

### Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 10:00:00
Bid Opening Date/Time	20-07-2020 10:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Indian Army
Office Name	*****
Total Quantity	7
Item Category	Line Intractive UPS with AVR
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
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.

### Line Intractive UPS With AVR ( 7 pieces )

### Technical Specifications

\* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	<b>Rating in KVA/ min VAH capacity of battery (KVA/VAH)</b>	1.0/1200	1.0/1200
	<b>Technology</b>	MOSFET-PWM	MOSFET-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
	<b>Degree of protection</b>	IP-21	IP-21
	<b>Inverter Efficiency (%)</b>	> / = 70%	> / = 70%
	<b>Warranty for the battery from the date of delivery</b>	1 year	1 year
	<b>Warranty for Line Interactive UPS</b>	2 Years	2 Years
	Installation and commissioning instructions	Yes	*
CONSTRUCTIONAL	Type of enclosure	ABS	*
	<b>AC out put for printer (not through inverter)</b>	Yes	Yes
	<b>Inverter out put socket AC out put for printer (not through inverter)</b>	3 Three pin	3 Three pin
FUNCTIONAL	Total harmonic distortion (%)	< / = 40%	*
	Input (Volt)	Single phase sinewave(160-280v)	*
	Switching over time (Mili sec)	Maximum 10 milli seconds	*
	<b>Overload Time (Minutes)</b>	> / = 10 minutes	> / = 10 minutes
	<b>Load power factor</b>	> / = 0.6	> / = 0.6
	<b>Variation in AVR output in AC mode (%) AVR (Voltage regulation) output voltage in AC Mode</b>	230 Volts +/-9%, 50 +/-3 Hz	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	*

\* 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	*****	*****JALPAIGURI	7	30

### Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
2. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
3. 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.
4. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
5. 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---**