



शासकीय निवासी महिला तंत्रनिकेतन, लातूर  
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No. : GRWPL/Store/ inst purchase / 2017-18/ 440

Date: - 01 MAR 2018

**"INVITATION QUOTATION"**

Sub: Quotation for purchase of Laboratory Equipment .  
( Due Date 07/03/2018)

Sealed Quotations are from eligible and interested manufacturers/ dealers/distributors/ for the following items on the terms and conditions mentioned below.

Sr. No.	Name of the item with specification	Quantity required	Estimated cost Each No.
1	<b>Function Generator</b> 1 MHz , sine, square, triangular, ramp and pulse generator Freq range 0.01 Hz to 1 Mhz, Output amplitude 20V open circuited, Output impedance 50 ohms. Facility to indicate output frequency & amplitude on display.	2	7000
2	<b>Regulated power supply</b> 0- 30 Volt, 2 A with digital display, with S.C. protection	2	15000
3	<b>Dual regulated power supply</b> 0 to 30 V 2A/3 A dual DC regulated power supply with SC protection digital output meters for current and Voltage	3	15000
4	PUBLIC ADDRESS SYSTEM	1	10000
5	Display Board for, Resistors	1	5000
6	Display Board for, Capacitors	1	5000
7	Display Board for, Cables	1	5000
8	Display Board for, Connectors	1	5000
9	Display Board for Switches and Relays	1	5000
10	Display Board for Inductors	1	5000
11	Strain Gauge set up	1	4000
12	Pressure, measurement using, Bourdon Tube set up	1	6500
13	Flow measurement, using Rota meter	1	6000
14	Temperature, Measurement using, RTD P T 100	1	4000
15	Temperature Measurement using, Thermocouple	1	3000
16	Electric Hot Plate	1	5000
17	3-Phase Squirrel cage Induction Motor 5 Hp, 440 V, 50 Hz	1	18,000
18	Respiration Rate Monitor	1	22000
19	Understanding of Electro-myograph	1	24000
20	Heart Rate Measurement (Transmission Method)	1	25000
21	<b>Analog millimeter</b> Suitable to measure AC/DC voltage , Current and Resistance,DC voltage Range 400mV to 1000 V,AC Voltage Range 4V to 750 V DC current 4 mA to 10A,AC current 4 mA to 10 A Resistance 400 Ohm to 40 M ohm, or any other better specifications and facilities	3	3000
22	<b>CRO Dual Channel, 4 Trace CRT / TFT based,Bandwidth 20 MHz/30 Mhz,X10 magnification 20 nS max sweep rate, Alternate triggering,Component tester and with optional features such as Digital Read out , USB interface</b>	5	16000
23	Digital Voltmeter 0 to 100 V AC & DC measurement	10	1500

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24	Digital Ammeter 0 to 500 mA AC & DC measurement	10	1500
25	0MHz to 200MHz 2 Channel Digital Storage Oscilloscopes	1	50000
26	Optical Fiber Communication	1	30,000.00
27	Trainer kit for mid point converter circuit with R and RL load	1	3000
28	Trainer kit for UJT	1	2000
29	TV pattern generator	1	5000
30	Trainer kit for POWER MOSFET	1	3000
31	Trainer kit for POWER TRANSISTOR	1	3000
32	Trainer kit for SILICON CONTROLLED RECTIFIER	1	3000
33	Trainer kit for Half wave and full wave controlled rectifier using SCR.	1	2000
34	Display Board for Resistors	1	2000
35	Display Board for ,Capacitors	1	2000
36	Display Board for, Cables	1	2000
37	Display Board for, Connectors	1	2000
38	Display Board for ,Switches and Relays	1	2000
39	Display Board for, Inductors	1	2000
40	Universal Motor ( Single Phase AC / DC)	1	12000
41	Specific Resistance Kit	3	1000
42	Parallel Law of Resistance Kit	3	1000
43	Series Law of Resistance Kit	3	1000
44	Magnetic Lines of Force kit	3	2000
45	Apparatus Bar Magnetic	3	2000
46	Bar Magnet- 5cm	4	2000
47	Ohms Law apparatus Kit	3	2000
48	Boy's Law apparatus Kit	3	2000
49	Coefficient of Viscosity of given liquid by Stoke's Method	3	2000
50	PN Junction Diodes Kit	3	2000
51	Magnetic Compass Needle	3	2000
52	Searle's Method to determine the Young's Modulum of given wire	3	3000
53	Archimede's Principle apparatus	3	3000
54	Find IV characteristic of photo electric cell & LDR	3	3000
55	Predict the range of the projectile from initial launch speed & angle	3	3000
56	The downward Force along an einclined plane, acting on a roller due to gravity apparatus	3	3000
57	The dependence of the stopping potential on the frequency of light in Photo electric effect experiment	3	3000
58	The divergence of laser beam apparatus	3	2000
59	Bomb Calorimeter ( Chemistry Lab)	2	2000
60	Coal sample Instrument ( Chemistry Lab)	2	2000
61	Haematite ore Instrument ( Chemistry Lab)	2	2000
62	Copper ore Instrument ( Chemistry Lab)	2	2000
63	Asetone ( Chemistry Lab)	3	2000
64	Nephelometric Instrument ( Chemistry Lab)	2	2000
65	Red wood Viscometer ( Chemistry Lab)	5	2000
66	Cleveland open cup apparatus ( Chemistry Lab)	5	2000
67	Ables close cup apparatus ( Chemistry Lab)	5	2000
68	Vane Shear Apparatus with table	1	18000
69	Pycnometer	6	800
70	Permeability Mold 100mm dia, 127.3mm height, capacity-1000cc with Accessories	1	35000

71	Proctor Mold & Hammer (2.6 Kg)	1	6500
72	Digital Rebound Hammer	1	10000
73	Cube Mold (75 x 75mm)	1	6000
74	LaserJet Pro All in One Laser Printer, Scanner, Copier	2	30000
75	Software Oracle 10 g Database	3	60000
76	Visual Studio 2013	3	14000
77	Microsoft Office 2010n (volume pack )	4	20000
78	Microsoft MASM 6.11 (Or TASM)	3	5000
79	Windows 8 pro (volume pack )	4	48000
80	Printer (colour )	1	18900
81	Visualizer	1	10596
82	O H Projector	1	50000
83	Digital Camera - 20 mega pixel	1	33273
84	Pressing unit -cloth vacuum ironing platform with steam press	2	50000
85	Zuki Twin needle heavy duty stitching machine	1	40000
86	Straight Knife machine -Estman Blue Streak-II	1	50000
87	Sleeve attachment machine	1	30000
88	Zuki flatlock machine	1	40000
89	Manequeens	12	2000
90	Memory Graph	1	75000
91	Portable hand looms-Ashford weaving looms	1	11000
92	Wooden Spatula	5	2500
93	Aluminum pots ( 15 ltrs, 20 ltrs, 25 ltrs)	3	1000
94	T-janting tools	2	500
95	Screen printing portable equipment	1	10000

### TERMS AND CONDITIONS

- The bid/quotation should be submitted in two bid format.
- The first envelope will contain Technical specifications of the product, technical literature/ leaflet and other documents mentioned below.
  1. Covering Letter for tender on the company letter head mentioning official address, Contact No, e Mail address and website (if available) address
  2. Tender fee and EMD (3% of the quoted cost or Re. 5000 whichever is minimum) OR Exemption certificate from competent authorities, if exemption is claimed.
  3. GST registration certificate/ Number
  4. GST Clearance Certificate/ GST Challan for last quarter of the Financial year.
  5. Authorization/ Distributorship certificate from manufacturer. Proof of permission to manufacture the equipment/ item mentioned in the quotation from competent authorities (to be submitted if the bidder is not a manufacturer).
  6. Technical literature / leaflet of the make and model no of equipment quoted .

Additional document may also be asked by undersigned for confirming the details.

- The second envelope will contain the financial bid in which the all inclusive rates F.O.R. Destination will be written and signed with the stamp of the establishment in the following format.

Sr. No.	Name of the item with specification	Quantity required	All inclusive cost per unit	All inclusive cost for quantity mentioned.
1.				

Date -  
Place -

(Signature)

Rubber Stamp of organization

- The two envelopes should be sealed with a mention of the type of envelope (technical/ Financial), Reference no., Date of opening the quotation on the front side of the envelope. These two envelopes should be sealed in a third envelope by giving heading "Quotation for supply of **Laboratory Equipment** at Site and writing complete address of the undersigned.
- The quotations should reach the undersigned on or before **5.30 PM dt.07/03/2018**
- The material will be checked at this institute.
- No extra charges will be paid for cartage, packing etc. for the material rejected and replaced
- Quotations will be opened at **11.30 AM / on dt. 08/03/2018**
- Rates should be valid for 6 months from the date of confirmation letter.
- Materials should be quoted for standard makes and minimum pkgs.
- Delivery to the consignee has to be effected within 4weeks from the date of issue of purchase order.
- The undersigned reserves the right to accept or reject any offer or all offers without assigning any reason thereof.



( Dr.A.M. Agarkar )  
Principal

Govt. Residencial Womens Polytechnic,