

## TENDER NOTICE

Sealed Quotations are invited from reputed firms/distributors for the following Instruments and goods for the Department of Physics. Sealed Quotations must reach to the principal, Panskura Banamali College, P.O- Panskura R.S, Dist-Purba Medinipur pin-721152.on or before 09.10.2017 indicating the name of the Department in the envelop.

Sl no.	Items	Quantity
1	Bar Magnet	2 pcs
2	Bread board (Wiss) (Best quality)	12 pcs
3	Capacitor 0.1 $\mu$ F, 0.01 $\mu$ F 0.001 $\mu$ F 0.47 $\mu$ F 0.33 $\mu$ F, 22nF, 220nF	50 pcs each
4	Capacitor 1 $\mu$ F 10 $\mu$ F,100 $\mu$ F(50V or 63V)	50 pcs each
5	Capacitor 2200pF,4700pF	50 pcs each
6	Combination Lens [10 cm(conv)- 25cm(conc) &15 cm(conv)- 35cm(conc)]	4 pair each
7	CRO (dual trace 30 MHz, Scientific SM 203)	2 pcs
8	Determination of the value of g using Bar Pendulum(Brass make)	1 set
9	Determination of the value of g using Kater's Pendulum(Brass make)	1 set
10	e/m measurment set up using magnetic focusing (SES EMX 01)	1 set
11	Function Generator (2 MHz, intrx (ING 2000)	3 pcs
12	Galvanometer(Daed beat)	2 pcs
13	Galvanometer(Spot)	2 pcs
14	Galvanometer(table) 20 $\mu$ A/ div	6 pcs
15	Grating 300 lines/mm,600lines/mm	1pcs
16	Hall probe set up (DHE 21){without electromagnet and supply}	1 pc
17	Heater flat type (2KW)	1 pc
18	Hydrogen discharge tube	2 pcs
19	IC 555	10 pcs
20	IC 565	5 pcs
21	IC 566	10 pcs

22	IC 7404	20 pcs
23	IC 7408	20 pcs
24	IC 741	50 pcs
25	IC 7410	10 pcs
26	IC 7411	10 pcs
27	IC 7432	10 Pcs
28	IC 7476	10 pcs
29	Inductor 1mH, 10mH, 20mH, 10 $\mu$ H, 100 $\mu$ H (Resistance type)	20 pcs each
30	Ionization potential of mercury measurement set up.	1 set
31	Laser Source (5mW)	1 pc
32	LED (4 different colour)	20 pcs each
33	Microscope (Travelling), Devco make	3 pcs
34	Modulus of rigidity of a wire by Maxwell's needle. (Needle, solid cylinder and hollow cylinder - Brass make)	1 set
35	Multimeter(waco-38)	4 pcs
36	Na supply	3 pcs
37	Na Vapour Lamp	4 pcs
38	Null detector with source (Anderson bridge)	1 pc
39	Optical lever	1 pc
40	Photo electric effect set up (SES PC101)	1 set
41	P-N diode IN4007	50 pcs
42	Pohl Commutator (Heavy type)	2 pcs
43	Polarimeter tube	3 pcs
44	Pot 100K, 1watt (Elcon make),470K	5 pcs
45	Pot 10K, 1watt (Elcon make)	50 pcs
46	Pot 1K, 1watt (Elcon make)	50 pcs
47	Power Supply (0 - 10V variable, 1A) with sc protection(30 sec relay)	6 pcs
48	Power Supply (2V, 1A) with sc protection(30 sec relay)	6 pcs
49	Power Supply (30V, 5A with cc/cv mode Detech make)	2 pcs
50	Reading Lens	6 pcs
51	Resistance(1 M Ohm)	100 pcs each
52	Resistance(1, 1.5, 2.2, 3.3, 4.7, 6.8, 10, 47, 68, 100, 220, 470 K Ohm)	100 pcs each
53	Resistance(100, 150, 220, 330, 470, 680 Ohm)	100 pcs each
54	Sand paper	12 pcs
55	Screw Gauge (Number of circular div = 100)	4 pcs
56	Set up for the determination of Spring constant, g and Modulus of rigidity with the help of the motion of the spring.	1 set

57	Set up for the determination of the absorption lines in the rotational spectrum of iodine vapour	1 set
58	Set up for the determination of the elastic Constants of a wire by Searle's method( $Y, n, \sigma$ )	1 set
59	Set up for the determination of the Moment of Inertia of a Flywheel(diameter= 8").	1 set
60	Set up for the determination of the Young's Modulus of a Wire by Optical Lever Method.	1 set
61	Set up for the measurement of the height of a building using a Sextant.	1 set
62	Single slit with screw gauge	1 pc
63	Slide Callipers(Brass make)	6 pcs
64	Spectrometer (diameter 7" ) Devco make	2 pcs
65	Table Lamp	3 pcs
66	Telescope	1 pc
67	Thermistor (100 Ohm, 1 K ohm)	2 pc each
68	Thermometer (0-100C, 1/10 div)	6 pcs
69	Thermometer (0-110C, 1/20 div)	2 pcs
70	Thermometer (0-300C)	3 pcs
71	Trainer Kit [Bread Board, Power Supply( +12, -12, +5V, 30V variable), 8 logic probe, 8 data probe, 12-0-12 Transformer, Clock pulse generator, spring loaded terminal] ( Micro Lab 2, Tirupati make)	2 pcs
72	Transistor ( CL 100 )	50 pcs
73	Voltmeter(mill volt) AC	2 pcs
74	Wire (DCC Copper coil)	2 kg
75	Wire (Single) 24 gauge (red, black, green)	9 coils
76	Zener diode (3.3V, 5.6V, 1/2 watt)	50 pcs each