

Maharaja Ranjit Singh Punjab Technical University, Bathinda

Purchase of Equipments for Electrical Machine - I Lab at PIT GTB Garh (Moga)

Name of Work:

Name of Agency

Sr. No.	Description of Item	Qty.	Unit
1	Panel for Measurement of efficiency of Single Phase Transformer (Direct Loading)	1	No.
	Variac 8 Amps Single Phase	1	No.
	Loading Rheostat 2 KW Single Phase in 8 Steps of 250 Watt Each	1	No.
	Transformer 1KVA/230/230VAC With Tappings at 50% & 86.6%	1	No.
2	Panel for Sumpner test & Parallel Operation of Single Phase Transformer	1	No.
	Transformer 1 KVA/230/230VAC With Tappings at 50% & 86.6%	1	No.
	Transformer 1 KVA/230/230VAC With Tappings at 50% & 86.6%	1	No.
	Loading Rheostat 2 KW Single Phase in 8 Steps of 250 Watt Each	1	No.
3	Variac 8 Amps Single Phase	1	No.
	Panel for Voltage Relationship of Three Phase Transformer in Various Connections	1	No.
	Variac 4 Amps Three Phase	1	No.
	Three Phase Transformer 1KVA/440VAC	1	No.
4	Loading Rheostat 1.5 KW Three Phase (Each Phase of 0.5 KW) in 4 Steps.	1	No.
	Panel for Scott connections on three phase transformer to get two phase supply.	1	No.
5	Panel to plot of characteristics of Direct current (d.c.) machine	1	No.
	Panel to plot OCC and Load Characteristics of DC Shunt Generator with DC source	1	No.
6	DC Shunt Motor 2 HP Coupled with DC Shunt Generator of 1 KW	1	No.
	Resistive Lamp Load 1 KW	1	No.
7	Starter DC Motor 1HP (3 Point)	1	No.
	Tachometer 2 in 1 (Contact Type 0.5~19,999RPM & Photo type 5~99,999RPM)	1	No.
	Panel for Efficiency of DC Shunt Motor by Swinburne's Test with DC source	1	No.
	DC Shunt Motor 1 HP	1	No.
8	Rheostat 300ohms/2Amps	1	No.
	Starter DC Motor 1HP (3 Point)	1	No.
9	Additional Instruments Required		
	3 1/2 Digit Digital Multimeter (Manual Range)	1	No.

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