

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

Tender Ref. No. ACCT/34/2018-MCAD_DIV_SAM_
CHENNAI-5346(MS)

Date 26.09.2018

Tender Due Date 10.10.2018

To

Dear Sir,

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

Sl.No	Description of Items	Qty No
1	20kVA Online UPS system with Batteries (Specification is attached)	1

Terms and Conditions

1. Price quoted should be on the basis of Ex-Factory delivery at Taramani campus, Chennai- 600 113.
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


(P.Ramamoorthi)
Head – Administration

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Specification for 20 KVA Online UPS System with Batteries

1. Capacity : 20 kVA
2. Nominal AC input Voltage : 3 phase AC input (415 V 430 V \pm 70 V)
3. Output Voltage : 230 V AC \pm 1% , 1 phase output
4. Input frequency : 50 Hz \pm 3 Hz
5. Output Frequency : 50 Hz \pm 1 %
6. Technology : IGBT with isolation transformer model
7. Input power factor : >0.95
8. Output power factor : 0.8(lag)
9. Output waveform : Pure sine wave
10. Output Crest factor : 3- 1
11. Inverter Efficiency : $> 90\%$
12. Harmonic distortion : $< 3\%$ (linear load) & $< 5\%$. (non-linear load)
13. Battery type : Maintenance free battery
14. Overload capacity : 125% for 1 min & 150 % for 10 sec
15. Back-up time : 30 minutes at full load condition
16. Preferred indications : Mains ON, Inverter ON, Output ON, DC low, Inverter Trip Output low, Output High, Bypass Mode, Battery Mode
17. Certifications/Compliance : EN 60950, EN/IEC 62040-2
18. Audible Alarm : Battery mode, Low battery alarm, Overload
19. Protections : Output short circuit protection, advanced electronic protection for device, soft start feature for rectifier and inverter
20. Operating conditions : 0- 95 % RH non condensing 0-45 deg C
21. Warranty : Two years manufacturer's warranty on UPS