

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 14:00:00
Bid Opening Date/Time	23-07-2020 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	70 (Days)
Ministry/State Name	Ministry Of Power
Department Name	Na
Organisation Name	N/a
Office Name	Thdc India Ltd., Rishikesh
Total Quantity	53
Item Category	Line Interactive UPS with AVR
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), OEM Authorization Certificate *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.

Line Interactive UPS With AVR (53 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)	1.0/168	1.0/168
	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
	Degree of protection	IP-21	IP-21
	Inverter Efficiency (%)	> / = 70%	> / = 70%
	Warranty for the battery from the date of delivery	3 Years	3 Years
	Warranty for Line Interactive UPS	5 Years	5 Years
	Installation and commissioning instructions	Yes	*
CONSTRUCTIONAL	Type of enclosure	ABS	*
	AC out put for printer (not through inverter)	Yes	Yes
	Inverter out put socket AC out put for printer (not through inverter)	3 Three pin	3 Three pin
FUNCTIONAL	Total harmonic distorsion (%)	< / = 40%	*
	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
	Variation in AVR output in AC mode	230 Volts +/-9%, 50 +/-3 Hz	230 Volts +/-9%, 50 +/-3 Hz

	(%) AVR (Voltage regulation) output voltage in AC 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	-	*
	Name Of Lab	-	*
	Address of Lab	-	*
	As per Meity (Government of India) guidelines UPS shall have valid BIS CRS certifications as	Yes	*

applicable

* 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	Vijay Singh Rana	249201,Central Stores, Gate no.-3, CORPORATE OFFICE, Pragatipuram, THDC INDIA LTD., RISHIKESH	53	30

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
2. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, 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. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25% of total value.
3. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

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

---Thank You---