



# DR. MEGHNAD SAHA COLLEGE

At – Ranipur, P.S. – Itahar, Dist. – Uttar Dinajpur, W.B. – 733128

*Affiliated to University of Gour Banga*

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Reference No. : MSC/TENDER/13/2017

Date: 14/11/2017

## TENDER NOTICE

### SUPPLY OF INSTRUMENTS FOR PHYSICS LABORATORY

Sealed competitive proposals are invited from the reputed agencies to supply the instruments for the Laboratory in the Department of Physics of the College.

1. Maximum total purchase will be Rs. 4,00,000.00 (Rs. Four Lakh only) for the present phase of purchase.
2. Interested agencies should submit the proposal by mentioning the rate of each instrument (listed in the Annexure) and calculate the total cost accordingly. The selection will be made on the basis of minimum total cost of all the instrument. However, if the amount will reach beyond the present purchase limit, the concerned Department will decide which items to be purchased within the specified limit.
3. Bidders should attach a list of instruments (if any) which they will not able to supply.
4. The bidders must submit their self attested photocopies of business credentials along with the proposals.
5. Black-listed agencies (if any) will not be entertained and their quotations will not be accepted under any circumstances.
6. Quotation should reach the office of the undersigned latest by 04 December, 2017 (3:00 pm). The quotation reaching thereafter will be summarily rejected.
7. Tender will be opened on 05 December, 2017 (3:00 pm) in the office of the undersigned. The bidder or his authorized representative may remain present during the opening of tenders.



(Dr. Bela Das)

Teacher-in-Charge

Dr. Meghnad Saha College  
Itahar, Uttar Dinajpur

#### Copy to:

1. College's Tender Notice Board
2. College Website
3. Purchase Committee File

## Annexure

### LIST OF INSTRUMENTS FOR PHYSICS LABORATORY

#### LIST:1

APPARATUS	DESCRIPTION	QUANTITY
1. TRAVELLNG VERNIER MICROSCOPE	<ul style="list-style-type: none"> <li>• 2 WAY</li> </ul>	5
2. METER BRIDGE		3
3. VARIABLE DC POWER SUPPLY	<ul style="list-style-type: none"> <li>• 0-12V,2A</li> </ul>	6
4. DC POWER SUPPLY	<ul style="list-style-type: none"> <li>• 2V</li> </ul>	6
5. SLIDE CALLIPERS	<ul style="list-style-type: none"> <li>• BRASS MADE</li> </ul>	10
6. SCREW GAUGE	<ul style="list-style-type: none"> <li>• BRASS MADE</li> <li>• 50 CIRCULAR SCALE DIV=5</li> <li>• 100 CIRCULAR SCALE DIV=5</li> </ul>	10
7. STOPWATCH	<ul style="list-style-type: none"> <li>• DIGITAL</li> </ul>	10
8. LENS	<ul style="list-style-type: none"> <li>• CONVEX (FOCAL LENGTH 10CM,15CM,20CM)</li> <li>• CONCAVE (SAME AS ABOVE)</li> </ul>	5
9. SPHEROMETER		2
10. KATERS PENDULAM APPARATUS		2
11. DETERMINATION OF YOUNGS MODULAS BY FLEXURE METHOD	<ul style="list-style-type: none"> <li>• 2 KNIFE EDGES</li> <li>• 1 BAR</li> <li>• 500gm weight 10 pcs with clamp</li> </ul>	1
12. SURFACE TENSION APPARATUS BY JAEGERS METHOD	<ul style="list-style-type: none"> <li>• WHOLE SETUP</li> </ul>	1
13. CONDUCTIVITY OF GLASS TUBE	<ul style="list-style-type: none"> <li>• APPARATUS</li> <li>• THERMOMETER</li> <li>• HEATER, BOILER</li> </ul>	1
14. CONDUCTIVITY OF A BAD CONDUCTOR	<ul style="list-style-type: none"> <li>• APPARATUS</li> <li>• THERMOMETER</li> <li>• HEATER, BOILER</li> </ul>	1
15. SPECIFIC GRAVITY BOTTLE		5
16. WEIGHT BOX	<ul style="list-style-type: none"> <li>• 200gm</li> </ul>	2
17. PLATINUM RESISTANCE THERMOMETER APPARATUS	<ul style="list-style-type: none"> <li>• PLATINUM RESISTANCE THERMOMETER</li> <li>• P.O BOX</li> <li>• METER BRIDGE</li> <li>• 2V DC POWER SUPPLY</li> <li>• HEATER WITH HEATING JAR</li> </ul>	1
18. LCR		3
19. ANDERSON BRIDGE(WITH HEADPHONE)	<ul style="list-style-type: none"> <li>• OSAW MADE</li> </ul>	2
20. DIGITAL VOLTMETER	<ul style="list-style-type: none"> <li>• DC</li> <li>• 0-2V,2 Pcs</li> <li>• 0-20V,4 Pcs</li> </ul>	6
21. DIGITAL VOLTMETER	<ul style="list-style-type: none"> <li>• AC</li> <li>• 0-200mV,2 Pcs</li> <li>• 0-20V,2 Pcs</li> </ul>	4
22. DIGITAL AMMETER	<ul style="list-style-type: none"> <li>• 0-200mA,4 Pcs</li> <li>• 0-200uA,2 Pcs</li> </ul>	6
23. MULTIMETER	<ul style="list-style-type: none"> <li>• SPECIAL TYPE</li> </ul>	2
24. METER BRIDGE		2
25. GALVANOMETER	<ul style="list-style-type: none"> <li>• BALLISTIC,2 Pcs</li> <li>• DEADBEAT,2 Pcs</li> </ul>	4
26. TABLE GALVANOMETER	<ul style="list-style-type: none"> <li>• OXFORD MADE</li> </ul>	5
27. RESISTANCE BOX	<ul style="list-style-type: none"> <li>• 0-10000 OHM</li> </ul>	6
28. SMALL RESISTANCE BOX	<ul style="list-style-type: none"> <li>• FRACTIONAL</li> </ul>	2
29. VARIABLE HIGH RESISTANCE BOX		1
30. VARIABLE CAPACITANCE BOX		1
31. I-H EXPERIMENTAL SETUP	<ul style="list-style-type: none"> <li>• INCLUDING POWER SUPPLY</li> </ul>	1
32. PLUG KEY	<ul style="list-style-type: none"> <li>• ONE WAY,10 Pcs</li> <li>• TWO WAY,10 Pcs</li> </ul>	20
33. COMMUTATOR	<ul style="list-style-type: none"> <li>• NORMAL</li> </ul>	5

34. TAPPING KEY		5
35. LAMP AND SCALE ARRANGEMENT		2
36. RHEOSTAT	<ul style="list-style-type: none"> <li>• 10K</li> </ul>	2
37. BIPRISM EXPERIMENT	<ul style="list-style-type: none"> <li>• OPTICAL BENCH</li> <li>• STAND</li> <li>• BIPRISM</li> </ul>	1
38. SPECTROMETER	<ul style="list-style-type: none"> <li>• INCO MADE</li> </ul>	1
39. NEWTONS RING		1
40. POLARIMETER	<ul style="list-style-type: none"> <li>• BI QUARTZ</li> </ul>	1
41. SINGLE SLIT		2
42. DOUBLE SLIT		2
43. TELESCOPE		1
44. SODIUM LAMP		2
45. LAMP HOUSE		2
46. HIGH VOLTAGE		3
47. DISCHARGE TUBE	<ul style="list-style-type: none"> <li>• He,3 Pcs</li> <li>• Ne,3 Pcs</li> </ul>	6
48. DISCHARGE TUBE HOLDER		2
49. POWER SUPPLY	<ul style="list-style-type: none"> <li>• FOR DISCHARGE TUBE</li> </ul>	2
50. PRISM	<ul style="list-style-type: none"> <li>• EDF</li> </ul>	4
51. MICROMETER SLIT	<ul style="list-style-type: none"> <li>• INCO/DEVCO MADE</li> </ul>	2
52. OPAMP TRAINER KIT	<ul style="list-style-type: none"> <li>• FOR HONOURS(WITH BREADBOARD)</li> </ul>	2
53. P-N DIODE TRAINER KIT	<ul style="list-style-type: none"> <li>• FOR HONOURS(WITH BREADBOARD)</li> </ul>	2
54. ZENER DIODE TRAINER KIT	<ul style="list-style-type: none"> <li>• FOR HONOURS(WITH BREADBOARD)</li> </ul>	2
55. NETWORK THEOREM TRAINER KIT	<ul style="list-style-type: none"> <li>• FOR HONOURS(WITH BREADBOARD)</li> </ul>	2
56. TRANSISTOR TRAINER KIT	<ul style="list-style-type: none"> <li>• FOR HONOURS(WITH BREADBOARD)</li> </ul>	3
57. DIGITAL IC TRAINER KIT	<ul style="list-style-type: none"> <li>• FOR HONOURS(WITH BREADBOARD)</li> </ul>	3
58. RECTIFIER TRAINER KIT	<ul style="list-style-type: none"> <li>• FOR HONOURS(WITH BREADBOARD)</li> </ul>	3
59. BREADBOARD	<ul style="list-style-type: none"> <li>• 840 POINTS</li> </ul>	5
60. CONNECTING WIRE FOR ELECTRONIC CIRCUIT	<ul style="list-style-type: none"> <li>• PLUG TYPE</li> </ul>	50
61. CONNECTING WIRE FOR ELECTRONIC CIRCUIT	<ul style="list-style-type: none"> <li>• PLAIN COPPER WIRE</li> </ul>	2Kg
62. VARIABLE POTENTIOMETER	<ul style="list-style-type: none"> <li>• 5K</li> <li>• 10K</li> </ul>	2

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