



Government of West Bengal
Department of Geology
Shahid Matangini Hazra Government College for Women
Purba Medinipur, West Bengal, PIN-721649

SMHGCW/Geol/2019/6/Lab Equipment

Dated 13.06.2019

NOTICE

Sub: Invitation of quotations for supply of Lab Equipment of Geology

In relation to the purchase of laboratory equipment separate quotations are invited by the Department of Geology, Shahid Matangini Hazra Government College for Women for each Item of Geology Lab Equipment mentioned below:

Serial No.	Items	Specifications	Quantity Required
1.a	Monocular-petrological polarizing-Microscope CENSICO make superior quality.	A microscope for visualizing objects (Thin sections) in transmitted polarized light course focusing adjustment effected by Rack and Pinion, fine focusing adjustment from both sides with graduated right drum, each division equals 2/1000 mm. with Quadruple Revolving Ball bearing type self centered nosepiece. Circular centering rotatable stage with degree calibration, with two lens aplanatic Abbe condenser with rotatable polarizer mount having 15 degree calibration. Analyzer provided in a slide which can be swung in and out of the microscope tube. The polaroids are of high grade. This is also equipped with a Bertrand lens which can be swung in and out, with a slot size 12 mm x 4 mm provided in the tube at 45 degree to the polarizer axis for compensators.	02
1.b	Optics: 4 objectives (Self centered and strain free) 4x, 5x, 10x, 40x. 2 huyghenian eyepiece 10x (cross hair) and 15x for CENSICO make microscope	Superior quality	05
1.c	Accessory plate Quarter wave and Red 1 st order plate (Mica and Gypsum) in a box	For CENSICO metallic mount	02
2.	Clinometer compass	Brass body in a case	05
3.	Wooden crystal models, covering all six systems, set of 36 nos (DANA nos.) from each system	Good quality	05



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4.	Geological Hammer	all steel body with fibroplast handle	05
5.	Geological Haver sack with adjacent belt	Good quality	4
6.	Wooden block models size (6" x 4") in multicolour + showing folds 10 nos., faults 10 nos., 4 nos. of unconformity) a set of 24 nos	Good quality	1
7.	3D geomorphological models. set of 16 nos	Good quality	05
8.	Mineral hand specimen	Good quality	10
9.	Ore mineral hand specimen	Good quality	10
10.	Rock hand specimen	Good quality	10
11.	Moh's scale of hardness box (with 9 nos. mineral, small magnet round, small knife, small streak plate)	Good quality	1 Set
12.	Mineral thin sections	Good quality	20
13.	Hardness kit in a box (4 nos. plates, iron plate, Brass plate, Streak plate, one lens, one magnet, one knife in a box) for identification of minerals.	Good quality	1 Set
14.	Fossil: invertebrate set	Good quality	1 Set
15.	Fossils Spinfier	Good quality	1 Set
16.	Fossils Trilobite	Good quality	20
17.	Plant fossil	Good quality	02
18.	Phillophyllum	Good quality	02
19.	Geological map of India laminated (90 x 70 cm)	Good quality	05



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20.	Geological Timescale of India (90 x 120 cm) with roller	Good quality	06
21.	Pocket Stereoscope in case	superior quality	01
22.	Arial Photograph	Black & white . Colour	03
23.a	Brunton Compass metal body	Imported in a heard cover	5
23.b	Brunton Compass metal body	Indian make in a case	5
24.	GPS (GARMIN)	Good Quality	2
25.a	Binoocular-petrological polarizing-Microscope CENSICO make superior quality.	A microscope for visualizing objects (Thin sections) in transmitted polarized light course focusing adjustment effected by Rack and Pinion, fine focusing adjustment from both sides with graduated right drum, each division equals 2 1000 mm. with Quadruple Revolving Ball bearing type self centered nosepiece. Circular centering rotatable stage with degree calibration, with two lens aplanatic Abbe condenser with rotatable polarizer mount having 15 degree calibration. Analyzer provided in a slide which can be swung in and out of the microscope tube. The polaroids are of high grade. This is also equipped with a Bertrand lens which can be swung in and out, with a slot size 12 mm x 4 mm provided in the tube at 45 degree to the polarizer a axis for compensators.	2
26.b	Optics: 4 objectives (Self centered and strain free) 4x, 5x, 10x, 40x, 2 luyghenian eyepiece 10x (cross hair) and 15x for CENSICO make microscope	Superior quality	
27	Microscope lamp for petrological microscope	Good quality	6
28	Ore polished section for thin section study	Good quality	1 set
29	Measuring Tape (30 m)	Good quality	5
30	Physical Map of India	Good Quality	1



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31	Igneous Rock Thin Section	Good Quality	1 set
32	Metamorphic Rock thin section	Good Quality	1 set
33	Sedimentary Rock thin section	Good Quality	1 set
34	Sample tray (Plastic)	Good quality	50
35	Gem variety of Minerals	Good quality	1set
36	Sedimentary structures in hand specimens	Good quality	1set
37	Equal area net	Good quality	25
38	3D Model (wall hanging)	Good quality	1 set
39	Mode counting machine	Good quality	02
40	Wifi adaptor for pc	2.4Ghz 150Mbps/5Ghz 433Mbps, USB 2.0, WPS Button, Supports Windows 8.1/8/7/XP	01
41	ORE MICROSCOPE (MONOCULAR) WITH OPTICS	CENSICO make superior quality.	05
42	MINERALOGICAL SPECIMEN OF COAL	Good quality	1 set
43	ESTWING HAMMER USA MAKE	Good quality	1
44	CHISEL MEDIUM SIZE	Good quality	1
45	Color Printer with scanner	HP	2



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Suppliers are invited to submit their quotation in a sealed envelope marked with the quotation reference to the Office of the Principal, Shahid Matangini Hazra Government College for Women as soon as possible from the date of this notification.

- i) Each quotation must carry photocopies of GST registration, trade licence, PAN card and front page of bank passbook of the supplier.
- ii) Price list should be attached.
- iii) Suppliers should indicate quality, name of the manufacturer, detail specification of each item along with the rate.
- iv) The department reserves the right to accept, reject any tender in part or full depending on the requirements of the department.

Convener
Purchase Committee

Atanfa Danijee 19/06/19

HOD, Department of Geology,
Shahid Matangini Hazra Government College for Women

Department of Geology
Shahid Matangini Hazra
Govt. College for Women
Chakshikrishnapur, Kulberia,
Purba Medinipur, Pin-721649