

### RA Document

RA Details	
RA Start Date/Time	01-02-2019 11:10:53
RA End Date/Time	06-02-2019 11:00:00
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence Production And Supply
Organisation Name	Indian Ordnance Factories
Office Name	Ordnance Cable Factory Chandigarh
Total Quantity	54
Item Category	Line Intractive UPS with AVR,Printer
Auto Extension	If any seller submits price in last 15 minutes, the RA will be auto extended by 15 minutes (A maximum of 3 times)
MSE Exemption For Years Of Experience And Turnover	Yes

### Line Intractive UPS With AVR ( 40 )

#### Technical Specifications

Specification	Specification Name	Values
GENERIC	Rating in KVA/ min VAH capacity of battery (KVA/VAH)	1.0/168
	Technology	MOSFET-PWM
	Type of battery	SMF-VRLA confirming to JISC-8702 Pt 1,2 &3
	Rated Output (Volt)	Single phase sinewave 230v AC , 50Hz
	Degree of protection	IP-21

	Inverter Efficiency (%)	> / = 60%
	Warranty for the battery from the date of delivery	1 year
	Warranty for Line Interactive UPS	1 Year
	Installation and commissioning instructions	Yes
CONSTRUCTIONAL	Type of enclosure	ABS
	AC out put for printer (not through inverter)	No
	Inverter out put socket AC out put for printer (not through inverter)	3 Three pin
FUNCTIONAL	Total harmonic distortion (%)	< / = 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	230 Volts +/-9%, 50 +/-3 Hz

	Mode	
	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) discharge per 12v battery (Volt)	10.5
	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	A-185, 26 MAY 2017

	Name Of Lab	APC INDIA
	Address of Lab	DELHI
	As per Meity (Government of India) guidelines UPS shall have valid BIS CRS certifications as applicable	Yes

\* Bold specifications are the golden parameters.

### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days	
1	Vikas Raizada	160002, Ordnance Cable Factory Plot No 183 Industrial Area Phase 1 Chandigarh	40	15	N/A

### Printer ( 14 )

#### Technical Specifications

Specification	Specification Name	Values
Specifications	Printing Technology	Laser
	Cartridge Technology	composite
	Type of printing	mono
	Paper Size	A4
	Print Speed (A4) - Mono (PPM)	38
	Print Speed (A4) - Color (PPM)	0

Resolution (Dpi)	1200X1200
Memory (MB)	256
Hard Disk Capacity (GB)	0
Processor Speed (Mhz)	750
Duplexing Feature	yes
Duplex Print Speed (PPM / IPM)	28
Network Connectivity	yes
Network Interface, if available	Ethernet 10/100/1000
Wireless Connectivity	yes
If Yes, Type of Connectivity	Wireless (802.11 b/g/n)
USB Port	yes
Paper Tray Capacity	250
Number of Paper Trays	2

Yield of Cartridge/Ink Tank/Ink Pack supplied with printer(Per Set)	3000
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)	80000
Operating Temperature Range (Degree C)	23
Operating Humidity (RH) (In %)	30
Dimensions(In mm x mm x mm )	381 x 357 x 216
Weight (In kg)	8.5
BIS Registration under CRS of Meity	Yes
BIS Registration no	R-41000760
On site OEM warranty (Years)	3

\* Bold specifications are the golden parameters.

#### **Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days	
1	Vikas Raizada	160002, Ordnance Cable Factory Plot No 183 Industrial Area Phase 1 Chandigarh	14	15	N/A

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

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