*Phone: 03228-252222*

**PANSKURA BANAMALI COLLEGE**

(AUTONOMOUS)

Largest Rural Based, NAAC Re-accredited ‘A’ Grade (2016-2021)

DST-FIST (Govt. of India), BOOST-DBT (Govt. of West Bengal) sponsored College

Website : [www.panskurabanamalicollege.org](http://www.panskurabanamalicollege.org) E-mail : [principal.pbc@gmail.com](mailto:principal.pbc@gmail.com)

P.O. - PANSKURA R.S. : PIN – 721152 : DIST. - PURBA MEDINIPUR : WEST BENGAL : INDIA

P.B.C./Botany /Qout.01/22 Date: 11/05/2022

**TENDER NOTICE**

Sealed Quotations are invited from reputed firms/distributors for the following Instruments and goods for the Department of Botany. Sealed Quotations must reach to the Principal, Panskura Banamali College, P.O- Panskura R.S, Dist- Purba Medinipur, Pin-721152, on or before 30/05/2022 indicating the name of the Department in the envelop. Price should be inclusive of all taxes.

**List of Practical Specimens Required**

|  |  |
| --- | --- |
| **Sl No.** | **Name of the Instruments** |
| 1 | Equisetum sp. With strobilus |
| 2 | Marchantia Antheridiophore and Archegoniophore. |
| 3 | Nostoc sp. |
| 4 | Ectocarpus unilcutar sporangia. |
| 5 | Polysiphonia |
| 5 | Anthoceros sporophyte |
| 6 | Funaria sporophyte |
| 7 | Fucus sp. |
| 8 | Oedogonium, Nanundrus |
| 9 | Penicillium sp. |
| 10 | Rhizopus sp. |
| 11 | Camera for microscopic attachment to stereo zoom t& PC |
| 12 | UV Vis- Spectrophotometer + Cuvate |
| 13 | Chromatography Chamber |

**List of chemicals**

|  |  |
| --- | --- |
| Sl No. | Name of the chemicals/ |
| 1. | SDS extraction Buffer |
| 2 | 1M Tris,PH 7.2 (-1M tris buffer) |
| 3. | EDTA |
| 4 | Butanol |
| 5. | SDS |
| 6. | Potassium acetate |
| 7. | Chloroform |
| 8. | Isoamyl alcohol |
| 9. | Isopropanol |
| 10 | Tris base (calbiochem - Behring) |
| 11 | Phenol |
| 12 | 200 Proof Ethanol |
| 13 | Ethanol Mol. grade |
| 14 | Methanol |
| 15 | Glucose |
| 16 | Tryptone |
| 17 | Yeast extract |
| 18 | T.E buffer |
| 19 | Lysis buffer |
|  | Standard DNA solution |
| 21 | Diphenylamine reagent |
| 22 | DNA sample in saline citrate buffer |
| 23 | Salinec citrate buffer |
| 24 | Glacial acetic Acid |
| 25 | Carmine |
| 26 | Orcine |
| 27 | Chromatography paper |
| 28 | Di ethyl ether |
| 29 | Ethanol |
| 30 | KOH |
| 31 | NaOH |
| 32 | TTC |
| 33 | Silica Gel powder |

**List of Glassware/plastic ware/etc**

|  |  |
| --- | --- |
| Sl No. | Name of the chemicals/Glass ware/Instruments |
| 1. | Conical Flask (100 ml) |
| 2 | Petriplates. |
| 3. | Eppen droffs |
| 4. | Micro tips (2,20,200ul &,1ml) |
| 5. | Pipettes |
| 6. | Test Tubes |
| 7. | Graduated Cylinder 100 ml |
| 9 | Mortar and pestle |
| 10 | Nitrile gloves |
| 11 | Cement tub for hydrophytes maintenance (Large & Medium) |

Sd/-  
**Panskura Banamali College**

(**Autonomous)**