*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

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

P.B.C./Microbiology /Qout.04/22 Date: 11/05/2022

**TENDER NOTICE**

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

|  |  |
| --- | --- |
| Serial Number | Items |
|  |  |
| 1 | **Permanent mounts of** |
| 1. *Rhizopus sp*
 |
| 1. *Penicillium sp*
 |
| 1. *Aspergillus sp*
 |
| 1. *Spirogyra sp*
 |
| 1. *Chlamydomonas sp*
 |
| 1. *Volvox sp*
 |
| 1. *Amoeba sp*
 |
| 1. *Entamoeba sp*
 |
| 1. *Paramecium sp*
 |
| 1. *Plasmodium sp*
 |
| 2 | **Media** |  |
|  | *Nutrient Agar*  | *500gm* |
|  | *Nutrient Broth* | *500gm* |
|  | *Lactose Broth* | *500gm* |
|  | *Bromocresol Purple Lcatose Broth* | *500gm* |
|  | *BG11* | *500gm* |
|  | *MacConkey agar* | *500gm* |
|  | *EMB Agar* | *500gm* |
|  | *Luria Bertani Broth* | *500gm* |
|  | *Starch agar media* | *500gm* |
|  | *Patato dextrose broth* | *500gm* |
|  | *PDA media*  | *500gm* |
|  | *Czapekdox Agar*  | *500gm* |
|  | *YEPD Media* | *500gm* |
|  | *Agar powder* | *500gm* |
|  | *Starch casein agar*  | *500gm* |
|  | *Blood agar* | *500gm* |
|  | *Sabouraud dextrose agar* | *500gm* |
|  | *YEMA media* | *500gm* |
|  | *XLD media* | *500gm* |
|  | *Mueller Hinton agar* | *500gm* |
|  | *TSI agar* | *500gm* |
|  | *Mannitol salt agar* | *500gm* |
|  | *Baird parker agar* | *500gm* |
|  | *Bismuth sulphate agar* | *500gm* |
|  | *MRS broth* | *500gm* |
|  | *Tryptone glucose beef extract agar* | *500gm* |
|  | *AShbay media* | *500gm* |
|  | *Cellulose congo red agar* | *500gm* |
|  | *TCBS agar media* | *500gm* |
|  | *Simmon citrate agar media* | *500gm* |
|  | *MR-VP broth* | *500gm* |
|  | *Indole tryptone broth* | *500gm* |
|  | *Snider Agar* | *500gm* |
|  | *Urea Broth* | *500gm* |
|  | *Peptone Broth* | *500gm* |
|  | *Tripton Broth* | *500gm* |
|  | *Yeast Extract* | *500gm* |
|  | *TGB Agar* | *500gm* |
|  | *Tryptone Glucose Meat Extract Agar* | *500gm* |
|  | *KF Agar* | *500gm* |
|  | *Tergitol-7 agar base media* | *500gm* |
|  | *Pseudomonas Agar base media*  | *500gm* |
|  | *Skim milk agar base media* | *500gm* |
|  | *Casein glucose broth* | *500gm* |
|  | *Bile esculim agar*  | *500gm* |
|  | *Brainheart infusion a* | *500gm* |
|  | *API 50 CHL medium* | *500gm* |
|  | *Peptone yeast extract glucose agar* | *500gm* |
|  | *Glucose agar medium* | *500gm* |
|  | *King’s B medium* | *500gm* |
|  | *Agar Agar* | *500gm* |
| 3 | ***Isolation/ Extraction kit*** |
|  | *Genomic DNA isolation kit* |
|  | *plasmid DNA isolation kit* |
|  | *Blood grouping kit* |
|  | *DOT-ELISA kit* |
|  | *Immuno diffusion by ouchterlony kit* |
|  | *Transformation kit* |
|  | *Ligation kit* |
|  | *Cloning kit(Blue White screening)*  |
|  | *Restriction digestion kit* |
|  | *IMViC kit* |
|  | *Sugar utilisation kit for bacteria* |
|  | *Agglutination KIt* |
| 4 |  ***Stains*** |
|  | *Crystral violet solution* | *125ml* |
|  | *Safranin solution* | *125ml* |
|  | *Gram’s Iodine solution* | *250ml* |
|  | *Nigrosin solution* | *250ml* |
|  | *Malachite green solution* | *250ml* |
|  | *Methylene blue solution* | *125ml* |
|  | *Leishman stain solution* | *250ml* |
|  | *Carbol fuchin solution* | *250ml* |
|  |  |
| 5 |  ***Reagents*** |  |
|  | *Acrylamide-bisacrylamide sol for Gel (30%)* | *100ml* |
|  | *Ph tablets(4,7,9.2)* |  |
|  | *TEMED* | *100ml* |
|  | *Ninhydrin* | *100gm* |
|  | *EDTA(MERK)* | *100gm* |
|  | *Methanol* | *500ml* |
|  | *Ethanol* | *500ml* |
|  | *Sodium hydroxide* | *500gm* |
|  | *Potassium hydroxide* | *500gm* |
|  | *Lead Acetate* | *50gm* |
|  | *Ferric Chloride* | *500gm* |
|  | *Folin Phenol Reagent* | *100ml* |
|  | *Glycerol* | *500ml* |
|  | *Copper Sulfate* | *500gm* |
|  | *Hydrochloric acid* | *500ml* |
|  | *Sodium Arsenite* | *50gm* |
|  | *Sulfuric Acid* | *500ml* |
|  | *Esbach Reagent* | *125ml* |
|  | *Millon’s reagent* | *100ml* |
|  | *RBC diluting fluide* | *100ml* |
|  | *WBC diluting fluide* | *100ml* |
|  | *Benedict Reagent* | *100ml* |
|  | *Ammonium per sulfate* | *500gm* |
|  | *Di sodium paranitro phenyl phosphate* | *500gm* |
|  | *Alpha napthol* | *25gm* |
|  | *Berfoed’s reagent* | *125ml* |
|  | *Saliwanoff reagent* | *125ml* |
|  | *Potassium hydrogen sulphate* | *500gm* |
|  | *Sodium carbonate* | *500gm* |
|  | *Sodium Potassium tartrate* | *500gm* |
|  | *Sodium bicarbonate* | *500gm* |
|  | *Sodium sulphate* | *500gm* |
|  | *CuSO4,5H2O* | *500gm* |
|  | *Ammonium molybdate* | *500gm* |
|  | *Disodium hydrogen arsenate* | *50gm* |
|  | *Alcohol* | *500ml* |
|  | *Chloroform* | *500ml* |
|  | *Folin ciocalteu reagent* | *125ml* |
|   | *FeCl3* | *500gm* |
|  | *Metaphosphoric acid* | *500ml* |
|   | *Vit-C* | *50gm* |
|  | *Silica gel dust* | *500gm* |
|  | *Amino acids kit* |  |
|  | *Butanol* | *500ml* |
|  | *Acetic acid* | *500ml* |
|  | *Protease* | *25gm* |
|  | *Pottasium phosphate di basic, trihydrate* | *500gm* |
|  | *Sodium acetate trihydrate* | *500gm* |
|  | *Casein* | *500gm* |
|  | *Calcium Acetate* | *500gm* |
|  | *Trichloro acetic acid* | *500ml* |
|  | *Agarose powder*  | *50gm* |
|  | *Agglulinaling Kit*  | *Minimum pack* |
|  | *Formaldehyde*  | *500ml* |
|  | *Glucose*  | *500gm* |
|  | *Magnesium Sulphate*  | *500gm* |
|  | *Manganaes Sulphate* | *500gm* |
|  | *Silica gel powder* | *500gm* |
|  | *Fructose* | *500gm* |
|  | *Starch* | *500 gm* |
|  | *Kovacs Reagent* | *125ml* |
|  | *Methyl Red*  | *125ml* |
|  | *Ferroin indicator* | *125ml* |
|  | *HNO3* | *500ml* |
|  | *Antibiotic(Chloramphenical,Streptomycine)* | *Minimum pack* |
| **6** | ***Glassware*** |
|  | *Micropipette 1000µl* |
|  | *Micropipette 1000µl Tips* |
|  | *Micropipette 2-200µl* |
|  | *Micropipette 2-200µl Tips* |
|  | *Test tube rack plastic ,25ml capacity test tube* |
|  | *Dropping bottle 60ml* |
|  | *Dropper polythene* |
|  | *Hand Gloves* |
|  | *Microcentrifuge tube 2 ml* |
|  | *Pipette Sucker 20ml* |
|  | *Spatula* |
|  | *Test tube holder* |
|  | *Test tube brush* |
|  | *Non absorbent cotton* |
|  | *Round bottle 250ml,100ml* |
|  | *Capillary tube* |
|  | *Adopter 250ml(Inter changeable stopper)24/29* |
|  | *Adopter 100ml(Inter changeable stopper)14/23* |
|  | *Conical flask 150ml, 250ml* |
|  | *Nefalometric flask100ml* |
|  | *Pipette10ml,1ml* |
|  | *Poly propylene tube capacity 15 ml* |
|  | *Syringe* |
|  | *Whatman FIlterpaper(11cm )* |
|  | *Membrane filter(0.2µm)* |
|  | *Tissue Paper* |
|  | *Spreader*  |
| **7** | ***INSTRUMENTS*** |
|  | *Haemocytometer with RBC, WBC Pipette* |
|  | *Haemometer* |
|  | *Pocket PH meter (Eutech Instruments)* |
|  | *Paper Chromatography Set*  |
|  | *Double distillation unit, Borosil* |
|  | *Vertical electrophoresis apparatus, Terson* |
|  | *Digital colorimeter,Systronics* |
|  | *DO Meter(Eutech Instruments)* |

Sd/-
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