



**Department of Electrical Engineering**  
**DELHI TECHNOLOGICAL UNIVERSITY**  
*(Formerly Delhi College of Engineering)*  
Shahbad Daultapur, Bawana Road, Delhi-110042

F. No. DTU/EED/SERB Project/3902/2023/149

Dated: 09.08.2024

**NOTICE INVITING QUOTATION**

Sealed quotations are invited for the supply of **Solar Analyzer** in Department of Electrical Engineering. The sealed quotations on company's letter head including GSTIN No. with **DTU/EED/SERB Project/3902/2023/149**, should reach to the office of the Head, Department of Electrical Engineering, Delhi Technological University, Delhi-110042 latest by **16.08.2024**.

S. No.	Item Description		Qty	
1.	<b>Solar Analyzer</b> with below mentioned specification		01	
	Open Circuit Voltage Measurement (PV Terminals)	Display Range		0.0VDC - 1000VDC
		Measuring Range		5.0VDC - 1000VDC
		Resolution		0.1VDC maximum
		Accuracy		± (0.5 % + 2 digits)
		Enunciators		DC voltage polarity correct or reversed
	Short Circuit Current Measurement (PV Terminals)	Display Range		0.00ADC - 15.00ADC
		Measuring Range		0.50ADC - 15.00ADC
Maximum Power		10kW		
Resolution		0.01ADC maximum		
Accuracy		± (1% + 2 digits)		
Earth Continuity Resistance Measurement	Test Voltage Open Circuit	>4VDC, nominal		
	Test Current into 2 Ω	>200mA		
	Display Range	0.00Ω - 199Ω		
	Measuring Range	0.05Ω - 199Ω		
	Resolution	0.01Ω maximum		
	Accuracy	± (2% + 5 digits)		
	Visible Warning	≥30V AC or DC at inputs		
Insulation Resistance (Auto Test Sequence, PV Terminals and Red 4mm Terminal)	Test Voltage Open Circuit	250V, 500V, 100V		
	Test Voltage Specification	-0% +20% (open circuit)		
	Test Voltage @ 1mA	>1mA		
	Test Current Short Circuit	<2mA		
	Display Range	0.05MΩ - 200MΩ		
	Measuring Range	0.05MΩ - 200MΩ		
	Resolution	0.01MΩ maximum		
	Accuracy	0.05MΩ - 100MΩ ± (5% + 5 digits) 101MΩ - 200MΩ ± (10% + 5 digits)		
	Visible Warning	≥ 30V AC or DC at inputs		
	Compliant Standards	With IEC 6244 and IEC 61829		
Connectivity	USB download to PC (CSV Format)			
Compatibility	With Android version			
Warranty period	1 year			

**Department of Electrical Engineering**

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1. Sr. Account Officer
2. HOD (CC) to upload on DTU website
3. Notice board, EED.