

**Bid Document**

<b>Bid Details</b>	
Bid End Date/Time	31-01-2019 15:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	15 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Indian Army
Organisation Name	402 I Artillery Brigade
Office Name	80 Medium Regiment
Total Quantity	5
Item Category	Line Intractive UPS with AVR
MSE Exemption For Years Of Experience And Turnover	Yes

**Line Intractive UPS With AVR ( 5 )**

**Technical Specifications**

[\\* As per GeM Category Specification](#)

<b>Specification</b>	<b>Specification Name</b>	<b>Values</b>	<b>Allowed Values</b>
GENERIC	<b>Rating in KVA/ min VAH capacity of battery (KVA/VAH)</b>	1.0/216	*
	<b>Technology</b>	MOSFET-PWM	MOSFET-PWM, IGBT-PWM
	<b>Type of battery</b>	SMF-VRLA confirming to JISC-8702 Pt 1,2 &3	SMF-VRLA confirming to JISC-8702 Pt 1,2 &3
	<b>Rated Output (Volt)</b>	Single phase sinewave 230v AC , 50Hz	Single phase sinewave 230v AC , 50Hz, Single Phase Quasi-Sin-wave 230 V AC, 50 Hz
	<b>Degree of protection</b>	IP-21	IP-21, IP 20
	<b>Inverter Efficiency (%)</b>	> / = 60%	> / = 60%, > / = 70%
	<b>Warranty for the battery from the</b>	1 year	1 year, 3 Years

	<b>date of delivery</b>		
	<b>Warranty for Line Interactive UPS</b>	1 Year	1 Year, 2 Years, 5 Years, 3 Years
	Installation and commissioning instructions	Yes	*
CONSTRUCTIONAL	Type of enclosure	ABS	*
	<b>AC out put for printer (not through inverter)</b>	No	Yes, No
	<b>Inverter out put socket AC out put for printer (not through inverter)</b>	Not applicable	2 Three pin, 3 Three pin, Hard wiring, Not applicable
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 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) 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	-	*
	Name Of Lab	-	*
	Address of Lab	-	*
	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	Shivek Sharma	194106,80 Medium Regiment Pin-925780 c/o 56 APO	5	15

#### EMD Detail

Required	No
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#### ePBG Detail

Required	No
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#### Splitting

Bid splitting not applied.

## **Buyer Specific Additional Terms and Conditions**

1. **Scope of supply (Bid price to include all cost components) :** Only supply of Goods
2. **Procurement under this bid is reserved for purchase from :** Local Supplier as defined in Public Procurement (Preference to Make in India), Order 2017 and its subsequent Orders / Notifications issued by concerned Nodal Ministry for specific Goods/ Products.

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

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