

**COLLEGE OF ENGINEERING, ADOOR**  
**(Under IHRD, A Govt. of Kerala Undertaking)**  
**Manakkala P.O., Adoor, Phone: 91 - 4734 - 231995/230640**

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No. A3/2084/2017/CEA

Dated: 09.10.2017

**Quotation Notice - No. 02/2017-18**

Sealed quotations are invited from the dealers of purchasing the following items in this institution.

Sl. No.	Item and Specification	Qty
1	DISPLACEMENT TRAINER Using LVDT Range: $\pm 10.0\text{mm}$ , $\pm 50.0\text{mm}$ , $\pm 25.0\text{mm}$ . Excitation Voltage: 1 to 4 kHz at 1 to 2V RMS. Linearity: 1% Operating Temperature: +100 C to 550 C A 6 core shielded cable of at least 2 mtr should be provided along with the sensor.	2
2	STRAIN TRAINER 12 V DC Power Supply to measure strain using stain gauges Beam Dimension (at least): Length 300 mm, Width 28mm and Thickness 2.5. Material: Stainless steel. Weights: 1 Kg, in steps of 100gms. Strain gauge: 350 ohms Resistance, Gauge factor 2 to 2.1. Display: 3 ½ Digit Seven segment led display. Connection: 4 Core shielded cable Resolution: 1 micro strain. Excitation: 10 to: 230 V AC 50 Hz.	2
3	PRESSURE TRAINER The setup should be comprised of an air pump (Foot pump) to build pressure. A bourdon tube dial gauge should be fixed to the pressure chamber parallel to the pressure transducer. Pressure transducer should be of diaphragm type on which strain gauges will be bonded. Pressure source: Foot operated air pressure pump to build Pressure max. 7 Kg/cm <sup>2</sup> Dial gauge: Bourdon tube pressure gauge of 10 Kg/cm <sup>2</sup> Pressure Transducer: Diaphragm type strain gauge based sensor Range 10 Kg/cm <sup>2</sup> Strain gauges: 350 ohms resistance, gauge factor 2 – 2.1. Display: 3 ½ Digit 7 segment LED	2

**Terms and Conditions**

1. Warranty – 12 months
2. Price quoted for each item should be inclusive of all taxes and charges
3. Items should be supplied at the college office.
4. Payment will be released only after verifying the item as per supply order and acceptance.

Due date and time receipt of quotation : 27.10.2017 – 3.00 pm

Date and time for opening of quotation : 28.10.2017 – 12.00 noon

Designation and address of officer to whom the quotation is to be addressed

: The Principal  
College of Engineering, Adoor  
Manakkala P.O., Pathanamthitta – 691551

PRINCIPAL