



METEOROLOGICAL CENTRE, Palace Road, BENGALURU-1

NOTICE INVITING BIDS FOR SUPPLY OF 2.0KVA/3.0KVA

BID No. 001/AMO KIAL DATED 03RD AUGUST 2020

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Meteorological centre, Palace road, Bangalore-1, (Hereafter referred to as MC BNG), a Sub Unit of India Meteorological Department, under MoES, Govt., of India, invites sealed bids for supplying 2 number each of 2KVA and 3KVA on line UPS with built in Isolation transformer, Surge Protector and with external backup batteries. (as described in the scope of the work.) through two tier bidding.

Time line of the bid:

- a. Bid starts from 3rd August 2020 and closes on 14th Aug 2020 at 1300Hrs IST.
- b. Technical bids will be opened on 14th August 2020 at 1530Hrs IST
- c. Price bids will be opened on 14th August at 1600Hrs IST

A. Scope of the work:

MC BNG desires to install two number each 2KVA and 3KVA UPS, with 30mints backup with built in Isolation transformer, Surge protector and external batteries for backup, as per the technical specifications, at International Airport, Devanahally for the runway meteorological instruments. The approximated load for each UPS, being 5Amps.

The scope of the work involves Supply of UPS, installation, commissioning, of the UPS at the Runway site at International Airport Devanahally.

B. General Terms and Conditions:

1. Bids are invited from the reliable UPS vendors, preferably, within Bangalore city.
2. The bidder, should have registered with state or Central Govt.
3. The bidder should submit a self declaration to the effect in bidder's official letter head that their firm have not been black listed by any Agency, whatsoever till date.
4. The firm should have a valid GST number.
5. The firm participating in the bid should have enough experience for having successfully completed the order with Government firms. Supply order/Successful completion certificate from the Govt., firms may be enclosed
6. All the rates quoted should be in INR only and rounded off to the next integer.
7. Amount is to be quoted separately for Batteries and UPS, as per the Price format attached with this document.

8. The Bidders have to arrive themselves on the number of batteries to be provided for the specific output for the desired backup time (30Mins). (Calculation may be attached).
9. Bidder has to supply All the accessories like connecting cables, pins, lugs, nut and bolts etc., essential for installation.
10. The successful bidder will be sent the purchase order, which should be acknowledged duly within 3 working days of the date of offer letter, failing which it shall be deemed that the firm is not accepting the offer.
11. The Supply, Installation and commissioning should be completed within 10days from the date of purchase order.
12. Bid validity period is two months from the date of issue.
13. Canvassing in connection with Bids is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.

C. Bid Submission:

The Bid concept is "TWO ENVELOPE CONCEPT" and it has to be submitted as such.

1. One cover containing the technical documents, copies of the PAN, Firm Registration, Self attested declaration that the firm is not blacklisted by any agency, turn over of the company, company profile, address proof of the firm (Govt. issued) etc. copy of GST registration and unconditional acceptance of terms conditions of this document, in the firm's letter head.
2. It should be always be placed in sealed cover, with the name of the company written on the envelope mentioning "Technical and Commercial Bid" and "Price Bid" as the case may be and submitted in two different sealed envelopes, both put in a single cover.
3. The Bids may be submitted through Post/ Courier. Or by Hand to MCBNG on or before 14th August 2020, 1300Hrs IST. (Addressed to: **Meteorological centre, Palace road, Bangalore-1**)
4. The price bid in the firms letterhead and in the prescribed format be submitted.

5.The sealed quotations will be received by: the General Section, MC BNG

D. **Bid evaluation:**

BID EVALUATION SYSTEM:

Stage-1: Bids will be opened, by the evaluation committee nominated by MC BNG, in the presence of bidders who are present on 14th August 2020, at 1530Hrs IST. The evaluation committee, will analyse documents submitted by the bidders and declare the bidders who qualify Technically. The evaluation committee, is empowered, to decide on the minimum number of quotations, for processing.

Stage-2: Opening of the Price bids. Price bid of the technically qualified bidders will be opened, on the same time after the technical evaluation, as stated in the bid time line.

AWARD OF SUPPLY ORDER:

- The acceptance of a bid will rest with MC BNG which does not bind itself to accept the lowest BID, and reserves to itself the authority to reject any or all of the bids received without assigning any reason. All bids in which any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected. MC BNG RESERVES THE RIGHT TO ACCEPT THE BID IN FULL OR IN PART AND THE BIDDER SHALL HAVE NO CLAIM FOR REVISION OF RATES/OTHER CONDITIONS IF HIS BID IS ACCEPTED IN PART.
- Successful bidder will be issued the purchase order, which shall be acknowledged duly within three working days. Failing which it will be treated that the offer was not accepted by the bidder.
- The Supply, Installation and commissioning should be completed before 10days from the date of purchase order.

E. Payment terms

Payment will be made based on the certification of MC BNG on full completion of Supply, Installation, Testing and Commissioning of said UPS at the site. No Advance Payment will be made. Payment will be made within 30 days of submission of credit invoice duly authenticated by authorised official at MC BNG, after completion of supply, installation and commissioning of UPS.

NB: For any query related to this BID feel free to contact

N. Ramdoss Met-B, 9448306080

F. Technical Specifications:

Specification	Sub-Spec	Value
Generic	Rating in KVA (KVA)	2.0 KVA AND 3KVA
	Technology	IGBT/MOSFET-PWM with inbuilt isolation transformer and Surge protector
	Input Power	single phase 160V - 260V sinewave,50Hz
	Output power	Single phase 230V +/-1% sinewave 50 Hz
	Backup time (Minutes)	30
	Minimum VAH (VAH)	1600 FOR 2KVA and 2400 for 3KVA
	Warranty for UPS (Years)	Minimum 3 years
	Warranty for battery	3
	Degree of Protection	IP21
	Cabling 5 meters for input and out put	With
	Paralleling kit for synchronising	With
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)
	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

Functional	Overall Efficiency (%)	>/=90%
	Total Harmonic Distortion(THD) (%)	Maximum 3%
	50% Overload limit for minimum 1 minutes	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 and discharging,Output Over Load, Low Battery Voltage	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

G.

Format of the price bid

Price bid for UPS

Sl No.	UPS					Batteries				(A) + (B) (₹)
	UPS Rating	Qty	Basic price (₹) (Inclusive of all Accessories)	GST (%)	Total Price (₹) (A)	No Of Batteries required.	Basic price (₹) (Inclusive of all Accessories)	GST (%)	Total Price(₹) (B)	
1	2.0 KVA	2								
2	3.0 KVA	2								
	Total									

NB: The price bid should invariably contain the warranty period for both UPS and Batteries.