



GOVERNMENT POLYTECHNIC, KHAMGAON

WINNER OF ISTE-NARSEE-MONJEE AWARD-2000

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Gram:- POLYTECH

E-mail: gpolykhamgaon@rediffmail.com

Date: 02 /01/2020

No. : GPK /Store/inst purchase/ETX/2019-20/23

QUOTATION

To,

Sub: Quotation for purchase of equipment
(Due Date 21 /01/2020)

Dear Sir,

Sealed Quotations are invited 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
	Name of the item	Specification	
1.	PA System	Superior quality 100W high power PA System Superior quality 100W high power PA System 5 Mic and 2 Aux Inputs & 3 Speaker output (4 Ω /8 Ω /16 Ω) Bass and Treble tone controls with Master control. Complete block diagram of a PA system on-board	01
2.	Trainer kit for FDM and TDM Demultiplexing	Trainer kit shall demonstrate principle of FDM and TDM multiplexing and DE multiplexing	02
3.	UJT Characteristics Trainer	Trainer kit suitable to plot V I characteristic of UJT with input points for application of bias voltages (without on board DC supply) and various Test points. On Board Schematic Diagram: Yes Number Of Led Indicators Available To Indicate Power Input:1 Provision Of On-Board Knob For Adjusting The Voltage: Yes Accessories Patch Cords For Interconnection, Power Cords For Ac Supply With facility to use as Relaxation Oscillator	02
4.	Trainer Kit For Negative Feedback Amplifier	Trainer kit suitable to plot the frequency response with and without Voltage series feedback, Voltage shunt, Current series and current shunt feedback. UJT with input points for application of bias voltage and various test points.	02
5.	DC Position Control System Trainer	Demonstration type trainer to conduct 1.Operation of the position control system for different values of the forward gain to angular position commands 2.Step response studies for various values of forward gain With following features: Position control of a 12V, 1A d.c. gear motor (50 rpm) Provision for positive and negative tachogenerator 2V/1000 rpm approximately	02

		<p>µP based waveform capture/display card</p> <p>Built-in 3½ digit DVM for signal measurements</p> <p>Built-in step signal and IC regulated power supplies for electronic circuits</p> <p>Separate unit for motor in a see-through cabinet</p> <p>220V±10%, 50Hz mains operation</p> <p>Literature and patch cords included</p> <p>Essential accessories - a CRO</p>	
6.	Trainer Kit For Ic 723 Voltage Regulator	Trainer kit suitable to study how the IC 723 can be used as variable voltage regulator in low/high mode. Measure the line and load regulation. Inbuilt unregulated DC input and various test points.	01
7.	Digital And Analog IC Tester	ANALOG & DIGITAL IC TESTER with analog IC testing facility up to 16 pin IC and digital IC up to 40 pins	01
8.	Trainer Kit For 4-Bit Counter Using Flip-Flop	<p>Experiments:-</p> <p>1- Study of 4- bit synchronous up counter</p> <p>2- Study of 4- bit asynchronous up/ down counter</p> <p>Setup Including :-</p> <p>>Experiment Trainer Board that Contains:-</p> <p>1.Logic level : + 5V High (logic 1) : 0 V Low (logic 0)</p> <p>2.LED Indicate High and Low Level</p> <p>3.Various test point</p> <p>>5 Volts DC adaptor external</p> <p>>Connecting Patch Cords</p> <p>>With User Manual</p>	0.1
9.	Trainer Kit Class B Push Pull Amplifier Using BJT	On board circuit to study class-b push pull power amplifier With Points For Input And Test ON/OFF switch and LED for power indication. All interconnections are using 2mm banana Patch cords with User manual and patch cords Enclosed in a wooden/plastic box	02
10.	LCR Q Meter	Standard equipment for measuring of inductance, capacitance, resistance values and Q factor.	01
11.	Potentiometers As An Error Detector	With two number of potentiometers and points for connecting external power supply and measurement, facility for rotational measurement.	02
12.	Water Level Measurement Trainer Kit	Capacitive Transducer Precise Signal conditioning Self-contained and easy to operate Data acquisition using USB Sensitive, Linear, Stable & Accurate Functional blocks indicated on board mimic On board Digital Voltmeter On board Indicators; Buzzer & LED	02
13.	Colour Pattern Generator	Standard & Stable colour composite video signal Auto generated composite video signal 5 Standard patterns vertical bar, horizontal bar, circle, white, decoder one at a time	01
14.	SCADA System For Educational Purpose	SCADA system with programming tool for educational purpose	01

TERMS AND CONDITIONS

- The bid/quotation should be submitted in **two bid format**. (Technical bid & Commercial Bid)
- **The first envelope(Technical Bid) will contain Technical specifications of the product, technical literature/ leaflet and other documents mentioned below.** It is mandatory to the suppliers to submit following documents without which your quotation will not be considered.
 1. Covering Letter for tender on the company letter head mentioning official address, Contact No, e Mail address and website (if available) address etc.
 2. Registration letter of suppliers establishment (company/ organization)
 3. GST registration certificate/ Number
 4. GST Clearance Certificate/ GST Challan for last quarter of the Financial year.(Paid up to July 2019)
 5. 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). *Desired*
 6. Technical literature / leaflet (manufacturer /supplier) of the make and model no of equipment quoted.
 7. Under taking by supplier confirming quality of Equipment / Machinery
 8. Under taking by supplier towards supply of equipment within prescribed date / period and post sales services.

(Additional document may also be asked by undersigned for confirming the details.)
- **The second envelope will contain the financial (or Commercial) bid** in which the all-inclusive rates / taxes/GST etc & F.O.R. 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.
	Name of the item	Specifications			

Date -

(Signature)

Place -

Rubber Stamp of Organisation

Important Instructions

- The two envelopes should be sealed with a mention of the type of envelope (technical / commercial or 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 “ **Electronics & Communication Engg Department Equipment**” and writing complete address of the undersigned as below. (Address :Principal, Government Polytechnic, Khamgaon , Jalamb Road , Khamgaon, Dist : Buldana (M.S.) Pin 444 303)
- The quotations should reach the undersigned on or before dt **21/01/2020**
- The material will be checked at this institute.
- No extra charges will be paid for cartage, packing etc. for the material rejected and replaced if any
- Quotations will be opened at 1.00 AM/ PM on **Date 22/01/2020** at office of the Principal of Institute.
- 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 **1 week** from the date of issue of purchase order or **on or before the prescribed date (if any)**
- The undersigned reserves the right to accept or reject any offer or all offers without assigning any reason thereof.
- The said process is subjected to the necessary approval from higher authorities.


Principal

Govt. Polytechnic, Khamgaon



- Copy to : 1) Hon. Director ,Directorate of Technical Education M. S. Mumbai for information please. It is requested to do needful for uploading the same on website as per instructions issued.
- 2) Hon. Joint Directorate of Technical Education Amravati Region, Amravati for information please. It is requested to do needful for uploading the same on website as per instructions issued.
- 3) Head of Electronics Department for information and n a
- 4) Suppliers as list attached herewith through email and by post
- 5) Shri Ambatakar , programmer through Registrar , Govt. Polytechnic , Khamgaon for uploading on Institute website.