



भारत सरकार  
Government of India  
पृथ्वी विज्ञान मंत्रालय  
Ministry of Earth Sciences  
राष्ट्रीय तटीय अनुसंधान केन्द्र (एन सी सी आर)  
NATIONAL CENTRE FOR COASTAL RESEARCH (N C C R)



**LIMITED E-TENDER ENQUIRY**

(Through E-tendering process only)

To

Ref: MoES/ICMAM-PD/Desktop PC/PWQ/47/2015

dated. 15.07.2019

1	The offers are invited for supply of <b>10 KVA UPS</b> as per the description of technical specifications in <b>Annexure-I</b> and also terms and conditions mentioned below:	
2	Type of tender	LIMITED TENDER (e-Tender)
3	Quantity	1 no.
4	Tender document	Available at the <b>websites:</b> i) <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> ii) <a href="http://www.nccr.gov.in">http://www.nccr.gov.in</a>
5	Mode of tender	Online Bidding System pl. submit through the website <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>
6	EMD	Nil
7	Tender	Nil
8	Due date & time of submission of required documents offline at NCCR, Chennai	Upto 2 pm IST of 29.07.2019
9	Due date & time of online bidding by bidders	Upto 5 pm IST of 29.07.2019
10	Due date & time of opening of Part-I offer on-line i.e., techno-commercial bid	At 5 pm IST of 30.07.2019
11	Specification of the item	<b>Annexure-I</b>
12	Instructions to bidders	<b>Annexure-II</b>

Head of Office

**Technical specification****Annexure-I****Item Name : 10KVA UPS****Qty. 1 No.**

<b>ONLINE UPS 10KVA</b>		
UPS	Technology	IGBT
	UPS OUTPUT WATTS	Min. 9000
	UPS EFFICIENCY	92% - 94%
	INPUT -> OUTPUT PHASE	01:01 & 3:1
	Remote Monitoring Card	Should be paid
Batteries / Rack & Links	NO. OF BATTERIES	Max. 16 nos.
	DC BUS VOLTAGE	192
	BATTERY TYPE	SMF
	BATTERY CAPACITY	12V 26 AH SMF
	Accessories	Suitable Racks, Links & Cables
Warranty & Installation	UPS	2 YEARS
	BATTERY - SMF ( Exide or Rocket )	2 YEARS
	Installation	Free
Output	Output connections	1 x hard wire 3 wire
	Output power capacity	Min. 9.0 KWatts / 10.0 kVA
	Max Configurable Power (Watts)	9.0 KWatts / 10.0 kVA
	Nominal Output Voltage	230V
	Efficiency at Full Load	93% - 95%
	Output Voltage Distortion	Less than 3% for 0-100%
	Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal, 50/60 Hz +/-1 Hz, 50/60Hz +/- 3 Hz
	Other Output Voltages (selectable)	220, 240
	Load Crest Factor	3 : 1
	Waveform type	Sine wave
	Overload Operation	60 seconds @ 125% and 30 seconds @ 150%
Output Connections (1) Hard Wire 3-wire (H N + G) (Battery Backup)	Output Voltage THD	< 2% for 0 to 100% linear load and < 5% for full non linear load
	Output Voltage Tolerance	+/-1% static and +/- 5% at 100% load step
	Bypass	Built-in Static Bypass
Input	Nominal Input Voltage	Min. 230V
	Input frequency	40 - 70 Hz (auto sensing)
	Input Connections	Min. Hard Wire 3 wire (1PH+N+G), Hard Wire 5-wire (3PH + N + G)
	Input voltage range for main operations	160 - 285V
	Input voltage adjustable range for mains operation	100 - 280V
	Efficiency at Full Load	94 % - 95%
	input Power Factor at Full Load	0.97 - 0.98
Batteries & Runtime	Battery type	No internal battery - uses external battery system
	Typical recharge time	5hour(s)
Communications & Management	Interface Port(s)	RJ-45, Serial , USB
	Emergency Power Off (EPO)	Yes
	Net Weight	27-29 KG
	Shipping weight	30-33 KG
	Audible noise at 1 meter from surface of unit	Max. 58.0dBA
	Protection Class	Min. IP 20
Sustainable Status Offer	RoHS	Compliant
	REACH	REACH: Contains No SVHCs
	Certification	Min. BIS, CE

**Instructions to Bidders**

1	<p><b>BASIC REQUIREMENTS</b> for vendors to upload in e-procurement web site, Govt of India:</p> <ul style="list-style-type: none"> <li>i. PC with internet</li> <li>ii. Registration with e-procurement system of Govt. of India: <a href="https://eprocure.gov.in/eprocure/app">https:// eprocure.gov.in /eprocure/app</a></li> <li>iii. Digital signature certificate (Mandatory) for uploading the bids to e-procurement system</li> <li>iv. For any clarification, send e-mail to <a href="mailto:nccr@nccr.gov.in">nccr@nccr.gov.in</a></li> <li>v. For any clarification on tender process, use the 24/7 helpline contact numbers mentioned in CPP Website.</li> </ul>
2	The NCCR has the <b>RIGHT TO CANCEL</b> the enquiry or extend the due date of receipt of offer and/ or opening of tender without assigning any reason thereof.
3	NCCR, Chennai has the <b>RIGHT TO VARY</b> the quantity of the items under procurement.
4	<p><b>TWO BID SYSTEM</b></p> <p>A. Online Technical bid B. Online price bid</p> <p><b>A. TECHNICAL BID:</b> The bidder should submit the scanned copy for online submission and the same original hard copy of all the following documents as part of the Technical Bid in the stipulated format. The cover containing the necessary technical bid documents should be superscribed by "<b>Tender Ref No: MoES/ICMAM-PD/Desktop PC/PWQ/47/2015 Part I Technical BID for "10 KVA UPS</b>" Manual submission of technical bid documents along with the relevant documents should be submitted to NCCR, on or before the due date of online e-tender submission (i.e on or before <b>29.07.2019, 05:00</b> hrs Indian standard time). Please note that the <b>PRICE BID</b> should be submitted through <b>ONLINE ONLY</b>.</p> <p><b>B.ONLINE SUBMISSION:</b> The bidders must submit their offer in <b>Two Bid (Both Technical and Price bid)</b> through e-procurement system upto the scheduled time and date.</p> <p>Complete tender documents along with supporting documents as per the tender conditions below, should be duly filled in and signed in and scanned copy of the same should be uploaded in the e-procurement system.</p> <ul style="list-style-type: none"> <li>i. All the documents, as per Eligibility criteria/ technical specifications</li> <li>ii. List of the documents submitted by the bidder must be enclosed on the letter head of the bidder, giving the reference of the tender no. &amp; date and due date of</li> </ul>

	<p>opening.</p> <p>iii. A list of reputed clients to whom the firm has supplied similar items to be furnished along with the quotation.</p> <p>iv. Overwriting and corrections should be attested properly,. The quotation should be complete in all aspects and should be duly signed. Incomplete and unsigned quotation will not be considered at all.</p> <p>v. Scanned copy of Tender Acceptance Letter as per <b>ANNEXURE-III</b></p> <p>vi. Scanned copy of Technical Compliance Sheet as per <b>ANNEXURE-IV</b></p> <p>vii. Scanned copy of details of Components and Products of the required item as per <b>ANNEXURE - V</b></p> <p>viii. Check list as per <b>ANNEXURE - VI - "Check List"</b></p> <p>ix. In case tenderer divert the tender and opts to submit its offer through their authorized entity, then authorization letter in original duly signed for specific tender should be submitted along their by the firm quoting on their behalf.</p> <p>x. The bidders / tenders will not be allowed to make any variations in the price bid or any amendments to commercial offers already uploaded online and after the date of opening of the tender.</p> <p>xi. Tenderer shall confirm that "the rates quoted by are reasonable and lowest charged to any of your customer". Please enclose documentary proof such as latest purchase order copies etc., to substantiate the reasonability of price.</p> <p>xii. Safe arrival of material upto destination shall be the responsibility of the supplier</p>
5	<b>VALIDITY OF QUOTATION:</b> The offers must remain open for acceptance for 180 days from the date of opening of tender.
6	<p><b>EVALUATION OF BIDS:</b></p> <p>After opening of bids, ranking statement will be prepared and the finalization of successful bidder will be done on L-1 (the lowest price) basis.</p>
7	Director, NCCR reserves the <b>RIGHT TO REJECT</b> any quotation received without assigning any reasons.
8	<b>DELIVERY PERIOD:</b> The bidders are required to quote delivery period at the earliest indicating commencement and completion of supply on FOR destination basis. However in case extension of delivery period becomes essential, the supplier will send their request for extension of delivery period to the purchaser before expiry of delivery period.
9	<b>LIQUIDATED DAMAGES:</b> If the supplier fails to deliver the goods within the time to be agreed upon, for delayed deliveries and for delays in installation (whatever applicable) NCCR reserves the right to levy liquidated damages at the rate of 0.5%per week or par their upto maximum of 5%.
10	<b>NO ADVANCE PAYMENT:</b> Since NCCR being Government organization, no advance payment will be made. Every attempt will be made to make payment within 30 days from the date of receipt of bill/acceptance of goods, whichever is later.

**Annexure-III**

**Tender Acceptance (Offer) Letter**

(To be submitted online duly signed format (scanned copy) by the authorized signatory on bidder's company letter head.

Date.....

**To**

**The Director,  
National Centre for Coastal Research  
2<sup>nd</sup> Floor, NIOT Campus  
Pallikaranai, Chennai – 600100**

**Subject:** Acceptance in respect of terms and conditions of tender document for supply of \_\_\_\_\_ (specify item name) at NCCR, Chennai.

Ref: E Proc Tender Ref No..... dated.....

Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned tender from the web site <https://eprocure.gov.in/eprocure/app>.
2. I / We hereby certify that I / We have read all the terms and conditions of tender document from page No. \_\_\_\_\_ to \_\_\_\_\_ (including all annexure / Forms / appendixes, paras, etc.,) which shall part of the contract agreement and I / we shall abide hereby by all the terms and conditions contained therein.
3. The corrigendum(s) issued from time to time by your organization has also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept all the terms and conditions of above mentioned tender document and corrigendum(s) as applicable.
5. In case any provisions of this letter are found violated, then your department / organization shall without prejudice to any other right or remedy be at liberty to reject my bid.
6. I / We confirm that our bid shall be valid up to 120 days from the date of opening of Bid.
7. I / We hereby certify that all the statements made and information supplied in the enclosed appendix, annexure / Forms / paras etc., furnished herewith are true and correct.
- 8/ I / We have furnished all information and details necessary for demonstrating our qualification and have no further prominent information to supply.
9. I / We understand that you are not bound to accept the lowest or any bid you may receive.
10. I / We certify / confirm that we comply with the eligibility requirements as per bid documents.
11. In case any provisions of this tender are found violated, NCCR shall be at liberty to reject this tender and we shall not have any claim against NCCR in satisfaction of this condition.

Yours faithfully,

**Signature of the Bidder  
Name & Designation  
Rubber-stamp of the firm**



**Annexure - IV****Technical Compliance Sheet**

(Bidders are requested to give Compliance of each Specification whether equipment being offered by them is complying with Specification or otherwise)

<b>ONLINE UPS 10KVA</b>			<b>Compliance Yes/No</b>
UPS	Technology	IGBT	
	UPS OUTPUT WATTS	Min. 9000	
	UPS EFFICIENCY	92% - 94%	
	INPUT -> OUTPUT PHASE	01:01 & 3:1	
	Remote Monitoring Card	Should be paid	
Batteries / Rack & Links	NO. OF BATTERIES	Max. 16 nos.	
	DC BUS VOLTAGE	192	
	BATTERY TYPE	SMF	
	BATTERY CAPACITY	12V 26 AH SMF	
	Accessories	Suitable Racks, Links & Cables	
Warranty & Installation	UPS	2 YEARS	
	BATTERY - SMF ( Exide or Rocket )	2 YEARS	
	Installation	Free	
Output	Output connections	1 x hard wire 3 wire	
	Output power capacity	Min. 9.0 KWatts / 10.0 kVA	
	Max Configurable Power (Watts)	9.0 KWatts / 10.0 kVA	
	Nominal Output Voltage	230V	
	Efficiency at Full Load	93% - 95%	
	Output Voltage Distortion	Less than 3% for 0- 100%	
	Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal, 50/60 Hz +/-1 Hz, 50/60Hz +/- 3 Hz	
	Other Output Voltages (selectable)	220, 240	
	Load Crest Factor	3 : 1	
	Waveform type	Sine wave	
	Overload Operation	60 seconds @ 125% and 30 seconds @ 150%	
Output Connections (1) Hard Wire 3-wire (H N + G) (Battery Backup)	Output Voltage THD	< 2% for 0 to 100% linear load and < 5% for full non linear load	
	Output Voltage Tolerance	+/-1% static and +/- 5% at 100% load step	
	Bypass	Built-in Static Bypass	

Input	Nominal Input Voltage	Min. 230V	
	Input frequency	40 - 70 Hz (auto sensing)	
	Input Connections	Min. Hard Wire 3 wire (1PH+N+G), Hard Wire 5-wire (3PH + N + G)	
	Input voltage range for main operations	160 - 285V	
	Input voltage adjustable range for mains operation	100 - 280V	
	Efficiency at Full Load	94 % - 95%	
	input Power Factor at Full Load	0.97 - 0.98	
Batteries & Runtime	Battery type	No internal battery - uses external battery system	
	Typical recharge time	5hour(s)	
Communications & Management	Interface Port(s)	RJ-45, Serial , USB	
	Emergency Power Off (EPO)	Yes	
	Net Weight	27-29 KG	
	Shipping weight	30-33 KG	
	Audible noise at 1 meter from surface of unit	Max. 58.0dBA	
	Protection Class	Min. IP 20	
Sustainable Offer Status	RoHS	Compliant	
	REACH	REACH: Contains No SVHCs	
	Certification	Min. BIS, CE	

D Signature of the Bidder  
Name:  
Designation:  
Rubber-stamp of the firm

**Annexure - V**

**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).

<b>Sl.No</b>	<b>Brand Name and Name of the OEM</b>	<b>Product name of Proposed Model</b>	<b>Quantity</b>	<b>Remarks</b>

Signature of the Bidder  
Name & Designation:  
Rubber-stamp of the firm



**Annexure-VI****Check List**

(Following documents are to be submitted online as a part of Technical bid. Bidders are requested to put a √ mark for ensuring submission of document in the appropriate one)

<b>Sl. No</b>	<b>Description</b>	<b>Online submission</b>	<b>Manual submission</b>
1	Duly signed price bid along with standard terms & conditions.	Submitted / Not Submitted	NA
2	Authorisation letter by OEM (original scanned copy by online & Mannual submission) for participating this tender	Submitted / Not Submitted	Submitted / Not Submitted
3	Tender Acceptance Letter by online & Mannual submission	Submitted / Not Submitted	Submitted / Not Submitted
4	Details of Products and Components as per Appendix -v	Submitted / Not Submitted	Submitted / Not Submitted
5	Technical Compliance sheet as per Appendix -iv	Submitted / Not Submitted	Submitted / Not Submitted
6	Any other relevant document / Product broacher (scanned copy by online)	Submitted / Not Submitted	Submitted / Not Submitted
7	This Check list Annexure-VI (scanned copy by online & Mannual submission )	Submitted / Not Submitted	Submitted / Not Submitted

Signature of the Bidder  
Name & Designation  
Rubber-stamp of the firm