GOVERNMENT POLYTECHNIC, KHAMGAON

WINNER OF ISTE-NARSEE-MONJEE AWARD-2000

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Gram:- POLYTECH

Corrigendum 1 No. : GPK /Store/inst purchase/ETX/2019-20/23

Date:02 /01/2020

Dear Sir,

Please refer above cited enquiry letter of this Institute towards the supply of Machinery and Equipment and kindly note the updates shown in column no 5, Name of item at S.N. 3 & 4 below and do needful accordingly. The estimated cost shown in column 5 is inclusive of all taxes, GST, transportation, handling, etc. (inclusive of all).

| Sr. No. | Name of the item with specification | | Quantity | Estimated |
|------------|--|---|----------|----------------------|
| | Name of the item | Specification | required | Cost per item in Rs. |
| 1 | 2 | 3 | 4 | 5 |
| 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 ($4 \Omega/8 \Omega/16 \Omega$) Bass and Treble tone controls with Master control. Complete block diagram of a PA system on-board | 01 | 45000 |
| 2. | Trainer kit for FDM and TDM Demultiplexing | Trainer kit shall demonstrate principle of FDM and TDM multiplexing and DE multiplexing | 02 | 10000 |
| <u>3.</u> | Trainer kit for UJT Characteristics | 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 | 4000 |
| <u>4.</u> | Trainer Kit For Negative Feedback Amplifier using transistor | 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 | 5000 |
| 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 feedback Tacho constant: 2V/1000 rpm approximately Calibrated dials for reference and output position: resolution 1° Servo-potentiometers with full 360° | 02 | 10000 |

| | | rotation | | |
|-----|--|--|----|-------|
| | | µP based waveform capture/display card Built-in 3½ digit DVM for signal measurements Built-in step signal and IC regulated power supplies for electronic circuits Separate unit for motor in a see-through cabinet 220V±10%, 50Hz mains operation Literature and patch cords included Essential accessories - a CRO | | |
| 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 | 3000 |
| 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 | 20000 |
| 8. | Trainer Kit For 4-Bit Counter Using Flip-Flop | Experiments:- 1- Study of 4- bit synchronous up counter 2- Study of 4- bit asynchronous up/ down counter Setup Including :- >Experiment Trainer Board that Contains:- 1.Logic level : + 5V High (logic 1) : 0 V Low (logic 0) 2.LED Indicate High and Low Level 3.Various test point >5 Volts DC adaptor external >Connecting Patch Cords >With User Manual | 01 | 5000 |
| 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 | 5000 |
| 10. | LCR Q Meter | Standard equipment for measuring of inductance, capacitance, resistance values and Q factor. | 01 | 20000 |
| 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 | 5000 |
| 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 | 12000 |
| 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 | 12000 |

Principal,

Govt. Polytechnic, Khamgaon

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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.