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## ENQUIRY

ENQUIRY NO : IPR/EQL/18-19/065  
Date : 04-06-2018

**Due on : 28-06-2018 by 1:00 PM IST**

Please send your offer in sealed envelope specifying Enquiry No, Date & Due Date, ALONG WITH your credentials for the following items:

### Important Note:

Please note that e-mail quotations are not acceptable however you may send your queries (if any) to [localpurchase@ipr.res.in](mailto:localpurchase@ipr.res.in)

Please ensure your sealed quotation reaches this office not later than above mentioned due date and time.

Kindly go through the following documents properly before quoting which are available on the IPR web portal i.e., [http://www.ipr.res.in/documents/tender\\_terms.html](http://www.ipr.res.in/documents/tender_terms.html) / attached herewith.

- 1) Instructions to the bidders & Terms and conditions (refer Form No: **IPR-LP-01.V4**)
- 2) Bidding format

**GST for Goods and Services (IGST/CGST/SGST TAX BENEFITS):** Please refer **clause no: 8** of Form No: **IPR-LP-01.V4**

### QUOTATION SHOULD BE ADDRESSED TO PURCHASE OFFICER ONLY

Sr No	Description	Quantity
1	Clamp on Meter (True RMS)	2.0 Nos.

Note: detailed specification is attached.

Encl: As per attachment.

Sd/-

Mr. D. Ramesh  
Purchase Officer-II

**Information to Vendors:** We are working towards a single platform for our future requirement. Hence, please refer IPR website i.e, <http://www.ipr.res.in/documents/tenderseng.html> for our future requirement.

## Technical Specification of Clamp on Meter (True RMS)

	IPR Specification	Requirement
1	AC Voltage Measurement	0- 750 V
2	Accuracy	± 5 %
3	DC Voltage Measurement	0- 1000 V
4	Accuracy	± 5 %
5	AC Current Measurement	0- 2000 A
6	Accuracy	± 5 %
7	DC Current Measurement	0- 2000 A
8	Accuracy	± 5 %
9	Resistance Measurement	0- 4000 $\Omega$ With buzzer facility below 20 $\Omega$ measurement
10	Display	LCD Display
11	Operational Facility	Data Hold facility
12	Frequency Characteristics	Up to 750 Hz
13	Voltage Withstand (Between electric circuit and housing)	5000 V (AC) for 5 sec
14	Max Conductor Size	$\Phi$ 50 mm
15	Power Source	Battery operated
16	DC Output	Connectivity with oscilloscope for data recording
17	Safety	IEC 61010-1 CAT III 1000 V
18	Operating Temperature	0-50 $^{\circ}$ C
19	Warranty	1 Year
20	Additional Requirement	Test Leads
		Output Connector between Clamp on meter & Oscilloscope
		Carrying Case
		Instructional Manual

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Dep. Project Head

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### Technical compliance of Clamp on Meter (True RMS)

	IPR Specification	Requirement	Vendor Specification
1	AC Voltage Measurement	0- 750 V	
2	Accuracy	± 5 %	
3	DC Voltage Measurement	0- 1000 V	
4	Accuracy	± 5 %	
5	AC Current Measurement	0- 2000 A	
6	Accuracy	± 5 %	
7	DC Current Measurement	0- 2000 A	
8	Accuracy	± 5 %	
9	Resistance Measurement	0- 4000 Ω With buzzer facility below 20 Ω measurement	
10	Display	LCD Display	
11	Operational Facility	Data Hold facility	
12	Frequency Characteristics	Up to 750 Hz	
13	Voltage Withstand (Between electric circuit and housing)	5000 V (AC) for 5 sec	
14	Max Conductor Size	Φ 50 mm	
15	Power Source	Battery operated	
16	DC Output	Connectivity with oscilloscope for data recording	
17	Safety	IEC 61010-1 CAT III 1000 V	
18	Operating Temperature	0-50 °C	
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		Instructional Manual	