

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 19:00:00
Bid Opening Date/Time	27-07-2020 19:30:00
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	3
Item Category	Inverter with sine wave output
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC) *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.

Inverter With Sine Wave Output (3 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	Inverter Governing specification	Generally conforming to IS:13314	*
	Rating in KVA & Min. VAH Capacity of Battery	3 KVA/12960 VAH	0.8 KVA/3456 VAH, 1 KVA/4320 VAH, 1.5 KVA/6480 VAH, 2 KVA/8640 VAH, 3 KVA/12960 VAH, 5 KVA/21600 VAH, 7.5 KVA/32400 VAH, 10 KVA/43200 VAH
	Technology	IGBT-PWM	MOSFET-PWM, IGBT-PWM
	Energy Star Rating	3 Star	3 Star, 4 Star, 5 Star
	Trolley	with trolley	with trolley, without trolley
	Type of Battery	VRLA battery confirming to JISC:8702(Pt.I,II&III)	Tubular battery confirming to IS:13369, VRLA battery confirming to JISC:8702(Pt.I,II&III)
	Backup time (Minutes)	Minimum 180 Minutes	*
CONSTRUCTIONAL	Thickness of sheet for trolley (in mm) minimum	1.2	*
	Trolley Material	CRCA Steel	*
	Type of enclosure	CRCA Steel	*
	Thickness of sheet for enclosure (in mm) minimum	1.2	*
	Inverter shall have by pass facility	Yes	*
FUNCTIONAL	Total Harmonic distortion	</=5%	*
	Input	Single Phase sine wave(120 to 260 V)	*
	Output	Single Phase sine wave 240 V	*
	Inverter Efficiency (%)	>/=87%	*
	Overload Time (in Minutes)	>/=10	*
	Overload of rated load (in %)	>/=10	*
PROTECTION	Battery cut-off voltage to protect from overdischarge (in Volt)	>10.5	*
	Degree of protection	IP 21	*
METERING AND INDICATIONS	The inverters shall be provided with output voltage and current meters conforming to IS 2419 : 1979 and of an accuracy class not inferior to 2.5 in accordance with IS 1248 : 1983	Yes	*
CERTIFICATIONS	Availability of the Type Test Report from Central Govt. /NABL/ILAC Accredited lab	Yes	*
	Climatic test report as per clause 7.10.1 of IS 13314	yes	*

Type Test Certificate No.	-	*
Name of Lab	-	*
Type Test Certificate date	-	*
Address of Lab	-	*
Inverter shall have valid BIS CRS certifications for < / = 10 KVA	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	*****	*****LEH	3	15

Bid 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 Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service.

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

---Thank You---