



Vinytics AN ISO 9000:2008 COMPANY
PERIPHERALS PVT. LTD.

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Ref. : VPPL/QTN/ETA-D/2K14-15/8772

Dated : 24/11/2014

To

Mr. FB Dwivedi
Ghaziabad

M/s. Electronic Teaching Aids,
Delhi.

**Sub. : Quotation for supply of equipments for Electrical Instrumentation Lab.
(NEE-453)**

Ref. : Your enquiry

Dear Sir,

With reference to your above mentioned enquiry, we are pleased to enclose herewith our quotation for the supply of equipment's along with our terms and conditions for your kind consideration.

We are also enclosing our detailed technical literature / product catalogue for your ready reference. It will give you sufficient information about the products.

We hope you will find our quotation competitive and as per your requirements. However, if you require any other information or clarification, please feel free to contact us.

Thanking you and assuring you of our best services at all times.
We remain,

Your faithfully,
For VINYTICS PERIPHERALS PVT. LTD.

RAKESH DHAR
Manager (Mktg.)

QUOTATION SHEET

Sr. No.	Type No.	Description	Qty. Nos.	Unit Price Rs.
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ELECTRICAL INSTRUMENTATION LAB (NEE-453)

1.	TT-LVDT	MEASUREMENT OF DISPLACEMENT USING LVDT	01	7,400.00
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SPECIFICATION

- * To study of LVDT as displacement transducer
- * Built in AC excitation source 2.5 kHz typical
- * Linear variable differential transformer in non metallic structure
- * Micrometer attachment with mechanical displacement system
- * Displacement range 10 mm/+5mm to -5mm
- * Sockets at different places for observing / measuring the signals
- * Balanced demodulator IC based
- * 3.5 digit DPM as displacement indicator
- * Circuit diagram printed on PCB.
- * 220 V, Built in IC regulated power supply
- * Enclosed in an attractive ABS plastic cabinet with cover.
- * Detailed instruction manual

2.	TT-SGT	MEASUREMENT OF DISPLACEMENT USING STRAIN GAUGE BASED DISPLACEMENT TRANSDUCER	01	8,400.00
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SPECIFICATIONS

- * Parameter Measured : Strain in terms of Kilograms on a cantilever beam.
- * Measurement System : a] Weights b] Transducer with electronic instrumentation.
- * Transducer : Temperature compensated strain gauge.
- * Type : Cu-Ni foil with polyamide carrier base.
- * Gauge Resistance : 350 Ohms (Nominal).
- * Gauge Length : 6mm.
- * Gauge Width : 2.4 mm.
- * Gauge Base : 12.5 mm x 4.3 mm.
- * Gauge Factor : 2:1 (approx.)
- * Transducer : Strain gauges mounted on a stainless steel Measurement cantilever beam.
- * Configuration : Bridge with two arms as strain gauges (Wheatstones Bridge principle).
- * Range : 10 Kilograms.
- * Actual Strain : By various weights to be placed in a pan fixed with the beam.
- * Excitation Source : DC Regulated source.
- * Tare Adjustment : Zero adjustment by a ten turn potentiometer.
- * Readout : 3.5 digit digital display to indicate strain in kilograms.
- * Test Points : Multicoloured test points are provided at various stages in the circuit to observe waveforms and voltages.
- * Indicator : Mains ON/OFF.
- * Power Requirements : 230V, $\pm 10\%$ AC, 50Hz, 1 ϕ .
- * Standard Accessories : Detailed Instruction Manual.

3.	TT-MPT	MEASUREMENT OF DISPLACEMENT USING MAGNETIC PICKUP	01	7,200.00
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SPECIFICATION

- * Study of distance measurement by Magnetic Pickup.
- * Distance measurement simulation using motor and wheel.
- * Electromagnetic pick up
- * Signal conditioner circuitry based upon Op amps
- * Excitation voltage for pick up
- * 4 digit digital counter
- * Test points at various places to study the process
- * Rotation and distance in cm upto 0 – 999.9 cm.
- * Built in IC regulated supplies
- * Enclosed in an attractive ABS plastic cabinet with cover for safety of components.
- * Detailed instruction manual

Sr. No.	Type No.	Description	Qty. Nos.	Unit Price Rs.
4.	TT-LCT	MEASUREMENT OF LOAD USING STRAIN GAUGE BASED LOAD CELL SPECIFICATION <ul style="list-style-type: none"> * Demonstrate the principle and working of load cell and its applications for measuring load 0-2 Kg. * Supply required : 230 V, 50Hz AC. * Built in I.C. based DC regulated power supply with short circuit protection and LED indication for supply ON. * Bridge made up of strain gauges mounted on a specially alloy materials type load cell. * Built in excitation voltage for the bridge. * Built in 3.5 digit seven segment display for direct reading stain in Kg. * Built in highly sensitive signal amplifier. * Different loads provided for building up of load. * Set of patch cords . * Housed in an elegant with a well spread intelligently designed circuit layout on front panel. * Strongly supported by a comprehensive instruction manual complete with theory and operating details. * With essential Test Points and detailed Instructional Manual 230V AC Operated and with required Patch cords 	01	6,900.00
5.	TT-WLT	MEASUREMENT OF WATER LEVEL USING STRAIN GAUGE BASED WATER LEVEL TRANSDUCER SPECIFICATION <ul style="list-style-type: none"> * Study of Water Level Transducer Trainer. * Range : 0 - 250 mm * Jar with Scale * Strain Gauge Transducer * Sockets at different places for observing / measuring he signals * 3.5 digit DPM for indication * 220V Built in IC regulated power supply * Enclosed in an attractive ABS plastic cabinet with cover for savety of components. * Detailed instruction manual 	01	8,600.00
6.	TT-FRT	MEASUREMENT OF FLOW RATE BY ANEMOMETER GENERAL SPECIFICATION <ul style="list-style-type: none"> * Measurement of Air Flow * Display: FND Display * Max. Show Value: 1999 (3 ½) * Sampling Time: approx. 5 second * Probe (Fan) Operating Environment: * Variable Air Flow generation using Fan and variable supply 	01	10,500.00
7.	TT-RTD	MEASUREMENT OF TEMPERATURE BY RTD. SPECIFICATION <ul style="list-style-type: none"> * Study of RTD as temperature measuring transducer * RTD (PT - 100) probe with protection cover * 3.5 digit DPM as temperature indicator * O/P provided on test points for monitoring & controlling. * Heater & Glass thermometer for reference * Detailed instruction manual 	01	4,100.00
8.	TT-TCT	MEASUREMENT OF TEMPERATURE BY THERMOCOUPLE SPECIFICATION <ul style="list-style-type: none"> * Thermocouple with digital panel meter * O/P provided on test points for monitoring & controlling. * Test pins for monitoring at all stages * Mercury thermometer & heater 10 watts * 220 V,Built in IC regulated power supply 	01	4,000.00

Sr. No.	Type No.	Description	Qty. Nos.	Unit Price Rs.
		<ul style="list-style-type: none"> * Enclosed in an attractive ABS plastic cabinet with cover for safety of components. * Detailed instruction manual 		
9.	CT-DFT	DETERMINATION OF CHARACTERISTICS OF A SOLID STATE01 SENSOR/FIBRE-OPTIC SENSOR <ul style="list-style-type: none"> * Fibre Optic Digital Transmitter/Receiver Module * 600nm or 850nm SMA Connectorised FO LED * RS 232C Driver using MAX-232-2 Nos * Optical to Electrical & Electrical to Optical Converter * SMA Connectorised FO Photo Transistor * 1Mtr. PMMA SMA FO Cable * RS232C cables for communication with PC (Optional). * Built in Power Supply * Set of Patch Chord & User Manual. 	01	5,900.00
10.	AL-OPAMP	DESIGN AND TEST A SIGNAL CONDITIONING CIRCUIT FOR 01 ANY TRANSDUCER <ul style="list-style-type: none"> * To study of Op-Amp characteristics Trainer * Inbuilt Power Supply * 2mm Socket & test points provided on board to observe the waveform & signals. * Enclosed in an attractive ABS plastic cabinet with cover for safty of components. * Set of Patch Chords & Experimental Manual. 	01	4,500.00

For VINYTICS PERIPHERALS PVT. LTD.

RAKESH DHAR
Manager (Mktg.)

TERMS AND CONDITIONS

1. **PRICES** : Our Prices are quoted **Ex-Factory.**
2. **VALIDITY** : Our offer is valid for **60 Days** from the date of the opening of the quotation.
3. **DELIVERY** : Delivery will be made within **(2-4) WEEKS** from the date of receipt of your order complete in all respects.
4. **PAYMENT TERMS** : **100% PAYMENT** in advance.
5. **WARRANTY** : **ONE YEAR** from the date of delivery against any manufacturing defect.
6. **EXCISE DUTY** : Excise Duty will be charged **EXTRA** at the time of despatch as per Govt. Rules & Regulations. Present rate of Excise Duty is **NIL.**
7. **SALES TAX** : Sales Tax will be charged **EXTRA** at the time of despatch as per the Govt. Rules & Regulations. Present rate of Sales Tax is:

CST/VAT extra @12.5% on all quoted items.

Our ST No. is LC/103/076396/0282

Our TIN No. is 07490076396

8. **ADDN. LEVIES** : OCTROI, Road Tax or any other tax or levy if applicable are to be borne by you. If Octroi is applicable in your state then please arrange to send the necessary ST Form/Road Permit otherwise octroi as & if applicable has to be borne by you.
9. **FORCE MAJEURE** : We shall not be liable for any delay in delivery by Govt. legislation, War, National Defence Activity, Fire, Strikes, Work stoppage, Transportation delays, Material Scarcity, Act of God or any other reason beyond our control.
10. **NOTE** : **PLEASE NOTE THAT WE HAVE QUOTED OUR DISCOUNTED PRICE WHICH IS OUR FINAL PRICE.**

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Manager (Mktg.)