



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

POWER SYSTEMS LABORATORY

S No	Item	Make	Quantity	Cost per Unit (Rs.)	Total Cost (Rs.)
1	Single phase transformer protection by Merz price Open ended, star-star; 1 phase 230 V AC, 50 Hz	Protection Systems (India)	01	2,92,000	2,92,000
2	Milli volt drop test MV-SWT 100, 100 A DC. 6V; 400 - 400 - 285 mm	High Voltage (India)	01	42,600	42,600
3	Fault analysis of 3 phase alternator (LG, LL, LLG, LLLG faults); 3 KVA, 415 V, 50 Hz, 1500 rpm	High Voltage (India)	01	2,29,500	2,29,500
4	Characteristics of IDMT over current relay kit 1 phase, 230 V AC, 50 Hz, ranges: 1 to 50 A in steps	High Voltage (India)	01	67,000	67,000
5	Characteristics of microprocessor based over current relay 1 phase 230 V AC, 50 Hz, o/p: 0 - 660V, 220 VA	High Voltage (India)	01	71,200	71,200
6	Performance and testing of generator 3 phase, 1 KVA, 415 V, 50 Hz, 1500 rpm	High Voltage (India)	01	3,97,000	3,97,000
7	Performance and testing of three phase radial feeder Open ended, star-star, 1 phase 230 V AC, 50 Hz	High Voltage (India)	01	3,88,100	3,88,100
8	Desktop computer systems, Intel i5 - 10500 core processor, 16 GB RAM, 1 TB hard disk	Lenovo Think Center - M70C	05	34,335	1,71,675
9	MATLAB 9.0	MathWorks, USA	05	6,284	31,420
Total cost					16,90,495
In words - rupees sixteen lakhs ninety thousand four hundred and ninety-five only					

Date: 07 April, 2022

PRINCIPAL