

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/3/2019-MCAD_DIV_SAM_CHENNAI-6646 12.03.2019 26.03.2019

To

Dear Sir,

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

SI.No	Description of Items	Qty (Nos.)
1	Handheld Spectrum Analyser (Specification list attached)	1

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
10. Unsolicited bids shall not be considered

(P.Ramamoorthi)
Head – Administration

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Handheld Spectrum Analyzer Specification

Sl. No	Parameters	Required Specifications
1.	Frequency Range	100 kHz to 6 GHz
2.	Internal frequency reference Accuracy	+/- 1 ppm.
3.	Frequency Resolution	1 Hz
4.	Resolution Bandwidth	10 Hz to 3 MHz
5.	Frequency Span	0 Hz Zero Span, 10Hz to 7GHz
6.	Video Bandwidth	1 Hz to 3 MHz
7.	SSB Pchse Noise@100KHz	< -95dBc
8.	Displayed Average Noise level	better than -120 dBm
9.	Level display range	Log scale and Linear scale
10.	Level Scale units	dBm, dBmV, dB μ V, W, V
11.	Detectors	Normal, Positive Peak, sample, Negative Peak, Average
12.	Minimum no of Traces	4
13.	Trace functions	Clear/Write, max/min. hold, Average
14.	RF Input VSWR	≤ 3
15.	Sweep Time	100 μ s to 200 s for Zero Span
16.	RF Input Connector and Impedance	Type-N, Female, 50 Ohms
17.	Connectivity	USB, LAN
18.	LAN connectivity	Should be configurable to standard windows PC through LAN
19.	Power Requirements	Adaptor Voltage: 230 V, 50 Hz +/- 5%
20.	Battery Operating Time	Minimum 3.0 Hour
21.	Warranty	Minimum 1 year
22.	Environment Protection	Required
23.	Calibration certificate	Should be provided
24.	Service Centre's	Should be available in India
25.	Carry case/Bag	Should be provided