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# 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

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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 **30/05/2022** indicating the name of the Department in the envelop. Price should be inclusive of all taxes.

Serial Number	Items	
1	<b>Permanent mounts of</b>	
	i. <i>Rhizopus sp</i>	
	ii. <i>Penicillium sp</i>	
	iii. <i>Aspergillus sp</i>	
	iv. <i>Spirogyra sp</i>	
	v. <i>Chlamydomonas sp</i>	
	vi. <i>Volvox sp</i>	
	vii. <i>Amoeba sp</i>	
	viii. <i>Entamoeba sp</i>	
	ix. <i>Paramecium sp</i>	
x. <i>Plasmodium sp</i>		
2	<b>Media</b>	
	<i>Nutrient Agar</i>	500gm
	<i>Nutrient Broth</i>	500gm
	<i>Lactose Broth</i>	500gm
	<i>Bromocresol Purple Lcatose Broth</i>	500gm
	<i>BG11</i>	500gm
	<i>MacConkey agar</i>	500gm
	<i>EMB Agar</i>	500gm
	<i>Luria Bertani Broth</i>	500gm
	<i>Starch agar media</i>	500gm
	<i>Patato dextrose broth</i>	500gm
	<i>PDA media</i>	500gm
	<i>Czapekdox Agar</i>	500gm
	<i>YEPD Media</i>	500gm
	<i>Agar powder</i>	500gm
	<i>Starch casein agar</i>	500gm
	<i>Blood agar</i>	500gm
	<i>Sabouraud dextrose agar</i>	500gm
	<i>YEMA media</i>	500gm
	<i>XLD media</i>	500gm
<i>Mueller Hinton agar</i>	500gm	
<i>TSI agar</i>	500gm	
<i>Mannitol salt agar</i>	500gm	
<i>Baird parker agar</i>	500gm	

	<i>Bismuth sulphate agar</i>	500gm
	<i>MRS broth</i>	500gm
	<i>Tryptone glucose beef extract agar</i>	500gm
	<i>AShbay media</i>	500gm
	<i>Cellulose congo red agar</i>	500gm
	<i>TCBS agar media</i>	500gm
	<i>Simmon citrate agar media</i>	500gm
	<i>MR-VP broth</i>	500gm
	<i>Indole tryptone broth</i>	500gm
	<i>Snider Agar</i>	500gm
	<i>Urea Broth</i>	500gm
	<i>Peptone Broth</i>	500gm
	<i>Tripton Broth</i>	500gm
	<i>Yeast Extract</i>	500gm
	<i>TGB Agar</i>	500gm
	<i>Tryptone Glucose Meat Extract Agar</i>	500gm
	<i>KF Agar</i>	500gm
	<i>Tergitol-7 agar base media</i>	500gm
	<i>Pseudomonas Agar base media</i>	500gm
	<i>Skim milk agar base media</i>	500gm
	<i>Casein glucose broth</i>	500gm
	<i>Bile esculim agar</i>	500gm
	<i>Brainheart infusion a</i>	500gm
	<i>API 50 CHL medium</i>	500gm
	<i>Peptone yeast extract glucose agar</i>	500gm
	<i>Glucose agar medium</i>	500gm
	<i>King's B medium</i>	500gm
	<i>Agar Agar</i>	500gm
3	<b>Isolation/ Extraction kit</b>	
	<i>Genomic DNA isolation kit</i>	
	<i>plasmid DNA isolation kit</i>	
	<i>Blood grouping kit</i>	
	<i>DOT-ELISA kit</i>	
	<i>Immuno diffusion by ouchterlony kit</i>	
	<i>Transformation kit</i>	
	<i>Ligation kit</i>	
	<i>Cloning kit(Blue White screening)</i>	
	<i>Restriction digestion kit</i>	
	<i>IMViC kit</i>	
	<i>Sugar utilisation kit for bacteria</i>	
	<i>Agglutination Kit</i>	
4	<b>Stains</b>	
	<i>Crystral violet solution</i>	125ml
	<i>Safranin solution</i>	125ml
	<i>Gram's Iodine solution</i>	250ml
	<i>Nigrosin solution</i>	250ml
	<i>Malachite green solution</i>	250ml
	<i>Methylene blue solution</i>	125ml
	<i>Leishman stain solution</i>	250ml
	<i>Carbol fuchin solution</i>	250ml
5	<b>Reagents</b>	
	<i>Acrylamide-bisacrylamide sol for Gel (30%)</i>	100ml
	<i>Ph tablets(4,7,9.2)</i>	
	<i>TEMED</i>	100ml
	<i>Ninhydrin</i>	100gm
	<i>EDTA(MERK)</i>	100gm
	<i>Methanol</i>	500ml

	<i>Ethanol</i>	<i>500ml</i>
	<i>Sodium hydroxide</i>	<i>500gm</i>
	<i>Potassium hydroxide</i>	<i>500gm</i>
	<i>Lead Acetate</i>	<i>50gm</i>
	<i>Ferric Chloride</i>	<i>500gm</i>
	<i>Folin Phenol Reagent</i>	<i>100ml</i>
	<i>Glycerol</i>	<i>500ml</i>
	<i>Copper Sulfate</i>	<i>500gm</i>
	<i>Hydrochloric acid</i>	<i>500ml</i>
	<i>Sodium Arsenite</i>	<i>50gm</i>
	<i>Sulfuric Acid</i>	<i>500ml</i>
	<i>Esbach Reagent</i>	<i>125ml</i>
	<i>Millon's reagent</i>	<i>100ml</i>
	<i>RBC diluting fluid</i>	<i>100ml</i>
	<i>WBC diluting fluid</i>	<i>100ml</i>
	<i>Benedict Reagent</i>	<i>100ml</i>
	<i>Ammonium per sulfate</i>	<i>500gm</i>
	<i>Di sodium paranitro phenyl phosphate</i>	<i>500gm</i>
	<i>Alpha naphthol</i>	<i>25gm</i>
	<i>Berfoed's reagent</i>	<i>125ml</i>
	<i>Saliwanoff reagent</i>	<i>125ml</i>
	<i>Potassium hydrogen sulphate</i>	<i>500gm</i>
	<i>Sodium carbonate</i>	<i>500gm</i>
	<i>Sodium Potassium tartrate</i>	<i>500gm</i>
	<i>Sodium bicarbonate</i>	<i>500gm</i>
	<i>Sodium sulphate</i>	<i>500gm</i>
	<i>CuSO<sub>4</sub>.5H<sub>2</sub>O</i>	<i>500gm</i>
	<i>Ammonium molybdate</i>	<i>500gm</i>
	<i>Disodium hydrogen arsenate</i>	<i>50gm</i>
	<i>Alcohol</i>	<i>500ml</i>
	<i>Chloroform</i>	<i>500ml</i>
	<i>Folin ciocalteu reagent</i>	<i>125ml</i>
	<i>FeCl<sub>3</sub></i>	<i>500gm</i>
	<i>Metaphosphoric acid</i>	<i>500ml</i>
	<i>Vit-C</i>	<i>50gm</i>
	<i>Silica gel dust</i>	<i>500gm</i>
	<i>Amino acids kit</i>	
	<i>Butanol</i>	<i>500ml</i>
	<i>Acetic acid</i>	<i>500ml</i>
	<i>Protease</i>	<i>25gm</i>
	<i>Pottasium phosphate di basic, trihydrate</i>	<i>500gm</i>
	<i>Sodium acetate trihydrate</i>	<i>500gm</i>
	<i>Casein</i>	<i>500gm</i>
	<i>Calcium Acetate</i>	<i>500gm</i>
	<i>Trichloro acetic acid</i>	<i>500ml</i>
	<i>Agarose powder</i>	<i>50gm</i>
	<i>Agglulinaling Kit</i>	<i>Minimum pack</i>
	<i>Formaldehyde</i>	<i>500ml</i>
	<i>Glucose</i>	<i>500gm</i>
	<i>Magnesium Sulphate</i>	<i>500gm</i>
	<i>Manganaes Sulphate</i>	<i>500gm</i>
	<i>Silica gel powder</i>	<i>500gm</i>
	<i>Fructose</i>	<i>500gm</i>
	<i>Starch</i>	<i>500 gm</i>
	<i>Kovacs Reagent</i>	<i>125ml</i>

	<i>Methyl Red</i>	<i>125ml</i>
	<i>Ferroun indicator</i>	<i>125ml</i>
	<i>HNO<sub>3</sub></i>	<i>500ml</i>
	<i>Antibiotic(Chloramphenical,Streptomycine)</i>	<i>Minimum pack</i>
<b>6</b>	<b><i>Glassware</i></b>	
	<i>Micropipette 1000µl</i>	
	<i>Micropipette 1000µl Tips</i>	
	<i>Micropipette 2-200µl</i>	
	<i>Micropipette 2-200µl Tips</i>	
	<i>Test tube rack plastic ,25ml capacity test tube</i>	
	<i>Dropping bottle 60ml</i>	
	<i>Dropper polythene</i>	
	<i>Hand Gloves</i>	
	<i>Microcentrifuge tube 2 ml</i>	
	<i>Pipette Sucker 20ml</i>	
	<i>Spatula</i>	
	<i>Test tube holder</i>	
	<i>Test tube brush</i>	
	<i>Non absorbent cotton</i>	
	<i>Round bottle 250ml,100ml</i>	
	<i>Capillary tube</i>	
	<i>Adopter 250ml(Inter changeable stopper)24/29</i>	
	<i>Adopter 100ml(Inter changeable stopper)14/23</i>	
	<i>Conical flask 150ml, 250ml</i>	
	<i>Nefalometric flask100ml</i>	
	<i>Pipette10ml, 1ml</i>	
	<i>Poly propylene tube capacity 15 ml</i>	
	<i>Syringe</i>	
	<i>Whatman Filterpaper(11cm )</i>	
	<i>Membrane filter(0.2µm)</i>	
	<i>Tissue Paper</i>	
	<i>Spreader</i>	
<b>7</b>	<b><i>INSTRUMENTS</i></b>	
	<i>Haemocytometer with RBC, WBC Pipette</i>	
	<i>Haemometer</i>	
	<i>Pocket PH meter (Eutech Instruments)</i>	
	<i>Paper Chromatography Set</i>	
	<i>Double distillation unit, Borosil</i>	
	<i>Vertical electrophoresis apparatus, Terson</i>	
	<i>Digital colorimeter,Systronics</i>	
	<i>DO Meter(Eutech Instruments)</i>	

Sd/-  
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