

IITDh/IPS/2025-26/LPC/284
18TH February 2026

Invitation for Quotation

Name of the Work: Electrical and HVAC Meters for O & M

Location: Permanent Campus IIT Dharwad

With reference to the aforementioned work, quotations are hereby invited for the said work. Interested vendors with experience in said works can submit their quotes (*as per Annexure-1*) on their official letterhead, duly attested, **in a sealed envelope via post/ courier** to the following address:

To,
IPS Office (NE-113),
First Floor Admin Block,
Indian Institute of Technology Dharwad,
Permanent Campus, Chikmalligwad.
Dharwad-580011.

Deadline for submission: 4th March 2026 up to 1300 hours

NOTE:

- **Any quotes received after 1300 hours on 4/03/2026 will not be accepted.**
- **Name of the Work / LPC number and Firm name should be mandatorily written on the sealed cover.**

Sd/-
Executive Engineer
Indian Institute of Technology Dharwad

Electrical Meters for O&M					
Sl.no	Item Type & Description	Make Details	Nos Reqd	Rate/Unit ₹	Total
1	<p>RISHABH DIGITAL MULTIMETERS RISH MIT 30, Multi, Medium (RP1430) Insulation resistance measurement up to 3G Ohm: Insulation resistance measurement up to 3G Ohm with Test voltages selection: 50 V, 100V, 250V, 500V and 1000V. Route mean square value with distorted wave form: Measuring principal employed permits the measurement of root mean square value (TRMS) OF AC quantities and mixed quantities (AC and DC) regardless of wave form. AC Current measurement with clip-on sensor: Current measurement up to 300A with clip-on sensor having ratio 1mV/10mA. Min/Max Function: By pressing min/max button instrument will start recording minimum and maximum readings. Temperature measurement: Temperatures from -200 to 800 °C using pt100 and pt 1000 sensors. Auto Power Off: In order to save the power of the Batteries, the meter will automatically shut OFF if it detects no activity for 10 minutes. With All accessories like probes, clips and etc....</p>	RISHABH / FLUKE / Extech (TELEDYNE FLIR)	2		
2	<p>RISH Clamp POWER 1000A AC-DC REL INRUSH HOLD MIN/MAX 1000A AC-DC Measures following parameters AC & DC voltage up to 1000V AC & DC current up to 1000A Inrush /peak value measurement Active, reactive and apparent power Horse power measurements kWh Measure up to 49th Harmonics Phase Angel THD DF Power Factor Crest Factor LPF Mode for VFD Application Including probe set, carrying case, two crocodile clips and necessary accessories.</p>	RISHABH / FLUKE / Extech (TELEDYNE FLIR)	1		
3	<p>Rishabh ALCT 606A AC Leakage Clamp Meter, Multi, Standard, SRCM_01 Compact size leakage clamp meter Current measurement from 0.1mA to 600A Large jaw opening. Data storage facility upto 99 records Complies with CE, CAT protection</p>	RISHABH / FLUKE / Extech (TELEDYNE FLIR)	1		

4	Rishabh AECT12 - Smart Earth Clamp Tester No need for auxiliary electrodes for the measurement of earth resistance in grounding system with a loop. Internal data logging up to 99 readings. Wide jaw size of 65x32 mm. Wide earth resistance measurement up to 1500Ω. Alarm function for pass/fail test with sound and light indication.	RISHABH / FLUKE / Extech (TELEDYNE FLIR)	1		
5	Rishabh AET-23 Smart Digital Earth Tester Measurements of earth resistance across three ranges: 0-20 Ohms, 0-200 Ohms and 0-2000 Ohms Measures AC earth voltage from 0-200V 2000 count large-size LCD display with integrated backlight Rotary dial testing selection and clearly labeled ports for V, E, P and C connections. Automatically powers off after ten minutes of inactivity Low battery indicator Indicates Data hold function Memory storage up to 20 records 2-wire and 3-wire testing procedures possible With All accessories like probes, clips and etc....	RISHABH / FLUKE / Extech (TELEDYNE FLIR)	1		
6	Rishabh 612 1000V Ac/Dc Digital Multimeter DC & AC Voltage 100micro to 1000V DC & AC Current 10micro to 10A Capacitance from 100mOhm to 60Mohm Frequency from 10Hz to 10MHz Continuity testing Peak value measurements Temperature measurements with K-type thermocouple With All accessories like probes, clips and etc..	RISHABH / FLUKE / Extech (TELEDYNE FLIR)	2		
7	CTEK BATTERY ANALYZER Tests 12V battery condition and shows results instantly The CTEK BATTERY ANALYZER has been specially designed for testing 12V lead acid starter batteries, including Wet, Maintenance Free, Ca/Ca and Gel. The clear on board display quickly gives you easy to understand results about your battery's condition and tells you what action you need to take next. Simply attach the clamps to the battery and follow the on screen step by step instructions. The Analyzer tests the battery in seconds for an instant result. The test won't put any load on your battery and it doesn't generate any heat or dangerous sparks. And there's no need to disconnect your battery when you're using the Analyzer because CTEK's patented technology makes sure it's safe for you and your vehicle's electronics. Features	CTEK / FLUKE / Extech (TELEDYNE FLIR)	2		

	Reverse polarity protected 2-year warranty				
8	Fluke Light Meter 1. Measure in lux or foot-candles, with one button to switch between display options 2. Measuring range up to 20,000 lux or foot candles 3. Data hold to freeze reading on the digital display 4. Min/max ability to show high and low readings 5. Auto power off to save battery life 6. Includes protective sensor cap	RISHABH / FLUKE / Extech (TELEDYNE FLIR)	1		
9	Mastech M266 Digital AC Clamp Meter AC/DC Voltage AC Current Resistance Tester Display: 3 1/2 digit LCD, with automatic polarity indication. Terminal and Earth Ground: 1000V DC or 750V rms AC (sine) Measuring Method: Dual-slope integration A-D converter Overrange Indication: " 1 " Figure only in the display Polarity Indication: " - " displayed for negative polarity Operating Temperature: 0°C to 40°C (32°F to 104°F) Storage Temperature: -10°C to 50°C (14°F to 122°F) Power: 9V alkaline or carbon-zinc battery(NEDA 1604)	Mastech / Extech (TELEDYNE FLIR) / FLUKE / RISHABH	6		
10	Fluke 59 Max Infrared Thermometer	RISHABH / FLUKE / Extech (TELEDYNE FLIR)	1		
11	Metraavi CO-09 Carbon Monoxide Meter/Detector	Metraavi / HTC / Honeywell	1		
12	Elitech HLD-100+ Refrigerant Gas Leak Detector Halogen Leak Detector HVAC CFCs HCFCs HFCs	Elitech / Testo / Extech (TELEDYNE FLIR)	1		
13	ACTIVA 200kg weight machine for shop 350x350mm platform size MILD STEEL 10gram accuracy Weighing Scale	ACTIVA / Eagle / Honda	2		
14	Digital Psychrometer Thermo-Hygrometer Preciva LCD Mini Temperature and Humidity Meter with Dew Point and Wet Bulb Temperature Hygrometer for Industry, Agriculture, Meteorology and Daily Life	Preciva / Protmex / HTC	1		
15	The HTC 30-130dB Sound Level Meter SL-13A is a professional-grade instrument designed for accurately measuring sound levels across a wide range of applications. 1. With its advanced features and reliable performance, this sound level meter is widely used in industrial, environmental, and occupational noise monitoring. 2. Sound level meters are designed to measure sound pressure levels, which indicate the intensity of sound. The unit of measurement for sound pressure levels is the decibel Min./Max., Data hold, Overload Indication "UN & OL", Auto Power off (APO).	HTC / FLUKE / Extech (TELEDYNE FLIR)	1		

	3. Range: 30-130dB, Resolution: 0.1dB, Accuracy: ± 1.5 dB				
16	Insulation Testers 5000V 10000Mohms, 50 Ohm	WACO/MECO	1		
					SUBTOTAL ₹
					GST ₹
					TOTAL ₹

(Contractors Sign and Seal)