

DEPARTMENT OF TECHNICAL EDUCATION
GOVERNMENT ENGINEERING COLLEGE, THRISSUR

No.D1/2116/2016

Dated : 2/6/17

SHORT TENDER EXTENSION NOTICE

Sealed Tenders are invited for the supply of Equipments/Consumables for Govt.Engineering college, Thrissur.

	Tender No.	Name of lab	Items & Specification	Last date of issue	Last date of receipt	Date of opening	Tender value	App. Cost
1	D1/4/17-18	Electrical Engineering	Dremel 3000 drilling Unit, Automatic Electric winding machine etc.	19/6/17 12 Noon	19/6/17 2 PM	20/6/17 11 AM	1260 + Postal Charges	3,99,000/-
2	D1/5/17-18	Electrical Engineering	Consumables.	20/6/17 12 Noon	20/6/17 2 PM	21/6/17 11 AM	630/- + Postal Charges	1,84,150/-
3	D1/6/17-18	Electrical Engineering	Meters and Rheostats.	21/6/17 12 Noon	21/6/17 2 PM	22/6/17 11 AM	630/- + Postal Charges	1,59,900/-
4	D1/7/17-18	Electrical Engineering	Kelvins Double bridge, Wheat stone Bridge etc.	21/6/17 12 Noon	21/6/17 2 PM	22/6/17 11 AM	630/- + Postal Charges	2,03,000/-
5	D1/8/17-18	Electrical Engineering	Solar Inverter with Batteries	19/6/17 12 Noon	19/6/17 2 PM	20/6/17 11 AM	788/- + Postal Charges	2,50,000/-

6	D1/9/17-18	Electrical Engineering	Roof top ventilator .	20/6/17 12 Noon	20/6/17 2 PM	21/6/17 11 AM	630/- + Postal Charges	1,60,000/-
7	D1/10/17-18	Electrical Engineering	Windows 10 Software for standalone system	22/6/17 12 Noon	22/6/17 2 PM	23/6/17 11 AM	630/- + Postal Charges	1,80,000/-
8	D1/11/17-18	Electrical Engineering	PSCAD Version 4.6.1 for 25 users	22/6/17 12 Noon	22/6/17 2 PM	23/6/17 11 AM	1260/- + Postal Charges	3,75,000/-
9	D1/13/17-18	Mechanical Engineering	Muffle furnace	22/6/17 12 Noon	22/6/17 2 PM	23/6/17 11 AM	630/- + Postal Charges	1,05,000/-

Total AS = Rs.20,16,050 /-

Phone No.0487-2334144

Website. www.gectcr.ac.in

Intending tenderers may obtain the requisite tender form from Principal, Govt.Engineering College, Thrissur on cash remittance of cost of Tender form + postal charge. Tender forms are not transferable. Late Tenders will not be accepted. Application for the tender form should be accompanied by cash remittance, as per the price fixed for the tender form.

Cheques, Postages stamps etc will not be accepted towards the cost of the forms nor the forms will be sent by VPP.

Tenders should be accompanied by EMD of 1% of the amount by DD drawn in favour of the Principal, Govt.Engineering College, Thrissur with an agreement in Kerala Stamp Paper worth Rs.200/-. Details can be had from the Govt.Engineering College Office working hours..

Copy to: D1/2143/17
D1/2154/17
D1/2151/17
D1/2149/17
D1/2140/17
D1/2150/17
D1/2152/17
D1/2111/17


PRINCIPAL



File No. D₁/2116/17.

T. No. D₁/4/17-18.

Tender value - Rs - 1260/-

Due date : 19/6/17 2PM

Open date : 20/6/17 11 AM

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S.N o.	Item with specification	Quantity
1	Dremel 3000 drilling unit	2 Nos
2.	Dremel220 drilling work station	2 No
3.	Automatic Electric Winding Machine for transformer and coil winding with digital counter and automatic pitch adjustment	1 No.
4.	Dual DC variable power supply 30 V-0-30V, 2 A, with overload and short circuit protection and with digital display	15 Nos
5.	Wireless Multifunction Laser Printer with photocopying and duplex printing facility. Monochrome. Print speed > 30 ppm. Paper size: to be capable of printing up to A3 paper size, USB connectivity.	1 No.
6.	AC/DC current probe 100 A, 100 KHz bandwidth, 10mV/A, 100mV/A scaling	2 Nos.
7.	Digital Noncontact type tachometer 0-5000 RPM	3 Nos
8.	Standard Drill bit Set (0.8 mm bits to 12 mm)	2 Nos
9.	LCR meter to measure inductance from microhenry to Henries, capacitance from nano farad to farad	1 No
10	Single phase Auto transformer, 0-270 V, 10 A	5 Nos


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File No. D1/2143/17.

Tender No. D1/5/17-18.

Tender Value - Rs-630/-

Due date : 20/5/17 2PM.

Open date : 21/5/17 11 AM.



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Sl.No	Particulars	Qty
1	Wooden wiring board (75cmx75cmx3.8cm)	20 Nos
2	Switch (flush) 230V, 6A, Oneway	100 Nos
3	Switch (flush) 230V, 6A, Twoway	100 Nos
4	5 in 1 power socket outlet with PVC box 230V, 16A	20 Nos
5	2 in 1 Socket 230V, 6A	50 Nos
6	PVC box for one switch with cover	100 Nos
7	6x4 PVC box (2 switch + 1 plug) with cover	50 Nos
8	Wooden screws 12x6mm	600 Nos
9	Wooden screws 15x6mm	200 Nos
10	Wooden screws 40x7mm	200 Nos
11	19 mm GI Clamp	200 Nos
12	1 mm ² PVC Copper wire	2 Coils
13	2.5 mm ² PVC Copper wire	2 Coils
14	4 Way 19mm Junction box (black)	100 Nos
15	3 Way 19mm Junction box (black)	100 Nos

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File No. D1/2154/17

T. No. D1/6/17-18.

Due date : 21/6/17 2 PM

Open date : 22/6/17 11 AM.

Tender value. Rs - 630/-

1. List of Items

Sl.No	ITEM DESCRIPTION	Qty
1.	AC Ammeter 15/30 A AC Ammeter 5/10 A AC Ammeter 2.5/5 A AC Ammeter 1 / 2 A Analog moving iron lab type instrument , Bakelite case, Box size -- above 200 X 175 X 95 mm PORTABLE METERS housed in bakelite case with knife Edge Pointer & antiparallax mirror, Scale of 140mm length , quick response due to unique damping, Confirming to BS 89, IEC51 & ISS 1248 Rated Accuracy : Class 1.0 (1% of full scale value) as per IS 1248/84 between 10% - 100% of the scale	2 2 5 2
2.	AC Voltmeter 75/ 150/ 300 V AC Voltmeter 150/300/600 V Analog moving iron lab type instrument , Bakelite case, Box size - above 200 X 175 X 95 mm PORTABLE METERS housed in bakelite case with knife Edge Pointer & antiparallax mirror, Scale of 140mm length , quick response due to unique damping, Confirming to BS 89, IEC51 & ISS 1248 Rated Accuracy : Class 1.0 (1% of full scale value) as per IS 1248/84 between 10% - 100% of the scale	5 5
3.	Multimeter 3-5/6 digits 6000 counts autoranging digital multimeter Temperature 40°C ~ 1000°C / -40°F ~ 1832°F Power : Two 1.5 V 'AA' Battery Low Power Indication Battery Life 200 hours typical Dimensions : 180 x 90 x 52mm (approx) DC Voltage: 600 Mv / 6 / 60 / 600 / 1000v AC Voltage: 600 MV / 6 / 60 / 600 / 750 v DC Current : 600 / 6000 µA / 60 / 600 mA / 6 / 20 A AC Current: 600 µA - 20 A Resistance: 600 Ω - 60 MΩ Capacitance: 9.999 nf - 9.999 mF	10

	<p>Frequency: 99.99 Hz ~ 20.00 MHz</p> <p>Sp. Function: Diode Test, Audible Continuity, Data Hold</p> <p>Weight: 370 gms Including Battery (approx)</p> <p>Accessories Test Leads (Pair), Holster, Battery (installed), Instruction Manual & K Type Thermocouple (upto 260°C)</p>		
4.	Stop watch(Analog type)	5	
5.	3 Φ double element Electrodynamometer type UPF Wattmeter 250/ 500V 10/20A Box size - above 200X300mm Wooden case, Rated accuracy : $\pm 1.5\%$ of full scale value as per ISS 1248/84	2	
6.	3 Φ double element Electrodynamometer type UPF Wattmeter 250/ 500V 5/10A Box size - above 200X300mm Wooden case , Rated accuracy: $\pm 1.5\%$ of full scale value as per ISS 1248/84	4	
7.	1 Φ Electrodynamometer type LPF Wattmeter, PF=0.2 0 - 250/500V 5/10A Box size - above 200X300mm Wooden case, rated accuracy : $\pm 1.5\%$ of full scale value as per ISS 1248/84	1	
8.	1 Φ Electrodynamometer type UPF Wattmeter 0 - 250/500V 5/10A Box size - above 200X300mm Wooden case, Rated accuracy: $\pm 1.0\%$ of full scale value as per ISS 1248/84 between 10% to 100% of the scale	4	
9.	1 Φ Electrodynamometer type UPF Wattmeter 0 - 250/500V 10/20A Box size - above 200X300mm Wooden case Rated accuracy: $\pm 1.0\%$ of full scale value as per ISS 1248/84 between 10% to 100% of the scale	2	
10.	RHEOSTATS - Hexagonal shape, Wire wound Sliding Rheostats are wound with best quality Ni/Cr or Ni/Cr Alloy Resistance Wire on vitreous Enameled drawn steel tubes, fitted with phosphorous Bronze or self lubricating Copper Graphite contact	50 Ω 5A	5
		145 Ω 1.7A	5
11	Power guard meter PG 09- 20Amperes	Measures TRMS Voltage (V) Frequency (Hz) TRMS Current (A) Power Factor (PF) Apparent Power (KVA)	6


Reactive Power (KVAR)
Power (KW)
Energy Consumption (KWh)
Energy Usage Time (EUT)
Carbon Emission (CO₂ in kg)

Features

Three Pin Socket & Plug
Suitable for Indian Socket
Large Dual Row LCD
Display with Backlight
& Annunciator
Memory Retention (KWh,
EUT)
Simple, Easy & Accurate
Continuous Measurement
Counts generated by
Electrical Equipment
(0.555kg CO₂ is generated
by using 1KWh Energy)

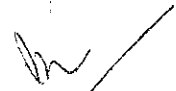
General Specifications

Accuracy : Class 1.0
Power Consumption : Less
than 2W (with backlight)
Working Temperature : -
10°C to +55°C, <70% RH
Dimensions : 156 x 78 x
48mm (approx.)
Weight : 300gms (approx.)


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Sl.No	ITEM DESCRIPTION	Qty.
1.	<p>Kelvins Double Bridge For measuring low resistances. Two or four terminal measurements to be perform. Lead Balancing not necessary when lead resistances lie within specified limits. Twin, 5-position ratio arm, combined with a decade & slide wire, provide a wide range of resistance measurement, i.e. 0.2 micro-ohms to 11 ohms with high accuracy. Current up to 10 A to be used during measurement. Thermal e.m.f. has to be taken into account using the three position (Normal/ Off/ Reverse) current switch. Both ratio arms are to be operated by one switch. For measurement of resistance of thicker wires and rods up to 1.5 mm dia., the Conductor Clamps should have terminals for current as well as potential connections and should be available for lengths of 50cm. Accessories required: Conductor clamp 50cm Power supply for measuring resistance above 5mΩ Light Spot Galvanometer</p>	3
2.	<p>Wheat stones Bridge To measure resistance from 1 milliohm to 11.11MΩ. Use of series arm as Decade Resistance Box. Lead resistance compensation provision for measuring low value resistances. There should be provision for external galvanometer. Built-in dry cell batteries which can be easily replacable. Use of additional power supply should be possible.</p>	3
3.	<p>Venier potentiometer DC potentiometer to measure very low voltage in the range of 0.1- 1.9 V on three ranges. Each step of the potentiometer should be an accurately standardized resistance coil. 1st dial 18 x 0.1 V = 1.8 V II nd dial 100 x 0.001 V = 0.1 V</p>	1

File No. D₁/2151/17
 Tender No. D₁/7/17-18.
 Tender value - Rs - 630/-
 Due date : 21/6/17 2PM
 Open date : 22/6/17 11 AM.


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GOVERNMENT ENGINEERING COLLEGE, THRISSUR

No.D1-2140/2017

Dated: 24/4/17

Tender No.D1/9/17-18

Due Date : ~~19/5~~/17 2PM

Open date : ~~30/5~~/17 11 AM

Tender value : 630/-


Sl.No.	Name of the item	Qty.
1	Supply and installation of roof top air ventilator with wings/vanes. Anodized Aluminium, top and bottom made of S.S 304 Grade and FRP base sheet. Fan size 28" Dia.	16


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File. No. D₁/2149/17.
Tender. No. D₁/8/17-18.
Tender value. Rs-788/-
Due date : 19/5/17 2pm.
Opendate : 20/5/17 11 Am.

S.No.	Name of Item	Specification	Quantity
1,	installation of 3 kW/48V off grid solar inverter with batteries	3kW/48V off grid solar inverter with MPPT charger, IGBT, switches, solar batteries 150AH (4 Nos), wiring and associated work	1


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GOVERNMENT ENGINEERING COLLEGE, THRISSUR

File No.D1-2150/2017

Dated: 24/4/17

Tender No.D1/10/17-18

Due date : ~~25/5/17~~ 2 PM

Open date:~~25/5/17~~ 11AM

Tender Value Rs. 630/-

Sl.No.	Name of the item	Qty.
1	Micro soft Windows 10 software for standalone systems	15


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GOVERNMENT ENGINEERING COLLEGE, THRISSUR

File No.D1-2152/2017

Dated: 24/4/17

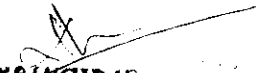

Tender No.D1/11/17-18

Due date : ~~22/5/17~~ 2 PM

Open date: ~~28/5/17~~ 11AM

Tender Value Rs. 1260/-

Sl.No.	Name of the item	Qty.
1	PSCAD version 4.6.1 for 25 users which is capable of Transient Analysis, high frequency studies, Capacitor bank Switching, lightning studies	1No


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GOVERNMENT ENGINEERING COLLEGE, THRISSUR

File No.D1-2111/2017

Dated: 24/4/17


Tender No.D1/13/17-18

Due date : ~~29/5/17~~ 2 PM

Open date: ~~30/5/17~~ 11AM

Tender Value Rs. 630/-

Sl.No.	Name of the item	Qty.
1	Muffle furnace 6 x 6 inches, 3KW temperature 1000 degree C with thyristor power panel with libratherm PID Controller and other electrical accessories	1No


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