

REGIONAL INSTITUTE OF EDUCATION, MYSORE – 570 006

TENDER NOTIFICATION

**F.No.3/St/ E & F/RIEM/2011-12**

**Date: 20-01-2012**

Sealed Tenders are invited from the registered / reputed firms for the supply of Lab materials Karnataka State in the prescribed form **available in the C&W Section** of the Institute (approximately to the tune of Rs-7.5 Lakhs).

Sl. No.	Item	Qty required
1.	Bar pendulum – with knife edge, rigid platform with A GATE material for fixing – complete set.	6 nos.
2.	Newton’s law of cooling apparatus complete set with calorimeter with a bakelite lid with holes to insert thermometer and stirrer. Enclosure with bad conductor, thermometer (0-110°C with 1/2°C least count)	6 nos.
3.	Jolly’s bulb – complete set (Laboratory model – details to be given)	2 nos.
4.	Sonometer – deluxe model with sample wire and a set of tuning forks (8 nos.) with rubber hammer. (Price to be quoted for each)	4 nos.
5.	Joule’s calorie meter with coil, calorimeter (with lid + stirrer + thermometer) packed in a wooden box with bad conductor.	4 nos.
6.	Resonance apparatus – 2000 ml transparent plastic measuring jar, resonance pipes of different metals ( to be specified) of length 50cm and IM diameter 3cm to 5 cm.	2 nos.
7.	Set of 8 tuning forks of good quality (Brand to be specified).	4 nos.
8.	Post office box–dial type (Brand to be specified)	2 nos.
9.	Meterbridge – 1 meter long with two gaps - students model with pencil jockey superior quality.	4 nos.
10.	Student’s potentiometer – single wire with rustproof terminals. Superior quality (Brand to be specified)	4 nos.
11.	Tangent galvanometer superior quality. (Brand to be specified.)	4 nos.
12.	Charge discharge key (Superior)	4 nos.
13.	DC Ammeter (superior) (price to be quoted both for digital and analytic with brand). a. 0 – 250 mA 0 – 10 mA b. 0 – 3 A c. 0 – 200 $\mu$ A d. 0 – 10 $\mu$ A e. 0 – 30 mA f. 0 – 30 $\mu$ A	3 nos. each
14.	Rhestats 0 – 10 $\Omega$ 0 – 30 $\Omega$ 0 – 50 $\Omega$	4 each
15.	DC Voltmeters a. 0 – 30V DC	4 each

	b. 0 – 1V DC c. 0 – 30 mV DC	
16.	Commutators	4 nos.
17.	Linear slit of adjustable width to be fitted to a collimator of spectrometer with micrometer (for finding resolving power)	2 nos.
18.	Digital Gauss meter – to measure strength of the mag. Field between pole pieces (20K Gauss)	2 nos.
19.	Geiger – Muller Scalar unit with a G.M tube (Price to be quoted separately).	2 nos.
20.	Multirange AC milliammeters a. Analytic b. Digital (range to be specified)	2 nos. each
21.	AC voltmeter 0 – 100V 0 – 30V	2 nos. each
22.	(Superior) Fresnel’s Biprism (Brand to be specified)	2 nos.
23.	Hilger-Watt Diffraction grating (15000 L.P.I.)	4 nos.
24.	Crown glass equilateral prism (Superior)	4 nos.
25.	Moving coil galvanometers (transparent rectangular ‘OSAW’ type)	4 nos.
26.	Electromagnet circular coil type (230V, 50HZ) to work on AC mains – to find frequency of AC using sonometer	4 nos.
27.	Fabry Perot etalon	1 no.
28.	Millikan’s oil drop experiment complete set up. (details to be stated)	1 no.
29.	Electrically maintained tuning fork – Melde’s apparatus.	1 no.
30.	Copper iron thermocouple	1 no.
31.	Copper – constantan thermocouple	1 no.
32.	Half wave plates	4 nos.
33.	Quarterwave plates	4 nos.
34.	Cathode Ray Oscilloscopes – (single beam) (make to be invariably quoted)	4 nos.
35.	RC Circuit – Training board (details to be given)	2 nos.
36.	Half-wave/full-wave rectifier training board	2 nos.
37.	Sodium lamp for optical experiments (diff. wattage to be quoted) (40W to 100W)	4 nos.
38.	Mercury lamp of diff. wattage (40W to 100W)	4 nos.
39.	Metal Stands with clamps and bossheads (height 1m and 1/2m)	6 nos.
40.	Babinet’s compensator	2 nos.
41.	Digital pH meter LED display 3 ½ digit pH 0-14 +/- 200mv, supplied with combined electrode accuracy +/-0.02. Digisun model no. 7007	2 Nos
42.	Digital potentiometer LED displays 3 ½ digit accuracy +/- 0.01. Digisun electronics model DI 101./ Scientific electronics	2
43.	Digital conductivity meter with conductivity cell range 0-20,200µs manual temp. compensation. Digisun Electronics/Elico model- CM 180	2
44.	Photoelectric calorimeter with 8 filters. Systronics make model- 112	2

45	Advance make polarimeter,(for measurement of Optical Rotation and calculation of specific rotation of optically active liquids ) all components are made from brass, Gun Metal Aluminium and Stainless Steel to ensure high accuracy and a long trouble free service, Supply with Sodium Lamp and Choke. (Advance Research Insts. Co.)	1
46	Vacuum pump 58 cm of Hg pressure 2 BAR Free air delivery 80LPM, Motar1/3 HP, supplied regulator	2
47	Sodium vapour lamp 35 W	2
48	Remi make medico centrifuge with 4x15 ml swing out head and 15ml tapered bottom glass tubes, maximum speed 3500rpm & 1750G model c-852	1
49	Visible spectrophotometer systronics make model 106	2
50	Melting point apparatus (electrical) Apparatuses that are used for determining melting points of up to 360°C. Also, these have the provision for 3 melting point tubes, shadow less and magnifying lens illumination of capillaries, control, fine temp and support for thermometer. Raagaa Industries/ Serve well instruments.	4
51	Steam Distillation apparatus with copper steam generator	2
52	Kjeldahal equipment for nitrogen estimation.	1
53	Weather Chart ( Laminated)	30
54	World map (Physical 3D Gaint size) Raised Relief plastic topographical land forms map – size -86X 52”	02 Nos
55	Stereo Atlas (3D view)_ HB003-	02 Nos
56	Map measure (imported) MM-001- German made	05 Nos
57	Topographical survey sheets 1: 50,000 ( different regions of south India)	20 sheets
58	Topographical survey sheets 1:25,000	20 sheets

The cost of the Tender document is Rs- 500-00 (Non refundable) to be sent by Demand Draft drawn in any Nationalised Bank at Mysore in favor of **Principal Regional Institute of Education**, Manasagangothri, Mysore – 570 006

1. **Issue of Tender Form: 23-01-2012 to 01-02-2012 from 9-30 am to 5.00 pm on all weekdays except Saturday, Sunday and General Holidays**
2. **Last date for Receipt of Tender on-02-02-2012 by 1 P.M**
3. **Opening of Tender: 02-02-2012 at 3-pm** at room No. 3 of the Institute.
4. **Tender received after the due date & time will not be entertained.**
5. Principal, RIE Mysore has the right to reject any or all tenders without Assigning any reason. Legal jurisdiction for this tender will be Mysore City only.

Sd/-

**ADMINISTRATIVE OFFICER**