

Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 15:00:00
Bid Opening Date/Time	24-07-2020 15:30:00
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 Air Force
Office Name	*****
Total Quantity	40
Item Category	Line Interactive UPS with AVR
Experience Criteria	1 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
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.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

Line Interactive UPS With AVR (40 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	Rating in KVA/ min VAH capacity of battery (KVA/VAH)	1.0/800	1.0/168, 1.0/800
	Technology	MOSFET-PWM	MOSFET-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%	> / = 70%, > / = 80%, > / = 90%
	Warranty for the battery from the date of delivery	1 year	1 year
	Warranty for Line Interactive UPS	2 Years	1 Year, 2 Years
	Installation and commissioning instructions	No	*
CONSTRUCTIONAL	Type of enclosure	ABS	*
	AC out put for printer (not through inverter)	No	Yes, No
	Inverter out put socket AC out put for printer (not through inverter)	Not applicable	3 Three pin, Not applicable
FUNCTIONAL	Total harmonic	< / = 40%	*

	distorsion (%)		
	Input (Volt)	Single phase sinewave(160-280v)	*
	Switching over time (Mili sec)	Maximum 10 milli seconds	*
	Overload Time (Minutes)	> / = 10 minutes	> / = 10 minutes
	Load power factor	> / = 0.6	> / = 0.6, > / = 0.8
	Variation in AVR output in AC mode (%) AVR (Voltage regulation) output voltage in AC Mode	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	Yes	*

	Accredited Lab		
	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	*****	*****THANJAVUR	40	30

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods

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

---Thank You---