

NOTICE INVITING Open E-TENDER for UPS Units

To

All the Eligible Bidders

Dear Sir/Madam,

You are invited to submit your most competitive online quotation through the Central Public Procurement (CPP) portal <https://eprocure.gov.in> in **Two Cover System** on or before the prescribed date and time for the **Supply of UPS units**.

Manual bids shall not be accepted except for the original documents/instruments if any mentioned in this tender. However, hardcopy of Technical bid should be submitted to NCCR on or before the due date and otherwise the bid submitted by online alone will not be considered.

The details of requirement are available in Annexure 1 and the tender enquiry can be downloaded from <https://www.nccr.gov.in> and Central Public Procurement (CPP) portal web site <https://eprocure.gov.in/eprocure/app>. The Technical and Financial bids are to be submitted **online** only on <https://eprocure.gov.in/eprocure/app> up to last date and time of submission of tender. The hardcopy of technical bid should be submitted to NCCR on or before the due date.

1. Brief Details of Tender:

Sr.No.	Items	Description
(i)	Name of Supply/Work	Supply and Installation of UPS units (Specifications of the UPS units are given in Annexure-1)
(ii)	Tender reference No.	MoES/NCCR/ITM/UPS/5/2019
(iii)	Required Validity of Bid	180 Days from the date of opening of Tender.
(iv)	Tender document fee & EMD	NIL
(v)	Last date for Tender submission	ONLINE Bids Submission : 24.02.2020, 5PM; OFFILINE Technical bid : 20.02.2020, 3PM
(vi)	Language of Bid	English
(vii)	Bid Currency	Indian National Rupee (INR)

2. Complete tender can be viewed and submitted through <https://eprocure.gov.in/eprocure/app>. To use the Electronic Tender portal <https://eprocure.gov.in/eprocure/app> Bidders need to register on the CPP portal.

3. **Important instructions to bidders for online bidding:**

3.1 The bidders are required to submit soft copies of their bids electronically on the Central Public Procurement (CPP) portal ie., <https://eprocure.gov.in.in/eprocure/app>, using valid Digital Signature Certificates.

3.2 Bidders are requested to submit the duly filled Technical compliance sheet (**Annexure 1**) along with product brochures in the technical bid.

3.3 Bidders are requested to submit the duly filled Product Details (**Annexure 2**) with the technical bid.

3.4 Bidders other than OEM are requested **to submit the Authorisation Letter from OEM for participating in the tender as per format given in Annexure 3** and equivalently, bidders can use the valid dealership certificate along with copies of 3nos of Purchase orders of similar item or higher with value more than 5 lakhs each during the last two years (2018 to January 2020).

3.5 SUBMISSION OF BIDS:

- i) Bidder should log into the CPP site well in advance for bid submission so that he/ she upload the bid in time i.e on or before the bid submission time.
- ii) While submitting the bids online, the bidder shall read the terms & conditions (of CPP portal) and accepts the same in order to proceed further to submit their bid.
- iii) Bidders select the payment option as offline to pay the Tender Fee/EMD and enter details of the DD/BC/BG/others.
- iv) Bidder shall digitally sign and upload the required bid documents one by one as indicated in the tender document.
- v) Bidders shall note that the very act of using DSC for downloading the tender document and uploading their offers is deemed be a confirmation that they have read all sections and pages of the tender document without any exception and have understood the complete tender document and are clear about the requirements of the tender document.
- vi) Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document. For the file size of less than 1 MB, the transaction uploading time will be very fast.
- vii) **The scanned copy of compliance sheet, technical brochures (if any) and other essential documents should be uploaded in pdf format. All such documents should be properly signed and sealed by bidder.**
- viii) Bidders shall submit their bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission end date & time (as per Server System Clock). **The TIA will not be held responsible for any sort of delay or the**

difficulties faced during the submission of bids online by the bidders at the eleventh hour.

- ix) After the bid submission (**i.e. after Clicking "Freeze Bid Submission"** in the portal), the bidders shall **take print out of system generated acknowledgement** number, and keep it as a record of evidence for online submission of bid, which will also act as an entry pass to participate in the bid opening (if any) or for records.
- x) Bidders should follow the server time being displayed on bidder's dashboard at the top of the tender site, which shall be considered valid for all actions of requesting, bid submission, bid opening etc., in the e-tender system.
- xi) All the documents being submitted by the bidders would be encrypted using PKI (Public Key Infrastructure) encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology.

3.3 ASSISTANCE TO BIDDERS:

- (i) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender of the relevant contract person indicated in the tender.
- (ii)** Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24X7 CPP Portal Helpdesk Toll free nos. available in CPP portal.
- (iii) Clarifications, if any required to be sought on this tender may be obtained through writing letter, addressed to The Director, National Centre for Coastal Research (NCCR), II Floor NIOT Campus, Velachery - Tambaram Main Road, Pallikaranai, Chennai-600100 or send email to nccr@nccr.gov.in.
- (iv) Bidders should submit/upload their bid in CPP Portal, digitally signed in the appropriate given cover only.

Sd/-
Head of Office

Specification cum compliance sheet for Line Interactive 1.5kVA UPS units (14nos)

S.N	Specification Details	Compliance	
		Yes	DEVIATIONS IF ANY
1	INPUT		
	Nominal Input Voltage range: 230V to 240VAC		
	Input Frequency : 48-53 Hz (auto sensing/selecting)		
	Input Connection: Min. IEC-320 C14		
	Voltage range for main operation: 165-275V at full load		
	Input Adjustable range : 155-300 V		
2	OUTPUT		
	Power capacity:975W-980Watts /1.5kVA		
	Output Voltage: 220/230/240 VAC user selectable		
	Efficiency at full load, nominal : > 94%		
	Bypass Provision: Automatic and manual		
	Output frequency: 47-53 Hz for 50Hz or 57-63Hz for 60Hz		
	Output Voltage distortion: <6% for linear loads		
	Topology & Waveform : Min. double conversion and Sine wave		
	Output connections: Min 8 nos of IEC-320 C14 and 2nos of IEC jumpers		
3	BATTERY: (Internal only and it should be housed in UPS)		
	Type: SMF lead-acid support, leak proof		
	Backup time : Min 6.5 minutes at full load (800 watts)		
	Battery details : Max. 2 nos of 17 or 18 Ah		
	Recharge time : < 4 hrs		

4	INTERFACE		
	Min. required: RS232, USB and native slot		
	Control Panel: LED indicators for essential functions like, load, on battery, replace battery, overload, etc.		
	Provision of Management software		
	Service: Front access servicing		
	Alarm: Alarm when on battery, low battery, etc		
	Cable: Suitable power cable (01no each) and UPS cable (02nos each) should be provided.		
5	SURGE		
	Surge Energy rating: 480-485 Joules		
	Filtering: full time multi-pole noise filtering, zero clamping response time, meets UL1449		
6	REGULATORY COMPLIANCE		
	Min.: RoHS, BSMI, UL1778, GOST, C-tick, CE, EN50091-2 and BIS		
7	PHYSICAL AND ENVIRONMENTAL		
	Weight: Max.25kg; Tower orientation		
	Audible noise at 1 m : <50dB		
	Dimension (HXW) : Max. 24 X 20 cm		
8	WARRANTY		
	Onsite Comprehensive 2 years for UPS and Batteries		

Signature of Bidder with Company Seal:

Name:

Designation:

Specification cum compliance sheet for Online 6kVA UPS unit (02nos)

S.N	Specification Details	Compliance	
		Yes	DEVIATIONS IF ANY
1	INPUT		
	Nominal Input Voltage range: 230V to 240VAC		
	Input Frequency : 45-65 Hz (auto sensing/selecting)		
	Input Connection: 3xHardwire		
	Voltage range for main operation: 100-275V at full load		
	Input Power factor at full load : >0.97		
	Input Protection : Min Circuit Breaker		
2	OUTPUT		
	Power capacity:5400Watts /6000VA		
	Output Voltage: 220-240 VAC		
	Efficiency at full load, nominal : > 94% on double conversion and >98% at eco mode.		
	Bypass Provision: Automatic and manual; Genset Compatible; Bypass current : Max 40A		
	Output frequency: 47-53 Hz for 50Hz or 57-63Hz for 60Hz		
	Output Voltage distortion: <4% for linear loads		
	Topology & Waveform : Min. double conversion and Sine wave		
	Crest Factor: 3:1		
	Output connections: Min 14nos and all should be battery backup		
	Wave Form : Sine wave		

3	BATTERY: (External only and it should be housed in a suitable rack): 12V, 42AH 16nos. Sufficient no of link cables should be provided. The Rack should be top covered, epoxy powder coated, 2 tier strong, flexible design, and is acid-proof.		
4	INTERFACE		
	Min. required: DB-9 RS-232 , USB, RJ-45 10/100 Base-T and native slot		,
	Control Panel: LED indicators for essential functions like, load, on battery, replace battery, overload, etc.		
	Availability of Management software, EPO and native card interface		
	Service: Front access servicing		
	Alarm: Alarm when on battery, low battery, etc		
5	SURGE		
	Surge Energy rating: 480-500 Joules		
	Filtering: full time multi-pole noise filtering; zero clamping response time : meets UL 1449		
6	REGULATORY COMPLIANCE		
	Min.: RoHS, REACH, CE, IEC and GOST with protection class: min. IP20		
7	PHYSICAL AND ENVIRONMENTAL		
	Net Weight: Max.20kg for UPS unit;		
	Audible noise at 1 m : <56dB		
	Rack / Tower convertible and max 3U		
8	WARRANTY		
	Onsite Comprehensive 2 years for UPS and Batteries		

Signature of Bidder with Company Seal:

Name:

Designation:

Note: Bidders are requested to fill the Compliance Sheet duly as a part of the technical bid. Also, individual prices will be considered for the lowest valued bidder.

ANNEXURE - 2

COMPONENTS AND PRODUCTS

(In response to technical requirement kindly fill up the details of component & products pertaining to the item requirement, in the following format).

Brand Name and Name of the OEM	Product name of Proposed Model	Quantity	Currency Quoted	Remarks
Item 1 (1.5kVA)				
Item 2 (6kVA)				

Signature of the Bidder with Company Seal

Name:

Designation:

Undertaking by Original Equipment Manufacturer(OEM)

(To be submitted in **Original on Letterhead**)

Date: _____

To

The Director,

National Centre for Coastal Research (NCCR),

2nd Floor, NIOT Campus, Pallikaranai,

Chennai - 100

Subject: Undertaking by Original Equipment Manufacturer against tender No. MoES/NCCR/ITM/UPS/5/2019 dated 03.02.2020 for Supply & Installation of UPS units at NCCR, Chennai.

Dear Sir,

We, M/s _____ (Name of the OEM) having registered office at _____ (address of OEM) by virtue of being original equipment manufacturer for _____ (Name of the product/s), hereby authorise M/s _____ (Name of the bidder) having their office at _____ (Address of bidder) to submit quote, supply, install and provide after sales support for our range of products quoted by them to meet the above mentioned tender requirements.

M/s _____ (Name of the OEM) within the scope of requirement as per the tender mentioned above undertake to provide technical & other support towards fulfilling the requirements of installation, commissioning, benchmarking, acceptance criteria and product warranty services of the bidding item at NCCR by our authorised representative M/s _____ (Name of bidder) against said tender.

We will support M/s. _____ (Name of the bidder) on regular basis with all hardware/ software related issues, technology and product updates and extends comprehensive support during the entire warranty period. The undersigned is authorised to issue such authorisation on behalf of M/s _____ (Name of the OEM).

For M/s _____ (Name of the OEM)

Signature & company seal

Name

Designation