

**Instrument Design Development Centre
INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI-110016**

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)	Power range	Accuracy
	+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	<± 1.1.00 dB
Noise floor	At 0 °C to 50 °C	< -60 dBm
SWR (0 °C to 50 °C)	< 1.22	
Power (equipped with auto-shutoff)	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 4 digits with backlight and auto-shutoff feature• Hold feature—most recent reading is shown on the display and is no longer updated	
Connector	<ul style="list-style-type: none">• USB 2.0 interface with a mini-B USB connector4• Type N male RF connector (50 Ω characteristic impedance)	
Operating environment	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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 30days.

The quotation should be submitted to:

Dr. A.L.Vyas
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