

Dr. Babasaheb Ambedkar Technological University,
P.O. LONERE - 402 103, Tal. Mangaon, Dist. Raigad

Our Ref No. : DBATU/Store/EED/ Power Electronics /2019/

Date : 17/07/2019

Quotation For Power Electronics Lab

Due On: 19/08/2019

Date of Opening: 20/08/2019

Time : 03:00PM

To,

Sub: QUOTATION FOR THE SUPPLY OF STORES

Dear Sir,

Your quotation for the items listed overleaf, may please be submitted to the under signed, so as to reach this Office not later than 30/07/2019

While submitting your quotation, the following procedure may please be observed and other points borne in mind.

01. The maker's name must be specified.
02. The "Terms and Conditions" for supply and delivery of stores, should be clearly indicated in the quotation, stating whether rates are, inclusive of all taxes, Packing and forwarding charges Freight charges etc. or not, However rates offered as including all taxes will be more welcome.
03. If packing and forwarding charges are to be charged separately, it should be so clearly stated in your quotation.
04. Please mention clearly whether consignment would be Ex-Godown, Ex-Shop, of F.O.R. dispatching stations. Preferably terms offered as "Delivery of consignment of stores, on F.O.R."
05. Envelope should be clearly marked with our reference No and date of this quotation. It should also be superscripted as per the format given above.
06. The quotation would be opened as per date and timing given above, if desired by you, you may depute an authorized representative with a letter of authority to be present at the time of opening of the quotation at this Office on the aforesaid day, date & time.
07. Your quotation must be valid for a minimum 30 (Thirty) working days from the date of it's opening.
08. Quotation received after the date of opening may not be taken into consideration.
09. Items tendered should confirm to the specification shown in the attached list when and where, full or no specifications are indicated against items in the list. Kindly furnish your full specification in accordance with accepted standards against each item tendered. Where reference to catalogue is made, the relevant catalogues/ Pamphlets/ Literature should accompany the quotation.
10. Your quotation should be for all new items and not for second hand.

11. Please state whether items will be available Ex-Stock. If not the minimum period for delivery, or for supplying the items or stores.
12. It should be clearly stated whether Excise-Duty, Sales-Tax, Central Sales Tax, Insurance Freight or packing and forwarding charges, or any other taxes and duties etc. leviable.
13. It would be appreciated if illustrated catalogues/Literature etc is furnished with the quotation.
14. Expression to as "Complete with standard Equipment" complete with standard accessories "Equipment to" As good as should be avoided. If at all their use is unavoidable then it should be very specifically indicated as to what exactly they mean and what exactly would be supplied under them. Any ambiguity or vagueness should be avoided.
15. For convenience, kindly adopt while quoting the same serial Nos. as given in the list detailed below.

Thanking You.

Yours faithfully,



Registrar

Dr. Babasaheb Ambedkar Technological University,

o/c

By

K.V. Chavhan
 Chief
 18/7/19

List of Items

Sr. No	Description / Specification	Make	Approx Qty Reg.	Rate Per Unite	Remark
	As per list Attached				

Sr. No	Description / Specification	Make	Approx Qty Reg.	Rate Per Unite	Remark
1	Single Phase Cycocnvertor Built in Power Supply Firing circuit on single board. Gradual firing angle control up to 180°. Test point for observe output for different block. Socket to make different connection		2		
2	Speed Control of Universal Motor using SCR Small Universal Motor, On board Two firing Angle, On board RPM Display Firing Circuit: TCA 7851C firing circuit and Ramp-pedestal firing circuit Circuit :Bridge rectifier and Anti Parallel Connector isolation between 230 V AC Supply and firing angle Isolation between SCR Power circuit and firing angle		2		
3	Speed Control of AC Motor Using TRIAC With 230V 1/8HP4500 RPM with Load. On board Two firing circuits. Circuit selection switch is to be provided selection 07 Triggering circuit Firing Circuit Using DAIC and RAMP and Pedestal. Triggering Circuit, Firing Angle Control 0 to 180°. Isolation circuit for 230 V AC and Firing Angle Circuit. Isolation between SCR and Firing Angle circuit (Ramp& Pedestal Circuit), output for measurement on Oscilloscope		2		
4	Buck Converter Optically isolated PWM generation with Gate driver Inbuilt isolation section for measurement of the signal .Space provided for external inductor connection Test Points provided at output of each section to measure the signals		2		
5	Boost Converter Optically isolated PWM generation with Gate driver Inbuilt isolation section for measurement of the signal Space provided for external inductor connection Test Points provided at output of each section to measure the signals		2		
6	Fly back convertor Optically isolated PWM generation with Gate driver Inbuilt isolation section for measurement of the signal. Space provided for external inductor connection. Test Points provided at output of each section to measure the signal		2		
7	Buck Boost Converter Optically isolated PWM generation with Gate driver Inbuilt isolation section for measurement of the signal Test Points provided at output of each section to measure the signals		2		
8	Forward Converter Optically isolated PWM generation with Gate driver Inbuilt isolation section for measurement of the signal Test Points provided at output of each section to measure the signals.		2		
9	Power Electronics Lab Functional blocks indicated on board mimic, Solder less breadboard, On Board DC, AC power supply, triggering circuit, 5 Gate signal output, power electronics main devices, pulse amplifier, isolation transformer, variable load and circuit components, firing angle control 0 to 180 degree variable and 1kHz Pulse Generator		2		
10	SCR Triggering Techniques Two triggering circuits on single board. Test points for observe output pulses. Sockets to make different connections On board DC sources of 5 V and 12 V.		2		
11	Lamp Dimmer Built in power supply On board two firing circuit Gradual firing angle control up to 180 degree In-built Power scope circuit Switch for selection of firing circuit.		2		