 2 point 5 inches internal Bays	0	*
	Number of 3 point 5 inches Internal Bays	1	*
	Number of 2 point 5 Inches Internal Bays Populated	0	*
	Number of 3 point 5 Inches Internal Bays Populated	1	*
	Type of Drives used to populate the Internal Bays	HDD	HDD, SSD, SSHD, SSED
	Number of Internal Bays populated with HDD	1	*
	Capacity of each HDD (GB)	1000 @7200 rpm	*
	Total HDD Capacity	1000	500, 1000, 1500, 2000,

	(GB)		2500, 3000, 0 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, 0 Or higher
	Number of Internal Bays populated with SSHD	0	*
	Capacity of each SSHD (GB)	NA	*
	Total SSHD Capacity in addition to 8 GB Flash (GB)	0	500, 1000, 2000, 0 Or higher
	Number of Internal Bays populated with SSED	0	*
	Capacity of each SSED (GB)	0	*
	Total SSED Capacity (GB)	0	*
	Optane Memory (GB)	0	*
Cabinet	Cabinet Form Factor	SFF (7 to 13 Litres)	SFF (7 to 13 Litres), Tower (13.1 to 26 Litres)
	Cabinet Volume (Litres)	7.6	*
	External Bays (Number)	1	*
	Optical Drive	DVD R/W	*
	Internal Speaker	No	*
	Audio-in	Yes	*
	Audio-out	Yes	*
	Headphone out	Yes	*
Connectivity	Wireless Connectivity	No	*
	If Yes, Type of Wireless Connectivity	NA	*
	Number of Ethernet Ports	1	*
	Type of Ethernet Ports	10/100/1000 on board Integrated Gigabit Port	*

	Bluetooth Connectivity	No	*
	If Yes, Version of Bluetooth Available	0	*
Ports	Number of USB Version 2 Point 0 Ports	4	*
	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	0	*
	Number of Serial Ports	1	*
	Number of Parallel Ports	0	*
	Number of VGA Ports	1	*
	Number of HDMI Ports	1	*
	Number of DP Ports	0	*
Monitor	Model of the Monitor	V203P	*
	Monitor Technology	IPS	IPS, TN, VA Or higher
	LED Backlit Monitor Size (INCHES)	19.5	19.5, 21.5, 22, 23, 24, 27 Or higher
	Monitor Resolution (PIXELS)	1440 x 900	1366x768, 1440 x 900, 1600 x 900, 1920x1080, 1920 x 1200, 3200x1800, 3840 x 2160 Or higher
	TCO Certification for Monitor	7.0	*
	Number of VGA Ports in the Monitor	1	*
	Number of HDMI Ports in the Monitor	0	*
	Number of Display Ports in the Monitor	0	*
	Availability of Webcam integrated with Monitor	No	*
	If Yes, Resolution of Webcam	NA	*
Availability of Speakers integrated with Monitor	No	*	
If Yes, Number of Speakers available	0	*	
Power	Power Supply Capacity (Watt)	180	*

	Minimum Power Efficiency Range (%)	85 - 89	*
Certification	ROHS Compliance	Yes	*
	BEE / Energy Star for the given Model	Yes	*
Input Devices	Mouse Connectivity	Wired	*
	Type of Mouse	Optical Scroll	*
	Keyboard Connectivity	Wired	*
	Type of Keyboard	Standard	*
Operating Conditions	Minimum Operating Temperature	0	*
	Maximum Operating Temperature	40	*
	Minimum Operating Humidity (%RH)	10	*
	Maximum Operating Humidity (%RH)	90	*
Warranty	On Site OEM Warranty (Year)	3	3, 5 Or higher

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Consignees/Reporting Officer and Quantity

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Line Intractive UPS With AVR (3)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Allowed Values
GENERIC	Rating in KVA/ min VAH capacity of battery (KVA/VAH)	0.5/84	*
	Technology	MOSFET-PWM	MOSFET-PWM, IGBT-PWM
	Type of battery	SMF-VRLA confirming to JISC-8702 Pt 1,2 &3	SMF-VRLA confirming to JISC-8702 Pt 1,2 &3

	Rated Output (Volt)	Single phase sinewave 230v AC , 50Hz	Single phase sinewave 230v AC , 50Hz, Single Phase Quasi-Sin-wave 230 V AC, 50 Hz
	Degree of protection	IP-21	IP-21, IP 20
	Inverter Efficiency (%)	> / = 70%	> / = 60%, > / = 70%
	Warranty for the battery from the date of delivery	1 year	1 year, 3 Years
	Warranty for Line Interactive UPS	1 Year	1 Year, 2 Years, 5 Years, 3 Years
	Installation and commissioning instructions	Yes	*
CONSTRUCTIONAL	Type of enclosure	ABS	*
	AC out put for printer (not through inverter)	Yes	Yes, No
	Inverter out put socket AC out put for printer (not through inverter)	2 Three pin	2 Three pin, 3 Three pin, Hard wiring, Not applicable
FUNCTIONAL	Total harmonic distorsion (%)	< / = 40%	*
	Input (Volt)	Single phase sinewave(160-280v)	*
	Switching over time (Mili sec)	Maximum 10 milli seconds	*
	Overload Time (Minutes)	> / = 10 minutes	*
	Load power factor	> / = 0.6	*
	Variation in AVR output in AC mode (%) AVR (Voltage regulation) output voltage in AC Mode	230 Volts +/-9%, 50 +/-3 Hz	*
	Overload (%)	> / = 10%	*
	Variation in output voltage in battery mode (%) (UPS output voltage in battery mode)	230 Volts +/- 10%	*
Variation on output frequency in battery mode (Hz)	< / = 0.5	*	
PROTECTION	Protection against (over discharge)	10.5	*

	discharge per 12v battery (Volt)		
	Protection for outside input voltage range: If Input voltage goes outside the range 160 to 280 Volts, the system shall switch over to battery mode	Yes	*
	Protection against short circuit of UPS	Yes	*
	Protection for over voltage and over load	Yes	*
REPORTS AND CERTIFICATIONS	Damp heat Test at 45 degree , RH -95% for 2-cycle as per IS:9000 pt-5/sec-1	Yes	*
	Dry heat Test at 45 degree for 16 Hrs as per IS:9000 pt-3/sec-5	Yes	*
	Cold Test as per IS:9000 pt-2/sec-4	Yes	*
	Availability of the type test report from central Govt./NABL/ILAC Accredited Lab	Yes	*
	Type Test certificate no. and date	-	*
	Name Of Lab	-	*
	Address of Lab	-	*
	As per Meity (Government of India) guidelines UPS shall have valid BIS CRS certifications as applicable	Yes	*

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EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Special terms and conditions for category Desktop Computers

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 45.percent to qualify as local or domestic manufacturer.\n\nSeller 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.

Buyer Specific Additional Terms and Conditions

1. **Scope of supply (Bid price to include all cost components) :** Supply Installation Testing and Commissioning of Goods
2. **Purchase preference will be given to MSME and Startup (Local supplier) : (if L-1 is not from selected category and 4 / 5 Seller (s) from selected category has/have quoted price within L-1 + Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category (Preference to MSME - 15%) % of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and award contract for percentage of total value as defined/ decided in relevant policy) Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category (Preference to MSME - 15%)**

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

---Thank You---