

K. KARUNAKARAN MEMORIAL MODEL POLYTECHNIC COLLEGE KALLETUMKARA

Tender Schedule
Tender No. 1/P 549 (3)/2023/MPTC

A3/549(3)/2023/MPTC

Dated 13th December 2023

Tenders are invited for the supply of Electrical Equipment for Electrical Measurement and DC Machine Lab

Last date for receipt of tender will be 12.01.2024 1PM- Late tenders will not be accepted. The tenders will be opened at 2PM 12.01.2024 in the presence of the tenderers or their authorized representatives who may be present at that time.

Intending tenderers may, on application to the Principal, K. Karunakaran Memorial Model Polytechnic college to obtain the requisite tender forms in which tenders should be submitted. Application for the tender form should be accompanied by a cash remittance of Rs. 1000 +1 8%GST which is the price fixed for a form/set of forms and which is not refundable under any circumstances. The tender forms are not transferable .Sale of tender forms will be closed at 3pm on 11.01.2024.Cheques,postage stamps etc will not be accepted towards the cost of forms , nor will the forms be sent per V.P.P. Duplicate tender forms , if required will be issued at 500+ 18% GST and per copy . Those who want the tender form by post should remit an additional amount of Rs.50/- as postal charges.

Every tenderer should send along with his tender, an earnest money of 1% of the total cost of the articles tendered (rounder to the nearest rupee) subject to a minimum of ₹1500,if the amount calculated at one per cent of the value of the articles tendered for falls below ₹1500.If the Government has excepted any firm from furnishing the EMD, they should produce relevant document along with the tender .Agreement in stamp paper worth Rs. 200/- to accompany tender

The successful tenderer shall, deposit a sum equivalent to 5% of the value of the quoted value as security deposit, less the amount of money deposited by him along with his tender.

Place: Kallettumkara
Date: 13.12.2023




PRINCIPAL

K.KARUNAKARAN MEMORIAL MODEL POLYTECHNIC COLLEGE KALLETUMKARA

LIST OF MACHINERY AND EQUIPMENTS REQUIRED FOR SETTING UP OF LABS UNDER ELECTRICAL DEPARTMENT

A. LIST OF EQUIPMENT REQUIRED IN ELECTRICAL MEASUREMENT LAB

Sl. No	Item	Specification	Quantity
1	Voltmeter	0-300V MC type	3
2	Voltmeter	0-50V, MC type	3
3	Ammeter	0-10 A, MC type	5
4	Ammeter	0-2 a, MC type	3
5	Ammeter	(0-1)A ,MC type	3
6	ammeter	(0-5)A ,MI type	3
7	Voltmeter	(0-250)V, MC TYPE	3
8	Wattmeter	300V, 10A,UPF	3
9	Wattmeter	250V, 5A,LPF	3
10	Lamp load	5kw	2
11	Wattmeter	500V,5A,LPF	3
12	Voltmeter	0-600v,MI	3
13	Autotransformer	415V,10A,3 ophase	3
14	Induction motor (SCIM)	3 phase,3HP, 415V, 50HZ,1440rpm	1
15	TPST switch		4
16	Tacho meter	1500rpm	3
17	DPST switch		3
18	Rheostat	400Ω, 2A	3
19	Rheostat	30Ω, 10A	3
20	Single phase electronic energy meter		1
21	Three phase electronic energy meter		1
B. DC MACHINE LABORATORY			
22	DC Shunt motor 2.25 KW/3 HP 220 volts 1500 Rpm with mechanical loading arrangement		1
23	DC Series motor 2.25 KW/3 HP 220 volts 1500 Rpm with mechanical loading arrangement		1
24	DC compound motor 2.25 KW/3 HP 220 volts 1500 Rpm with mechanical loading arrangement		1
25	3 phase 3 HP Squirrel cage induction motor 440V AC 1440 RPM coupled with DC series Generator 2KW on a common base plate		1




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KALLETUMKARA
THRISUR DIST.