

E N Q U I R Y L E T T E R

Tender Ref. No. S-CEM/LP/3036/99-04/17-18
Date 05/06/17
Tender Due Date 20/06/17

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	Qty.
1.	5 KVA UPS unit for antenna measurement room (As per Specification enclosed)	1 No.,

Terms and Conditions

1. Price quoted should be on the basis of Ex-Factory delivery at Taramani, Chennai – 600 113.
2. Delivery period should be clearly indicated.
3. Excise Duty, Sales Tax 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 at least 60 days from the date of opening of the tender
6. Quotation should be sent in sealed envelope superscribing 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. Kindly provide "NO BID" letter in case you are not able to participate in the tender.
10. For Further Clarification Please Contact 044-22541817/2106/2102/1583, Ext:- 261
Email: purchase.chn.sameer@nic.in

Yoursfaithfully

P. Ramamoorthi
(P.Ramamoorthi)
Head – Administration

Specification for 5 KVA UPS System with Batteries

1. Capacity : 5 kVA
2. Nominal AC input Voltage : 3 phase AC input (415 V 430 V +/-70 V)
3. Output Voltage : 230 V AC +/- 1% , 1 phase output
4. Input frequency : 50 Hz +/- 3 Hz
5. Output Frequency : 50 Hz +/- 1 %
6. Technology : IGBT
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. Audible Alarm : Battery mode, Low battery alarm, Overload
18. Protections : Output short circuit protection, advanced electronic protection for device, soft start feature for rectifier and inverter
19. Operating conditions : 0- 95 % RH non condensing 0-45 deg C
20. Warranty : Two years manufacturers warranty on UPS
21. Make : Branded make like APC, Swemas, Hitachi or equivalent