

L I M I T E D T E N D E R  
N O T I C E

Tender Ref. No.	Date	Tender Due Date
PUR/6/2020-MCAD_DIV_SAM_CHE-SMR CHE DEPTT-10424	01-12-2020	16-12-2020

To


Dear Sir,

The Purchase Officer, SAMEER-Centre for Electromagnetics invites sealed tender for the supply of materials / Services as per details given below:

Sl. No	Description of Items
1	Hiring of 10KVA UPS on monthly rental basis - 5 Months

**Terms and Conditions:**

1. Price quoted should be on the basis of Destination delivery at Perungudi Campus, Chennai 600 096.
2. Delivery / Completion period should be clearly indicated.
3. Excise Duty, GST Percentage should be clearly indicated if admissible. Not eligible for FORM 'C' / 'D'
4. WE ARE EXEMPTED FROM EXCISE DUTY
5. Quotation should be valid for atleast 60 days from the date of opening of the tender
6. Quotation should be sent in sealed envelope super scribing the tender reference number and tender due date.  
YOUR OFFER WILL NOT BE CONSIDERED IF OUR TENDER REFERENCE NO. &  
TENDER DUE DATE IS NOT MENTIONED ON COVER.
7. Late tenders will not be accepted under any circumstances
8. We reserve the right to accept or reject any quotations fully or partly without assigning any reasons.
9. For Further Clarification Please Contact 044-22544061 / 22544020 Email: [purchase.chn.sameer@nic.in](mailto:purchase.chn.sameer@nic.in)
10. Unsolicited bids shall not be considered

  
(P.Ramamoorthi)  
Head – Administration

Contd.,

## Specification of Online UPS for rental

Category	Specification	Value
Generic	<b>Rating in KVA (KVA)</b>	10.0 KVA
	<b>Technology</b>	IGBT-PWM with inbuilt isolation transformer
	<b>Input Power</b>	Three phase 300 V - 450V sinewave,50Hz
	<b>Output power</b>	Single phase 230V +/-1% sinewave 50 Hz
	<b>Backup time (Minutes)</b>	<b>120</b>
	<b>Batteries placement</b>	With/Without trolley but with rack
	<b>Degree of Protection</b>	IP20/IP21
	<b>Cabling for input and output connection</b>	Required
	<b>Installation and Commissioning</b>	Required
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	Required
	Overall Efficiency (%)	≥90%
	Total Harmonic Distortion(THD) (%)	Maximum 3%

Category	Specification	Value
Protection	Protection for under voltage at battery terminal at 10.5V per 12 V battery	Required
	Protection of Over voltage, Short Circuit & over load at UPS output terminal	Required
Metering and Indications	Digital Metering in UPS for AC Input Voltage, Output AC Voltage, Current, Frequency, Battery Voltage and Current	Required
	Indicators for mains presence, Battery charging and discharging, Output Over Load, Low Battery Voltage	Required
Rental period	5 months	Required