

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 17:00:00
Bid Opening Date/Time	27-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Andaman & Nicobar
Department Name	Health Department Andaman & Nicobar
Organisation Name	N/a
Office Name	Directorate Of Health Services
Total Quantity	1
Item Category	Online UPS
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	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	Yes
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Online UPS (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
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Generic	Rating in KVA (KVA)	2.0 KVA	2.0 KVA
	Technology	IGBT-PWM with inbuilt isolation transformer	MOSFET-PWM with inbuilt isolation transformer, IGBT-PWM with inbuilt isolation transformer, IGBT-PWM without inbuilt isolation transformer
	Input Power	single phase 160V - 260V sinewave,50Hz	single phase 160V - 260V sinewave,50Hz
	Output power	Single phase 230V +/-1% sinewave 50 Hz	Single phase 230V +/-1% sinewave 50 Hz
	Backup time (Minutes)	30	30
	Minimum VAH (VAH)	1600	1600
	Warranty for UPS (Years)	2	2
	Movable trolley for Batteries	Without trolley but with rack	With, Without trolley but with rack
	Warranty for battery	2	2
	Degree of Protection	IP21	IP21, IP20
	Cabling 5 meters for input and out put	With	With
	Paralleling kit for synchronising	Without	With, Without
	Installation and Commissioning	Yes	*
Constructional	Minimum thickness of M.S.Sheet Enclosure duly painted (mm)	1.2	*
	Type of Battery	SMF-VRLA conforming to JISC:8702(Pt.I,II&III)	SMF-VRLA conforming to JISC:8702(Pt.I,II&III)
Functional	Maximum overshoot and Under shoot of output rated voltage	4	*
	Voltage Regulation from no load to full load (%)	< / = 3%	*
	20% Overload limit for minimum 10 minutes	Yes	Yes
	Overall Efficiency (%)	> /=90%	> /=90%, > /=92%, > /=94%, > /=96%
	Total Harmonic Distortion(THD) (%)	Maximum 3%	*
	50% Overload limit for minimum 1 minutes	Yes	Yes
Protection	Protection for under voltage at battery terminal at 10.5V per 12 V battery	Yes	*
	Protection of Over voltage,Short Circuit & over load at UPS output terminal	Yes	*
Metering And Indications	Digital Metering in UPS for AC Input Voltage,Output AC Voltage,Current,Frequency, Battery Voltage and Current	Yes	*
	Indicators for mains presence,Battery charging	Yes	*

	and discharging, Output Over Load, Low Battery Voltage		
Reports And Certification	Damp Heat : in accordance with IS:9000(part 5/sec.2)1981 at Temperature of 40 degree C, two cycles of (12+12) hours each 2007)	Yes	*
	Dry Heat Test : in accordance with IS:9000 (part 3/sec.5)1977 (reaffirmed 2007) at 55 degree C for 16 hrs	Yes	*
	Cold Test : in accordance with IS:9000 (Part 2/Sec.4)1977 (Reaffirmed 2007) at -10 degree C for 4 hrs.	Yes	*
	Availability of the Type Test Report from Central Govt. /NABL/ILAC Accredited lab covering all technical requirements.	Yes	*
	Type Test Certificate No.	-	*
	Type Test Certificate 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	Navin Govind	744104, Central Medical Store, Directorate of Health Services Andaman & Nicobar Administration	1	30

Special terms and conditions for category Online UPS

1. Calculation of Minimum VAH based on Back up time Minimum VAH requirements would be calculated on the basis of following: (VAH Calculation: Battery Voltage x Battery Ah x No. of Batteries = VAH) UPS Rating
15 Minutes 30 Minutes 60 Minutes 90 Minutes 120 Minutes 180 Minutes 240 Minutes 1 KVA 400 VAH 800 VAH 1600 VAH 2400 VAH 3200 VAH 4800 VAH 6400 VAH 2 KVA 800 VAH 1600 VAH 3200 VAH 4800 VAH 6400 VAH 9600 VAH 12800 VAH 3 KVA 1200 VAH 2400 VAH 4800 VAH 7200 VAH 9600 VAH 14400 VAH 19200 VAH 5 KVA 2000 VAH 4000 VAH 8000 VAH 12000 VAH 16000 VAH 24000 VAH 32000 VAH 6 KVA 2400 VAH 4800 VAH 9600 VAH 14400 VAH 19200 VAH 28800 VAH 38400 VAH 7.5 KVA 3000 VAH 6000 VAH 12000 VAH 18000 VAH 24000 VAH 36000 VAH 48000 VAH 10 KVA 4000 VAH 8000 VAH 16000 VAH 24000 VAH 32000 VAH 48000 VAH 64000 VAH 15 KVA 6000 VAH 12000 VAH 24000 VAH 36000 VAH 48000 VAH 72000 VAH 96000 VAH 20 KVA 8000 VAH 16000 VAH 32000 VAH 48000 VAH 64000 VAH 96000 VAH 128000 VAH 30 KVA 12000 VAH 24000 VAH 48000 VAH 72000 VAH 96000

VAH144000 VAH192000 VAH40 KVA16000 VAH32000 VAH64000 VAH96000 VAH128000 VAH192000
VAH256000 VAH60 KVA24000 VAH48000 VAH96000 VAH144000 VAH192000 VAH288000 VAH384000 VAH80
KVA32000 VAH64000 VAH128000 VAH192000 VAH256000 VAH384000 VAH512000 VAH100 KVA40000
VAH80000 VAH160000 VAH240000 VAH320000 VAH480000 VAH640000 VAH

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.Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 3.Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
- 4.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.

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

---Thank You---