



## GOVERNMENT POLYTECHNIC, AMBAD

Mhada colony, Pachod Road, Ambad Dist. Jalna

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GP Ambad/Store/Inst Purchase/2017-18/143

Dt: 01/02/2018

### QUOTATION

Sub: Quotation for purchase of equipment Electrical Engg Dept.  
(Due Date: 08/02/2018)

Sealed quotations are from eligible and interested manufacturers/ dealers/ distributors /  
for the following items on the terms and conditions mentioned below.

Sr no	Name of the item with specification	Quantity required
<b>List A (Preferred List)</b>		
1	Induction motor shunt Generator Machine Specifications Both the M-G Set are Flexibly Coupled and Mounted on a "C" channel Base Three Phase induction Motor (acts as prime mover) Type : Squirrel Cage Rating : 2 HP RPM : 1440 (No Load) DC Machine (acts as Generator) Type : DC Shunt Rating : 1 HP Voltage Rating : 220 V $\pm 10\%$ , RPM : 1500 (No Load)	1
2	MCB and HRC Fuse Testing System Experiments Stups :- 1. Study the operating characteristics of Miniature Circuit Breaker B-type 6A. Also draw the Current Time & Temperature-Time characteristics 2. Study the operating characteristics of Miniature Circuit Breaker C-type 2A. Also draw the Current Time & Temperature-Time characteristics 3. Study the operating characteristics of HRC fuse	1
3	Nvis 726 (AC/DC Load) Understanding Characteristics of DIAC, TRIAC and SCR Easy demonstration of VI characteristics of DIAC, TRIAC & SCR Provided with inbuilt power supply of +15, +35V & -35V Generalized design Resistor bank of different values DPM based highly precise Voltmeter & Ammeter Breadboard	1
4	10 Turn potentiometer Single Phase Controlled Rectifier With Ramp Comparator firing scheme Test points to observe output of different blocks On board AC sources of 15 V and 18 V Socket provided to make different connections.	1
5	Rotor Resistance Starter (For Slip Ring Induction Motor)	1
6	Series Inverter Easy to operate and understand On board triggering circuit Test points to observe output at different points	1
7	Step Down Chopper On board Firing Angle. Test Point for check out put at different Blocks. DC motor 24V 500mA with 100 RPM as Load. Socket provided to make different connections. Easy to Operate and Understanding.	1
8	Betry Charging Using SCR The battery is charged with small amount of AC voltage or DC voltage. So if you want to charge your battery with AC source then should follow these steps, we	1

01/02

	need first limit the large AC voltage, need to filter the AC voltage to remove the noise, regulate and Once charging is completed the circuit should automatically turned off get the constant voltage and then give the resulting voltage to	
9	Rubber Mat:-Specification- Class of mats A,Dielectric Strength 30 kV,Sheet Size- 1M*2*2.5MM	3
<b>List B (material will be purchase as per budget availability)</b>		
1	Synchronize the incoming machine (Alternator) with Bus-Bar Practical setup.(1 Dark, 2 Bright Method.)	1
2	Nvis 726 (AC/DC Load)	1

**Terms and conditions**

- The bid/quotation should be submitted in two bid format.
- The first envelope will contain technical specifications of the product, technical literature/leaflet and other documents mentioned below.
  1. Covering letter for tender on the company letter head mentioning official address, contact no, e mail address and website (if available) address.
  2. GST registration certificate/Number
  3. GST clearance certificate/GST challan for last quarter of the financial year.
  4. Authorization/Distributorship certificate from manufacturer. Proof of permission to manufacture the equipment/item mentioned in the quotation from competent authorities (to be submitted if the bidder is not a manufacturer)
  5. Technical literature/ leaflet of the make and model no of equipment quoted.

Additional documents may also be asked by undersigned for confirming the details.

- The second envelope will contain the financial bid in which the all-inclusive rates FOR Destination will be written and signed with the stamp of the establishment in the following format.

Sr no	Name of the item with specification	Quantity required	All inclusive cost per unit	All inclusive cost for quantity mentioned
1				
2				

Date:

(Signature)

Place:

Rubber stamp of organisation

- The two envelopes should be sealed with a mention of the type of envelope (Technical/Financial), reference no, date of opening the quotation on the front side of the envelope. These two envelopes should be sealed in a third envelope by giving heading "Quotation for supply of -----" and writing complete address of the undersigned.
- The quotations should reach the undersigned on or before dt 08/02/2018
- The material will be checked at this institute.
- No extra charges will be paid for cartage, packing etc. for the material rejected and replaced.

- Quotations will be opened at 11.00 AM on dt 09/02/2018
- Rates should be valid for 6 months from the date of confirmation letter.
- Materials should be quoted for standard makes and minimum pkgs.
- Delivery to the consignee has to be effected within 4 weeks from the date of issue of purchase order.
- The undersigned reserves the right to accept or reject any offer or all offers without assigning any reason thereof.

*D. Phisra*  
Principal

Government Polytechnic, Ambad

Copy to - Notice board of this office

[www.gpambad.ac.in](http://www.gpambad.ac.in)

[www.dteau.org](http://www.dteau.org)

[www.dtemaharashtra.gov.in](http://www.dtemaharashtra.gov.in)