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PANSKURA BANAMALI COLLEGE

(Autonomous College 2018-28)

Largest Rural Based, NAAC Re-Accredited 'A' Grade (2016-21)

& DST-FIST (Govt. of India) sponsored College

Website : www.panskurabanamalicollege.orgE-mail : principal.pbc@gmail.com

P.B.C./Bio. Tech./Qout.02(A)/20

Date: 05/11/2020

TENDER NOTICE

Sealed Quotations are invited from reputed firms/distributors for the following Instruments and lab equipment for the Department of Chemistry. Sealed Quotations must reach to the Principal, Panskura Banamali College (Autonomous), P.O- Panskura R.S, Dist- Purba Medinipur, Pin-721152, on or before 29.11.2021 indicating the name of the Department in the envelop. Price should be inclusive of all taxes.

No.	Items	Specification/Pack	Remark
CHEMICALS (Analytical Grade)			
1.	Glycine CAS 56-40-6	110 g x 2	Himedia
2.	BSA Fraction V CAS56-40-6	5 g	MERCK
3.	Ninhydrine CAS485-47-2	25 g	Himedia
4.	Sudan yellow CAS Number: 842-07-9	100 g x 2	LOBA
5.	Sudan red CAS Number: 3176-79-2 HSN: 3204.9000 CAS No.: 85-83-6	25 g 100 g	LOBA
6.	(i)Amberlit LA-1 CAS Number: 11128-96-4 (ii) ADSORBER RESIN AMBERLITE XAD-4	500 g 500 mL	MERCK
7.	(ii) Amberlite IR400 (Cl-) Strong acid anion exchanger	500 g	HIMEDIA
8.	Silver Nitrate 99%	25g	LOBA CHEMIE
	Potassium iodide	2x500 g	LOBA CHEMIE
9.	Potassium dihydrogen phosphate 7778-77-0	100 g	MERCK
	Silicagel for TLC	5 kg	HIMEDIA
10.	Active drying and adsorption agent with moisture indicator HSN: 3824.9025 CAS No.: 112926-00-8	1 kg	LOBA
11.	Carboxyl methyl (CM)	Cation Exchanger (Functional group - OCH ₂ COOH)/500 g	MERCK

12.	Sulphopropyl (SP)	Cation Exchanger (Functional group- OCH ₂ CH ₂ CH ₂ SO ₃ H)/ 500 g	MERCK
13.	Sulphonate (S)	Cation Exchanger (Functional group- OCH ₂ SO ₃ H)/500 g	MERCK
14.	Diethylaminoethyl (DEAE)	Anion Exchanger (Functional group - OCH ₂ CH ₂ NH (C ₂ H ₅) ₂ / 500 g	MERCK
15.	Quaternary aminomethyl (Q)	Anion Exchanger (Functional group - OCH ₂ N(CH ₃) ₃ / 500 g	MERCK
16.	Oxine	100 g	HIMEDIA
17.	Phenanthroline ferrous sulfate (ferroin)	100 mL	LOBA CHEMIE
18.	Silver sulfate	100 g	LOBA CHEMIE
19.	pH Tablet	pH4.2-1 tab in 100 mL pH6.8-1 tab in 100 mL pH7-1 tab in 100 mL pH9.2-1 tab in 100 mL	LOBA CHEMIE
20.	Gold(III) chloride CHLOROauric ACID Extra Pure Gold (III) Chloride HSN: 2843.3000 UN No.: 3260/8 CAS No.: 27988-77-8 HAuCl ₄ .xH ₂ O M.W. 339.79 (anhydrous basis)	1 g	LOBA
21.	Thiamine hydrochloride THIAMINE HYDROCHLORIDE 98.5% For Biochemistry Aneurine hydrochloride, Vitamin B1 hydrochloride HSN: 2936.2210 CAS No.: 67-03-8 C ₁₂ H ₁₇ ClN ₄ OS.HCl M.W. 337.27	100 g	Himedia
	Instruments		
1.	Computer Mini Server for DFT and TDFT software	Strong Desktop machine i7-5820k (6core, 12-thread) 8 GB RAM 2TB Hard drive The processor: Fastest and as multi-core affordability. Memory: 1 GB per thread Disk space: 2 TB Monitor: 21 inches	
2.	Microwave oven	25 Litre capacity	
3.	UV-VIS spectrophotometer	Range: 190-1100 nm Double Beam, Xe light source, Bandwidth 1.5 nm, Accessories for solid sample reflectance/transmittance	

	Equipment	
1.	TLC plate	Five set
2.	UV-Chamber	One set
3.	BOD Bottles	250-300 mL
4.	Magnetic Stirrer	1", 2" length

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