

GOVERNMENT OF TRIPURA
EDUCATION (HIGHER) DEPARTMENT
WOMEN'S POLYTECHNIC,
HAPANIA, TRIPURA (WEST)

F. 1 (66)/WP/Proc./2019/1174(A)

Date: 30/01/2019

NOTICE INVITING QUOTATION


Sealed Quotations are invited by the undersigned from the reputed and experienced suppliers/dealers for supply of Electrical wiring items for Women's Polytechnic, Hapania, Agartala. The detailed descriptions of the items are as follows:

Sl. No.	Item	Specification	Quantity
1.	Single Phase Transformer	<p>1 KVA, 230/230V with Tapings at 50% & 86.6% Naturally Air Cooled Copper Double wound, Shell type. The transformer will be housed in MS sheet box enclosure with rubber footings. All the terminals of primary & secondary shall be brought over to Bakelite sheet fitted on top of the box through insulated terminals.</p> <p>Complete Setup For performing :- Open circuit and short circuit tests on single phase transformer.</p> <p>Control Panel For Experiment Fitted on Bakelite sheet enclosed in almirah type M S box with lock & handle arrangement suitable for table mounting. 1. MI Voltmeter 96 x 96 mm Sq 0-300V 1 No. 2. MI Voltmeter 96 x 96 mm Sq 0-30V 1 No. 3. MI Ammeter 96 x 96 mm Sq 0-10A 1 No. 4. MI Ammeter 96 x 96 mm Sq 0-1A 1 No. 5. Single Phase Single Element Dynamo type Wattmeter 1 No. 2.5/5 Amp, 75/150/300V Portable UPF type 6. Single Phase Single Element Dynamo type Wattmeter 1 No. 1/2 Amp, 75/150/300V Portable LPF type 7. Single Phase Variac Air Cooled 0-270V, 1No</p>	3
2.	3 phase Induction Motor Trainer(Slip Ring/Squirrel Cage)	<p>Voltage:415VAC,50Hz, Capacity: 300W/4 pole/ 1500RPM, Rotor construction: Star connected, four terminals including star point brought out on 4 slip rings mounted on shaft, Stator Construction: Six terminal are brought out to start the machine using star-delta starter, Frame/mounting: 100 frame, chassis mounted, 19mm shaft dia. Loading arrangement: Friction brake pulley for loading arrangement for torque measurement. Speed Measurement: Using tachometer.</p>	3
3.	D.C. Shunt Generator	<p>2.5 kW, 230 volts, 1500 R.P.M., 4 Pole with inter pole self excited, continuous rating. Control Desk : The Control desk consist of an Instrument panel and working area. The control desk made of 30mm x 30mm x 1.6mm tubular mild steel and MS sheet of 1</p>	3

		<p>mm thickness, Siemens Grey colour powder coated with wooden top on the working area. The overall dimensions W = 900 mm ; D = 625 mm ; H = 1500 mm. The Box type Instrument Panel above the working area and of size W = 900 mm ; D = 250 mm ; H = 750 mm & Front side of 6mm thick bakelite sheet of brown colour and fitted at inside of the tube structure. All other sides made of MS sheet, Two sides of the panel are to be perforated for air ventilation. Back side in the form of hinged door with suitable locking arrangement. The working area top fitted in front of the Instrument Panel at a height of 750 mm from bottom. The top of W = 900 mm x D = 375mm and made of 19mm marine plywood fitted with 3 mm Ivory colour edhylam sheet on top. The three sides of the working top lipped using 22mm x 6mm teakwood lipping patti. 30 A. Educational type bakelite insulated banana terminals provided for supply and generator connection. Circuit diagram of panel provided inside the panel. All accessories connected with internal wiring ferrules etc. The Instrument Panel consist of following accessories :</p> <ol style="list-style-type: none"> 1) Voltmeter M.C. type 0-300 volts, 96 x 96 mm : 1 no. 2) Ammeter M.C. type 0-15 Amp., 96 x 96 mm : 1 no. 3) Ammeter M.C. type 0-1.5 Amp., 96 x 96 mm : 1 no. 4) Field regulator disc type suitable to decrease field current upto min. Amp: 1 no. 5) DPST Knife Switch- 20 Amps., it mounted on the Panel Board: 1 no. 6) Indicating lamp LED type Red, colour 12mm size: 1 no. <p>PAINT: Generator will be painted with two coats of smoke gray oil paint and panel board will be powder coated. BASE PLATE: Generator mounted on fabricated base plate of M.S.'C' channel size 75 x 40 x 6 mm thick. Base plate length 800 mm for Prime mover coupling.</p>	
4	Tong Tester	<p>DC Voltage range : 400, 600V Accuracy : +1.0% AC Voltage range : 400, 600V Accuracy : + 1.5% AC Current range : 40, 400A Accuracy : + 2.0% Resistance : 400ohms Accuracy : + 1.0% Clamp size : 28mm (max.) Battery : 1.5V x 2</p>	3
5	Drilling Machine	<ul style="list-style-type: none"> • Heavy duty pillar type frame with 1500 W or better. • Core preparation from regular to irregular samples Core size: EX to 100 mm. • Clamping arrangement to hold specimens with regular/irregular 	1

		shapes. • Two cutting speeds at no load 950/2100 RPM or better.	
6	Single Meter Phase	5 to 30A single phase 2 wire energy meter	3
7	Calling Bell		2
8	Two way Switch	6 A	10
9	Flexible Wire		2 coils

The last date of receipt of quotation is 8th February 2019. The undersigned reserve the right to reject any quotation without assigning any reason.


 (Dr. Tirtharaj Sen, FIE)
 Principal
 Women's Polytechnic
 Hapania, Tripura (W).

Copy to:

1. DDO, Women's Polytechnic for necessary information.
2. PA to Principal for kind information.
3. Convener, Procurement committee for necessary action.
4. Nodal Officer, Website Maintenance, Women's Polytechnic for uploading in the institute site.

Quotation No.:

Date:

From

To
The Principal,
Women's Polytechnic,
Hapania, Tripura (W)

Subject: Quotation for Electrical wiring items.

Sir,

As per your enquiry we are please to quote our best lowest price as following:

SI No.	Item	Qty	Unit price	GST	Unit total	Total

Thank you for the opportunity to quote.

Yours faithfully

Terms & Conditions:

1. The quotation is valid for 30 days.
2. GST registration and Bank details are enclosed herewith.