



THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

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**Dr. K.SIVASANGEETHA, M.D.,
REGISTRAR (FAC)**

Rc .No.SIII(3)/26008/2025

Dated: 30.12.2025

To
The Vendors

Sir,

Sub: Stores - The Tamil Nadu Dr. MGR Medical University, Chennai – 32. – Supply and installation Providing energy meter for Auditorium- measuring – the Air conditioners Power and Lighting Power consumption –requested - Reg

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I am to request you to quote your lowest rate for the supply of the following Electrical items for the use of this University.:-

ESTIMATION FOR AUDITORIUM ENERGY METER

Sl no	Description	Qty
1	Supply and fixing KWH meter EPM-14-M1 Size- 96(H) X 96 (W) X 54 (D) , Voltage Input 50 To 520V AC L-L CAT III, Current Input 50mA To 5Amp AC direct or C.T Selectable up to 6000/5 ratio Power Supply 100 to 270V AC, 50/60Hz, Approx 4VA	2 set
2	Supply and fixing 400A/ 5A Class 1/0.5 accuracy CT coil	8 nos
3	Supply and installations control wirings for CT coils KWH meter and etc	2 set
4	Making the 96 X 96 mm cut out and at Existing panel board (OR) New fixing metal box (200 X 200 X 150 MM) SWG CRCA Sheet for Fixing of KWH meter	2 set

Model	EPM-14-M1
Display	UPPER: 7-seg, 8-Digit,0.39", RED LED Display for KWH LOWER: 7-SEG, 4-Digit,0.39", GREEN LED Display for KW
Size(mm)	96(H) X 96 (W) X 54 (D)
Panel Cutout	92(H) X 92 (W)
Voltage Input	50 To 520V AC L-L CAT III 30 To 300V AC L-N
Current Input	50mA To 5 Amp AC direct or C.T Selectable up to 6000/5 ratio
Active power (KW)	0000-9999 KW

Active Energy (KWh)	0-99999999 KWH
Power Supply	100 to 270V AC, 50/60Hz, Approx 4VA
Output	Pulse Output: Voltage range 24V DC Max (External) Pulse Width : 10 to 500ms Selectable & With Modbus
Frequency	45 to 65 Hz
Wiring System	30-4W
Protection level (As per request)	IP-65 (Front side) As per IS/IEC 60529 : 2001
Operating temperature	0 C To 50 C
Relative Humidity	Upto 95% RH Non Condensing

The rate should be quoted in net and item should be quoted according to the specifications only. The grand total amount should be quoted in figure as well as in words. Rate quoted other than the specifications will be rejected.

The sealed cover (with Arakku Seal) with your lowest quotation should be superscripted as **“ Quotation for – Supply and installation Providing energy meter for Auditorium- measuring – the Air conditioners Power and Lighting Power consumption for this University- is due on 19/01/2026 and should reach to the undersigned on or before 19.01.2026 ”** addressed to the Registrar of this University. Quotation received after the due date will be summarily rejected. Quotation received in unsealed cover will not be considered. The quotation notice has been published in the University website: tnmgrmu.ac.in

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REGISTRAR(FAC)