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Enquire No.: EE/SKM/005/2018

Kanpur  
24/01/2018

**Starting date: 07/02/2018**  
**Ending Date: 05/03/2018**

Sir/Madam,

Sub: High Frequency Power Analyzer

We are inviting quotation for **one** High Frequency Power Analyzer. The power analyzer will be used in a lab environment to carry out various power related experiments.

The equipment should have following features:

- Single phase analyzer and Number of Input Channels: 1
- Frequency Range DC, 0.1 Hz to 100 kHz or higher
- A/D Converter 16bit, sampling rate 1KS/sec minimum
- Voltage and current measurements up to 600V and up to 20A respectively
- Basic Power Accuracy 0.1% of Reading or even better
- Data update rate of approx. 100msec or even faster
- Harmonic Analysis be in compliance with IEC/EN 61000-3-2/4-7 standard and measurements up to 50 Orders or even higher
- Desirable direct input current range 1mA – 22A
- Desirable standby power analysis be in compliance with IEC62301/EN50564 and analysis testing as low as 5mW



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- Measurement Parameters: voltage, current, active and reactive power, apparent power, power factor, phase angle, frequency, peak voltage and current, crest factor, integration , time, %,voltage RMS, MEAN, Active, apparent and reactive power integration
- Operating temperature being 0deg to 40deg C or higher
- Warm up time of approx. thirty minutes
- Rated supply voltage: 100 to 240VAC with allowable supply voltage fluctuation range of 90 – 264 VAC
- Rated supply frequency of 50 Hz with allowed supply frequency fluctuation of 48 to 63 Hz
- Preferable Interface: Standard: USB, RS-232 or GP-IB
- Minimum 3 years warranty

We request to kindly send in your quotes and specs by **05/03/2018**. Please send the technical and financial specifications in sealed envelopes separately.

Thanks,

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