

# Government Engineering College, Barton Hill

## TENDER SCHEDULE

No P2/2311/15/GECBH

dated 25.06.2015

Superscription	:	Tender No.	06/2015-16
Last date and time receipt of tender	:	29.07.2015 3 pm	
Date and time of opening of tender	:	30.07.2015 12 pm	
Last date and time of sale of tender form	:	29.07.2015 2 pm	
Date upto which the rates are to be firm	:	31.12.2015	
		<b>Original Rs.</b>	Rs 420/-
Cost of Tender form	:	<b>Duplicate Rs.</b>	Rs 210/-
		<b>By Post Rs.</b>	Rs 470/-

Address of the Officer from whom Tender Forms are to be obtained and to whom tenders are to be send.

Principal, Government Engineering College, Barton Hill,  
Thiruvananthapuram.

### List of Items required

Sl No.	Item	Quantity
1.	Digital IC Trainer Kit DC Supply : +5V/1A, $\pm 12V/500mA$ Socket : 4 Nos 16 /20 Pin ZIF Socket Bread Board : 1 No 680 tie points. Logic I/P : 10 Nos Toggle switches. Logic O/P : 10 Nos High Bright LEDs TTL clock : 1Hz,10Hz,100Hz, 1KHz, 10KHz,1MHz Display : 2 Nos 7 segment Display. Mono pulse : 1 Hi & 1 Low pulse With 4mm terminals Model : DTK – 2007 Make : ADD <b>Appropriate connectors should be provided along with the kit.</b>	6
2.	DC Voltmeter moving coil type 0 - 30V  Length :250mm, Width: 190mm, Height: 80mm, Housing: Black Engineering Plastic, , Scale Length: 145mm (approx), Division: 60-150, Weight: 1 Kg Instrument with accuracy class 1.0% for DC, multiple scale, Robust Housing, High resistance to shock & vibrations	5

3.	<p><b>DC Voltmeter moving coil type 0 – 7.5V</b></p> <p>Length :250mm, Width: 190mm, Height: 80mm, Housing: Black Engineering Plastic, , Scale Length: 145mm (approx), Division: 60-150, Weight: 1 Kg</p> <p>Instrument with accuracy class 1.0% for DC, multiple scale, Robust Housing, High resistance to shock &amp; vibrations</p>	5
4.	<p><b>DC Voltmeter moving coil type 0 - 15V</b></p> <p>Length :250mm, Width: 190mm, Height: 80mm, Housing: Black Engineering Plastic, , Scale Length: 145mm (approx), Division: 60-150, Weight: 1 Kg</p> <p>Instrument with accuracy class 1.0% for DC, multiple scale, Robust Housing, High resistance to shock &amp; vibrations</p>	5
5.	<p><b>DC Voltmeter moving coil type 0 - 1V</b></p> <p>Length :250mm, Width: 190mm, Height: 80mm, Housing: Black Engineering Plastic, , Scale Length: 145mm (approx), Division: 60-150, Weight: 1 Kg</p> <p>Instrument with accuracy class 1.0% for DC, multiple scale, Robust Housing, High resistance to shock &amp; vibrations</p>	5
6.	<p><u>Digital Multimeter</u></p> <ul style="list-style-type: none"> <li>• Basic Accuracy 0.25% of measured value</li> <li>• 3 ¾ digit Multimeter, 3100 Counts</li> <li>• AC and DC Current measurement – 300microA range to 10A range – Fuse protected</li> <li>• AC Voltage – 1000V – Over voltage up to 1200V continuous</li> <li>• DC Voltage – 1000V – Over voltage up to 1200V continuous</li> <li>• Resistance - 30 M Ohms</li> <li>• Temperature measurement to be provided as optional</li> <li>• Diode and Continuity Testing.</li> <li>• Auto/ Manual range selection.</li> <li>• Digital &amp; Analog Indication</li> <li>• Automatic Terminal Blocking system for protection of DMM</li> <li>• Voltage protection up to 500 Volts continuous in Resistance, Diode, Continuity and Temperature measuring range.</li> <li>• Continuous storage and updation of MIN/MAX values.</li> <li>• Indication of Negative and Positive values on Analog Scale</li> <li>• Lead resistance compensation for resistance and temperature</li> <li>• Fast Acting Fuses for over current and short circuit protection.</li> <li>• Blown fuse indication</li> <li>• Power Economizing Circuit. Auto Off for battery saving</li> <li>• "Continuous ON" feature in long duration measurement.</li> <li>• Protective Holster for rough duty with tilted stand and One man operation facility</li> <li>• Free Test Certificate traceable to National Standards</li> </ul>	5

7.	<p><b>DC Ammeter Moving coil type 0 – 10 mA</b></p> <p>Length :250mm, Width: 190mm, Height: 80mm, Housing: Black Engineering Plastic, , Scale Length: 145mm (approx), Division: 60-150, Weight: 1 Kg</p> <p>Instrument with accuracy class 1.0% for DC, multiple scale, Robust Housing, High resistance to shock &amp; vibrations</p>	5
8.	<p><b>DC Ammeter Moving coil type 0 – 50 mA</b></p> <p>Length :250mm, Width: 190mm, Height: 80mm, Housing: Black Engineering Plastic, , Scale Length: 145mm (approx), Division: 60-150, Weight: 1 Kg</p> <p>Instrument with accuracy class 1.0% for DC, multiple scale, Robust Housing, High resistance to shock &amp; vibrations</p>	5
9.	<p><b>DC Ammeter Moving coil type 0 – 100 <math>\mu</math>A</b></p> <p>Length :250mm, Width: 190mm, Height: 80mm, Housing: Black Engineering Plastic, , Scale Length: 145mm (approx), Division: 60-150, Weight: 1 Kg</p> <p>Instrument with accuracy class 1.0% for DC, multiple scale, Robust Housing, High resistance to shock &amp; vibrations</p>	5
10.	<p><b>DC Ammeter Moving coil type 0 – 500 <math>\mu</math>A</b></p> <p>Length :250mm, Width: 190mm, Height: 80mm, Housing: Black Engineering Plastic, , Scale Length: 145mm (approx), Division: 60-150, Weight: 1 Kg</p> <p>Instrument with accuracy class 1.0% for DC, multiple scale, Robust Housing, High resistance to shock &amp; vibrations</p>	5



PRINCIPAL

