

GOVERNMENT POLYTECHNIC, DHULE.



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Enquiry No. : GPD/STORES/DCA /ELECT-I /2018-19/ 3315

Date: - 22 NOV 2018

QUOTATION ENQUIRY

Sub: QUOTATION FOR EQUIPMENTS FOR ELECTRICAL DEPARTMENT.

(Due Date:-13 /12 /2018)

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

P.SN	Name of the item with specification	Quantity required	Total Estimated cost in Rs.	DEPT
6	Speed control of induction motor (Varying Frequency):- Set up consists: Thyristor based inverter circuit, firing angle control circuit with frequency variation between 40 - 100 Hz, thyristor controlled rectifier to obtain regulated dc for inverter circuit, one ac voltmeter (MI type), transformer isolation at test points, 300KW ac induction motor. Built in power supply, 230V mains operated Complete with working manual & patch cords.	1	75000	ELEC
13	Speed Control of DC Motor:- Kit consists dc regulated 150 volt ac supply, two silicone controlled rectifiers, two diodes, one series wound universal motor of 1/8 H.P. A dc motor for tacho feedback, switch for open loop / close loop run, analog RPM meter, firing angle control circuit with rate feedback. Loading arrangement with current meter. Test points for observations. Built in power supply, 230V mains operated Complete with working manual & patch cords.	1	75000	ELEC
8	Identical Single Phase Transformers:- 2 kVA, 50 Hz, 230 Volt/115 Volt, with two tappings on secondary side one at 50% and one at 86.6% . Transformer unit enclosed in metal container	4	40000	ELEC
17	Inverter Circuits (Series, Parallel and Bridge):- Set up should consists :- Pulse generator (60 - 90 Hz nominal) with firing transformer, Four SCRs 600V/15A, one inductor one transformer, one capacitor, two analog meters and RL load to accommodate three lamps of different ratings. The input supply in form of DC 24 volt 6 Amp. Built in power supply, 230V mains operated Complete with working manual & patch cords.	3	75000	ELEC
19	Controlled Rectifier Circuits (Halfwave, Fullwave, Bridge type):- The set up should consists: - Circuit based upon 4 S.C.R 600V/15A configured as full wave fully controlled bridge rectifier. Free run oscillator with zero crossing circuit and pulse transformer, resistive load in form of lamp and inductive load in form of a universal motor (fractional HP). One dc voltmeter across the output points and separate points for observations of waveforms. Supplied with built in line isolator 150VA. Built in power supply, 230V mains operated Complete with working manual & patch cords.	3	75000	ELEC

TERMS AND CONDITIONS

- The bid/quotation should be strictly submitted in two bid format.**
- The first envelope will contain Technical specifications of the product, technical literature/ leaflet and other documents mentioned below:-
 - Covering Letter for tender on the company letter head mentioning official address, Contact No, e-mail address and website address (if available)
 - Registration certificate of firm.
 - GST registration certificate/ Number.
 - GST Clearance Certificate - GST Challan – filled up to July 018.
 - Technical specification literature / leaflet of the make and model no of equipment quoted.
 - Undertaking of the bidder for Quality and after sales service & support and warranty clause for equipment quoted .
 - Proof Authorization/ Distributorship certificate from manufacturer. Proof of permission to manufacture the equipment/ item mentioned in the quotation from competent authorities along with above all mentioned documents are to be submitted, if the bidder is not a manufacturer.
 - Original equipment manufacture certificate if the bidder is manufacturer.Additional document may also be asked by undersigned for confirming the details.

