NOTICE INVITING QUOTATIONS

Ref: IITD/IDDC/ALV/PM/ Date: February 7, 2013

DUE DATE: 5:00PM, February 22, 2013

Sealed quotations are invited for the supply of one in number Portable RF Power Meter with following specifications.

Operating Frequency range 10 MHz to 6 GHz
Power range –60 dBm to +20 dBm
Maximum power +23 dBm, 5 VDC
Power accuracy
(10 MHz to 6 GHz) +20 dBm to – 40 dBm <± 0.50 dB
-40 dBm to - 55 dBm <± 2.00 dB
Linearity +6 dBm to – 50 dBm <± 0.50 dB
-50 dBm to - 55 dBm <± 1.100 dB
Noise floor At 0 °C to 50 °C < –60 dBm
SWR (0 °C to 50 °C) < 1.22

Power (equipped with auto-shutoff) • Two 1.5 V alkaline AA batteries (with low battery indicator)
• USB interface cable (Standard-A to Type-B)2
• Optional external DC power supply3 (V3500A-PWR)

Display • 4 digits with backlight and auto-shutoff feature
• Hold feature—most recent reading is shown on the display and is no longer updated

Connector • USB 2.0 interface with a mini-B USB connector4
• Type N male RF connector (50 Ω characteristic impedance)

Operating environment • At 0 ° to 50 °C
• Up to 80% RH for temperature up to 35 °C, non-condensing
• Altitude up to 2,000 meters

EMC compliance Certified with IEC 61326-2-1:2005/EN 61326-2-1:2006
Pollution degree Pollution Degree 2
Warranty • Three years

TERMS & CONDITIONS COVERING SUBMISSION OF QUOTATIONS
1. Quotations must mention the CIF/FOB IIT DELHI price in Rupees including all taxes.
2. Only reputed suppliers/representatives in India offering on-site service will be considered
3. Quotation can be submitted by authorized dealer/distributor. A letter from the manufacturer must be attached for authenticity as authorized service provider/Distributor.

4. If the items are the proprietary items of the firm, a certificate stating the same may also be provided.

5. Installation at IIT free of cost.

6. Institute has a right to accept or reject quotation without assigning reason.

7. Quotation validity: at least 30 days.

The quotation should be submitted to:

Dr. A.L. Vyas  
Room No. WS 136 
Instrument Design Development Centre  
Indian Institute of Technology Delhi  
Hauz Khas, New Delhi-110016  
Email: alvyas@iddc.iitd.ac.in  
Phone: 011 26591442