

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)	30 (Days)
Ministry/State Name	Ministry Of Finance
Department Name	Department Of Financial Services
Organisation Name	Indian Overseas Bank
Office Name	Chennai
Total Quantity	1
Item Category	Online UPS
Experience Criteria	3 Year (s)
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,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
Past Performance	30 %
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.
2. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 30% of bid quantity, in at least one of the last three years before the bid opening date to any

Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Online UPS (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Generic	Rating in KVA (KVA)	3.0 KVA	3.0 KVA
	Technology	IGBT-PWM with inbuilt isolation transformer	IGBT-PWM with 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)	60	60, 120
	Minimum VAH (VAH)	4800	9600, 4800
	Warranty for UPS (Years)	2	2, 3
	Movable trolley for Batteries	Without trolley but with rack	Without trolley but with rack
	Warranty for battery	2	2
	Degree of Protection	IP20	IP21, IP20
	Cabling 5 meters for input and out put	Without	With, Without
	Paralleling kit for synchronising	Without	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%, > /=94%
	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	Yes	*

	per 12 V battery		
	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 and discharging, Output Over Load, Low Battery Voltage	Yes	*
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	Rathod Nirmitt	382721, Indian overseas bank , Nr. Post Office, Moti Bhoyan Op. Ramdev Pir mandir, Ta. Kalol Dist. Gandhinagar Pin - 382721	1	15

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 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
VAH 144000 VAH 192000 VAH 40 KVA 16000 VAH 32000 VAH 64000 VAH 96000 VAH 128000 VAH 192000
VAH 256000 VAH 60 KVA 24000 VAH 48000 VAH 96000 VAH 144000 VAH 192000 VAH 288000 VAH 384000 VAH 80
KVA 32000 VAH 64000 VAH 128000 VAH 192000 VAH 256000 VAH 384000 VAH 512000 VAH 100 KVA 40000
VAH 80000 VAH 160000 VAH 240000 VAH 320000 VAH 480000 VAH 640000 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. 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. Warranty period of the supplied products shall be 5 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid
4. Procurement under this bid is reserved for purchase from Micro and Small Enterprises 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---