

MODEL POLYTECHNIC COLLEGE KARUNAGAPPALLY
Ph: 0476-2623597

TENDER NOTICE

<i>Superscription.-Tender No :- P/538(8)/2014-15 for Purchasing of Multimeters and LCR meters</i>	
<i>Due date and time for receipt of tender.</i>	22.03.2014 3 PM
<i>Date and time for opening of tender.</i>	24.03.2014 3 PM
<i>Date up to which the rates are to be firm.</i>	6 Months
<i>Price of tender form.</i>	Rs.1500 + 13.5% VAT
<i>Price of duplicate copy-</i>	50% of cost of the original copy.
<i>Address of officer from whom tender forms are to be obtained and to whom tenders are to be sent:</i>	The Principal, Model Polytechnic, Karunagappally,Edakkulangara PO,Kerala, PIN-690562

Name of office: The Principal, Model Polytechnic,
Karunagappally,Edakkulangara PO,
Kerala,PIN-690562

(Name and designation of
purchasing officer)

Station and date: Karunagappally ,24.03.2014

SCHEDULE OF MATERIALS

Sl. No	Specification	Quantity	Unit	Rate	Total	Remarks
1	2	3	4	5	6	7
1	Bench type 4 1/2 digital multimeter 33000 count digital reading primary display Accessories:- Test Leads, USB Cable, Software CD, Power Chord, instruction Manual	50	Nos	3000	150000	
2	4 1/2 Digital multimeter	75	Nos	1000	75000	
	LCD size	70x50mm				
	Battery	9V				
	DCV	200mV/2V/20V/200V/1000V				
	ACV	200mV/2V/20V/200V/750V				
	DCA	200µA/2mA/200mA/20A				
	ACA	200µA20A				
	Resistance	200ohm/2Kohm/20Kohm/200Kohm/2Moh				
	Capacitance	2nF/2µF/200µF				
	Frequency	20KHz/200KHz				

3	Analog multimeter 20,000 ohms/volt DC 28 ranges 3-1/2" mirrored scale		30	Nos	1000	30000		
4	LCR Meter Parameter L-Q, C-D, R-Q and Z-Q Frequency 100 Hz, 120 Hz and 1 KHz Accuracy Basic Accuracy : 0.3% 5 digits display for both primary and secondary		4	Nos	8000	32000		
	Measurement Range	L						100 Hz, 120Hz 1mH - 9999H 1KHz 0.1mH - 999.9H
		C						100 Hz, 120Hz 1pF - 9999mF 1KHz 0.1pF - 999.9mF
TOTAL						287000/-		

Whether samples essential: Demonstration needed

Period within which goods should be delivered: 1Week

Rates should be quoted for delivery for Model Polytechnic Collage Karunagappally, Kollam
at Departmental Stores

Other special conditions:

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TENDER NOTICE

<i>Superscription.-Tender No:- P/539(9)/2014-15 for Purchasing of Electronic tools</i>	
<i>Due date and time for receipt of tender.</i>	22.03.2014 3 PM
<i>Date and time for opening of tender.</i>	24.03.2014 3 PM
<i>Date up to which the rates are to be firm.</i>	6 Months
<i>Price of tender form.</i>	Nil
<i>Price of duplicate copy-</i>	NA
<i>Address of officer from whom tender forms are to be obtained and to whom tenders are to be sent:</i>	The Principal, Model Polytechnic, Karunagappally,Edakkulangara PO,Kerala, PIN-690562

Name of office: The Principal, Model Polytechnic,
Karunagappally,Edakkulangara PO,
Kerala, PIN-690562

(Name and designation of
purchasing officer)

Station and date: Karunagappally, 24.03.2014

SCHEDULE OF MATERIALS

Sl. No	Specification	Quantity	Unit	Rate	Total	Remarks
1	2	3	4	5	6	7
1	Bread board with wire connectors(174x67mm) in size	100	Nos	250	25000	
2	Titan insulated electrical Screw Driver Set with durable chrome vanadium drive shaft	10	Nos	350	3500	
3	Wire Stripper Chrome vanadium Steel Hardened & tempered Stripper additionally induction hardened	20	Nos	100	2000	
4	CRO Probe	60	Nos	300	18000	
5	Soldering iron Power consumption 150W (27V) Tip to ground resistance <2Ω Tip to ground potential <2mV Heating element Ceramic heater Length of cord 1.2m	50	Nos	250	12500	

	Total length 175mm (with 2.4D tip) Weight Max. 50g (with 2.4D tip)					
6	Desoldering pump Durable corrosion resistant plastic construction Precision metal plunger Corrosion treated springs Insulated vacuum pulse Regulated return (1 millisecond +30%) Uniform reset pressure (11 in. lbs. +20%)	47	Nos	100	4700	
7	Soldering iron stand	50	Nos	100	5000	
8	Nose Pliers Drop forged from carbon steel Hardened and tempered Mirror polished head	20	Nos	100	2000	
9	Combination Pliers Chrome vanadium Steel Hardened & tempered Cutter Additionally induction hardened	20	Nos	150	3000	
TOTAL					75700/-	

Whether samples essential: Yes

Period within which goods should be delivered: 1 Week

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at Departmental Stores

Other special conditions:

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TENDER NOTICE

<i>Superscription.-Tender No P/540(10)/2014-15 for Purchasing of Telecom Equipments</i>	
<i>Due date and time for receipt of tender.</i>	22.03.2014 3 PM
<i>Date and time for opening of tender.</i>	24.03.2014 3 PM
<i>Date up to which the rates are to be firm.</i>	6 Months
<i>Price of tender form.</i>	Rs.1500 + 13.5% VAT
<i>Price of duplicate copy-</i>	50% of cost of the original copy.
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Kerala,PIN-690562

(Name and designation of
purchasing officer)

Station and date: Karunagappally, 24.03.2014

SCHEDULE OF MATERIALS

Sl. No	Specification	Quantity	Unit	Rate	Total	Remarks
1	2	3	4	5	6	7
1	EPABX	2	Nos	35000	70000	
	Digital, ISDN ready					
	CO Trunks					
	Maintenance and administration console with PCs					
	DID / DOD facility with CLI					
	Modem for remote maintenance					
	Conferencing facility software and hardware for 3/8 party					
	Voice Mail System					
	Simple In Built Power Plant (FC / BC)					
	Traffic analysis software					

2	EPABX Trainer kit	1	Nos	40000	40000	
	Number of inputs : 2 Trunk / Direct Lines.					
	Number of extension : 4 Lines.					
	Dialing - DTMF and Pulse (Ratio 10pps)					
	Cross Talk Attenuation : >70 dBm					
	Test Points : More than 25 Nos.					
	Mains Supply : 230 V \pm 10%, 50 Hz . 60 Hz on request					
	Power Consumption : 40.25 VA (approx.)					
3	FAX Demonstration kit	1	Nos	30000	30000	
4	FAX Machine Satisfying ISI standards	2	Nos	12000	24000	
5	Mobile Phone Trainer	2	Nos	60000	120000	
	Cellular System : EGSM/GSM 900					
	Rx frequency band : EGSM 925 ...960 MHz					
	GSM 900 935...960 MHz					
	Tx frequency band : EGSM 880 ...890 MHz					
	GSM 900 890 ...915 MHz					
	Mains Supply : 220/110 V, 50 Hz . 60 Hz on request					
	Accessories : Battery 3.7DCV 500mA, Hand free Kit 1, Learning Material (CD).					
6	DTMF Telephone Trainer	10	Nos	15000	150000	
	Handset : Handset connection Port (RJ-45)					
	Key Board : 4 \times 4 Matrix Key Board					
	Dialer : DTMF (Tone) and Pulse Dialing Redial upto 32 digits, ON/OFF Hook Switch					
	Mains Supply : 220/110, 50 Hz . 60 Hz on request					
	Power Consumption : 2 VA (approximately)					
7	Cordless Telephone	5	Nos	3000	15000	

	Ranges about 1km					
	Colour display					
	Speed dialling					
8	Push button Telephone	25	Nos	500	12500	
9	Mobile Phone	10	Nos	1500	15000	
TOTAL					476500/-	

Whether samples essential: Demonstration needed

Period within which goods should be delivered: 1Week

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Other special conditions:

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<i>Superscription.-Tender–No:- P/544(14)/2014-15 for Purchasing of Digital IC Trainer Kit and Universal Ic tester</i>	
<i>Date Due date and time for receipt of tender.</i>	22.03.2014 3 PM
<i>Date and time for opening of tender.</i>	24.03.2014 3 PM
<i>Date up to which the rates are to be firm.</i>	6 Months
<i>Price of tender form.</i>	Rs.1500 + 13.5% VAT
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TENDER NOTICE

Name of office: Model Polytechnic,
Karunagappally,
Edakkulangara PO,
Kerala,
PIN-690562

Station and date: Karunagappally , 24.03.2014

(Name and designation of
purchasing officer)

SCHEDULE OF MATERIALS

Sl. No	Specification	Quantity	Unit	Rate	Total	Remarks
1	2	3	4	5	6	7
1	Digital IC Trainer Specifications: • Indicators - 10 TTL/CMOS Logic Level Inputs with Dual Color LED indication for logic low and logic high - 10 LED for output indication. • Clock Generator - Fixed Clock generation of 1Hz, 10Hz, 100Hz, 1 KHz, 10 KHz, and 100 KHz & 1	30	Nos	7000	210000	

	<p>MHz.</p> <ul style="list-style-type: none"> • Pulse Generator • Bread Board Area <p>- Two Distribution Strip of 100 tie points each totaling 200 tie points</p> <p>- One Terminal Strip of 630 tie points</p> <ul style="list-style-type: none"> • Display <p>- Three digit seven-segment LED display.</p> <ul style="list-style-type: none"> • Sockets on board <p>- 14 Pin Socket- 8Nos. - 16 Pin Socket- 3Nos. - 20 Pin Socket- 1No.</p> <ul style="list-style-type: none"> • One IC each of 7400, 7402, 7408, 7432, 7404, 7490, 7495, 7486, 7447 & Two Nos. of IC 7476. <ul style="list-style-type: none"> • Power Supplies <p>- Fixed DC Power Supply: +5V, ±12V.</p>					
2	<p>Universal IC TesterTests</p> <p>Specification:- a wide range of Digital IC's such as 74 Series, 40/45 Series It can test the following items Peripherals 8255, 8279, 8253, 8259 8251, 8155, Microprocessor 8085, 8086, Tests a wide range of Analog Ic's such as ADC, DAC, Opamp, 555, Transistor Arrays, Analog Switches, Waveform Generator Line Drivers, Voltages References opto couplers, Comparators, Voltages Followers and Others.Z80. Display: 16x2 Backlit LCD Display Supply Input Voltage: 230V AC.</p>	2	Nos	60000	120000	
TOTAL					330000/-	

Whether samples essential: Demonstration needed

Period within which goods should be delivered: 1 Week

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TENDER NOTICE

<i>Superscription.-Tender-No:- P/545(15)/2014-15 for Purchasing of voltmeter and Ammeter</i>	
<i>Date Due date and time for receipt of tender.</i>	22.03.2014 3 PM
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Kerala,
PIN-690562

Station and date: Karunagappally, 24.03.2014

(Name and designation of
purchasing officer)

SCHEDULE OF MATERIALS

Sl. No	Specification			Quantity	Unit	Rate	Total	Remarks
1	2			3	4	5	6	7
	Voltmeter 0-10 V			30	Nos	700	21000	
	Voltmeter 0-1 V			30	Nos	700	21000	
	Voltmeter 0-30 V			30	Nos	700	21000	
	Voltmeter 0-60 V	ACV	DCV					
	Display	LCD, 18 mm(0.	LCD, 18 mm(0.7")H					

		7")H						
	Measurement	AC Voltage	DC Voltage					
	Range/Resolution	2x0.001V, 20x0.01V 200x0.1V, 600x1V	200x0.1mV, 2x0.001V 20x0.01V, 200x0.1V	30	Nos	700	21000	
	Accuracy	$\pm (1\% + 2d)$	$\pm (0.5\% + 1d)$ @200mV $\pm (0.8\% + 1d)$ @ 2/20/200V					
	Ammeter 0-100 microA			30	Nos	650	19500	
	Ammeter 0-1 mA			30	Nos	600	18000	
	Ammeter 0-10 mA			30	Nos	600	18000	
	Ammeter 0-20 mA			30	Nos	600	18000	
	Ammeter 0-100 mA						18000	
		ACA	DCA					
	Display	LCD, 18 mm(0.7")H	LCD, 18 mm(0.7")H					
	Measurement	AC Current	DC Current					
	Range/Resolution	2x0.001mA, 20x0.01mA	2x0.001mA, 20x0.01mA	30	Nos	600		

	Power Supply	006P DC 9V battery	006P DC 9V battery					
	Power Consumption	Approx. 1.9 mA	Approx. 1.3 mA					
TOTAL							175500/-	

Whether samples essential: Demonstration needed

Period within which goods should be delivered: 1 Week

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Other special conditions:

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TENDER NOTICE

Superscription.-Tender No P/532(2)/2014-15 for Purchasing and Installation of 25KVA Diesel Generator	
<i>Due date and time for receipt of tender.</i>	22.03.2014 3 PM
<i>Date and time for opening of tender.</i>	24.03.2014 3 PM
<i>Date up to which the rates are to be firm.</i>	6 Months
<i>Price of tender form.</i>	Rs.1500 + 13.5% VAT
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Name of office: Model Polytechnic,
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Edakkulangara PO,
Kerala,
PIN-690562

Station and date: Karunagappally ,24.03.2014

(Name and designation of
purchasing officer)

SCHEDULE OF MATERIALS

Sl. No	Specification	Quantity	Unit	Rate	Total	Remarks
1	2	3	4	5	6	7
1	25KVA Diesel Generator Set Specification : Engine: 33 BHP, 4 Cylinder,A1 class governing, Liquid Cooled,Alternator: 15 KVA, 415 volts, three phase,Control panel:- Standard type1 as per KSEI spec.,Fuel Tank:- MS fuel tank of 70 liters capacity. Rates included for the Supply of 25 KVA diesel Generator set, installation testing and commissioning	1	No	310000	310000	

2	The Service charges for the following a)preparing all necessary papers and drawing submitting to KSEB getting power allocation b) Preparing of completion report, arranging for inspection from KSEB as well as electrical inspectorate c) Forwarding papers of energization excluding all statutory fees		Total	25000	25000	
TOTAL					335000	

Whether samples essential:

Period within which goods should be delivered: 2 Weeks

Rates should be quoted for delivery for Model Polytechnic Collage, Karunagappally,Kollam
at Departmental Stores

Other special conditions: