

# Midnapore College

## Midnapore, W.B. 721101



**Ref. No. 6/MC/QBot/cpe/2011**

**Date:10-03-2011**

### **Purchase For the Department of Botany: (CPE/2010-2011)**

Sealed Quotations for Six items (A-F) are invited from interested parties for the following items. Last date of Submission of quotations is 17.03.2011

#### Item A. Instruments & Accessories (Non-recurring Fund)

Sl No.	Sub Item	Quantity
1.	Compound Student Microscope (Olympus)	6
2.	Stage micrometer (Erma, Japan)	6
3.	Ocular micrometer	10

#### Item B. Glass Goods (Recurring fund)

Sl No.	Sub Item	Quantity
1.	Test tubes (General)	1 Groce
2.	Beakers (Graduated & Borosil made) 100ml, 200ml 500ml	10+6+4=20
3.	Petri plates (Pairs)	10
4.	Slides (Thin & Good quality)- Box	5
5.	Square Cover slips (Thin & Good quality)- Box	10
6.	Respiroscope	6

Item C. Specimens (Recurring fund): (Must be of good Quality & in good quantity per vial and with reproductive Structures). Display of sample vials before submission of quotations is highly recommended & appreciated)

Sl. No.	Sub Item	Quantity (in vials)
1.	<i>Oedogonium</i> ((Macrandrous)	6
2.	<i>Oedogonium</i> ((Nanandrous)	6
3.	<i>Ectocarpus</i> (with Unilocular & plurilocular Sporangia)	6+6=12
4.	<i>Mucor</i>	4
5.	<i>Ascobolus</i>	6
6.	<i>Polyporus</i>	6
7.	Brown spot of rice (Leaves)	4

Sl. No.	Sub Item	Quantity (in vials)
8.	Colocasia Leaf spot	2
9.	Tikka Disease of Ground Nut	4
10.	<i>Marchantia</i> (Thallus with male reproductive Structure)	15
11.	<i>Anthoceros</i> ( sporophyte)	10
12.	<i>Funaria</i>	10
13.	<i>Lycopodium</i> (Plant body with small Strobilus)	10
14.	<i>Equisetum</i> Strobilus	4
15.	<i>Pteris</i> (with sorus)	4
16.	Leaves of Wheat	4
17.	<i>Vaucheria</i> thallus with sex organs	10

Item D. Laboratory Accessories (Recurring fund)

Sl. No	Sub Item	Quantity
1.	Plastic tray (about 21"X25"X6")	20 pc.
2.	Test tube rack (Wooden)	20 pc
3.	Inoculating needle	2
4.	Bunsen burner	2 pc
5.	Test tube holders	10 pc

Item E. Chemicals (Recurring fund)

Sl. No	Sub Item	Quantity
1.	DCMU (Dichlorodimethyl urea)	50g
2.	Absolute alcohol (Ethanol)	500ml X 10
3.	D-Glucose	500 gm
4.	Ninhydrin	100 gm
5.	Oxalic acid	500 gm
6.	Potassium Ferrocyanide	250 gm
7.	Alfa- naphthol	250 gm
8.	Cobalt chloride	500 gm

Item F. Permanent slides (Recurring fund)

Sl. No	Sub Item	Quantity
	<i>Oedogonium</i> ((Macrandrous) thallus with sex organs	2
	<i>Oedogonium</i> ((Nanandrous) dwarf male	2
	<i>Chara</i> (with globule & nucule)	2
	<i>Vaucheria</i> thallus with sex organs	2
	<i>Ectocarpus</i> (with Unilocular Sporangia)	2
	<i>Ectocarpus</i> (with plurilocular Sporangia)	2
	<i>Polysiphonia</i> thallus with Spermatangia	2
	<i>Polysiphonia</i> thallus with carpogonium	2
	<i>Polysiphonia</i> thallus with cystocarp	2
	<i>Polysiphonia</i> - tetrasporophyte	2

Sl. No	Sub Item	Quantity
	<i>Rhizopus</i> with Sporangiphore	2
	<i>Rhizopus</i> with zygospor	2
	<i>Mucor</i> with Sporangiphore & zygospor	2
	<i>Ascobolus</i> - LS of fruit body	2
	<i>Penicillium</i> with conidiophores	2
	<i>Polyporus</i> - TS of basidiocarp	2
	<i>Agaricus</i> : Section through gills	2
	Black stem rust of wheat (Uredospore)	2
	Black stem rust of wheat (Teleutospore)	2
	<i>Cercospora arachidicola</i> in tikka disease of groundnut	2
	<i>Helminthosporium oryzae</i> in brown spot of rice	2
	<i>Cladosporium colocasiae</i> in <i>Colocasia</i> leaf spot	2
	<i>Riccia</i> - Sporophyte	2
	<i>Marchantia</i> - showing antheridiophore (LS)	2
	<i>Marchantia</i> - showing archigoniophore (LS)	2
	<i>Marchantia</i> - section of sporophyte (VS)	2
	<i>Anthoceros</i> - LS of sporophyte	2
	<i>Funaria</i> . LS of Capsule	2
	<i>Funaria</i> . TS showing peristome teeth	2
	<i>Marsilea</i> : Horizontal LS of sporocarp	2
	<i>Marsilea</i> : Vertical LS of sporocarp	2
	<i>Adiantum</i> : LS of sporangium	2
	<i>Cycas</i> . TS of leaflet	2
	<i>Cycas</i> . TS of root	2
	<i>Pinus</i> . TS of needle	2
	<i>Pinus</i> . TS of stem	2
	<i>Pinus</i> . TLS of stem	2
	<i>Pinus</i> . RLS of stem	2
	<i>Ephedra</i> . LS of ovule	2
	<i>Gnetum</i> . LS of Ovule	2
	<i>Lyginopteris</i> (fossil) TS	2
	<i>Vertebraria</i> (fossil)	2
	<i>Ptillophyllum</i> (fossil)	2
	<i>Calamites</i> Stem (fossil) TS	2
	<i>Lepidocarpon</i> (fossil)	2

Date: 10/03/2011

**Principal**  
Midnapore College