

EMERITUS SCIENTIST SCHEME (CENTRAL LABORATORY)

SKN COLLEGE OF AGRICULTURE : JOBNER

No.SKNCOA/ES-CL/2017/ 71-15

Dated : 07-12-2017

LIMITED TENDER NOTICE

Sealed tenders are invited from the reputed firms to the supply of the following chemicals. The tender will be accepted upto 14th December 2017 (11.00 AM) in the Central Laboratory, Dept of Biochemistry and will be opened on the same day at 11.30 AM by the committee in the Department of Agronomy, SKNCOA, Jobner. The Dean has all rights to accept/reject the tender without assigning the reason thereof. Approximate purchasing can be increased or decreased. F.O.R. Jobner. The successful firm(s) has to deposit Earnest money @ 2% of total purchase amount in the Dean's Office which will be refunded after the receipt of the goods.

A : Fine quality laboratory chemicals :					
SN	Name of the chemical	Grade	Purity required(%)	Quantity required	Approx. Cost (Rs)
1.	Agarose Low melting, Ultra pure	For Molecular Biology	--	50 g	4000=00
2.	Acetic acid	For Molecular Biology	≥99.00	500 ml	4700=00
3.	Acetone	For Molecular Biology	≥99.00	500 ml	700=00
4.	Ammonium Acetate	For Molecular Biology	≥98.00	100 g	600=00
5.	Ammonium per sulphate	For Molecular Biology	≥98.00	100 g	750=00
6.	Coomassie Brilliant Blue R-250	For Molecular Biology		25 g	2800=00
7.	Bromophenol Blue	For Molecular Biology		5 g	350=00
8.	CetylTrimethylammonium Bromide (CTAB)	For Molecular Biology	≥99.00	100 g	630=00
9.	Chloroform	For Molecular Biology	>99.00	500 ml	1800=00
10.	Isoamyl alcohol	For Molecular Biology	> 98.00	3x100 ml	1350=00
11.	2- Mercaptoethanol	For Molecular Biology	> 98.00	2x100 ml	1480=00
12.	Sodium Lauryl sulphate	For Molecular Biology	≥99.00	500 g	8000=00
13.	Methanol	For HPLC	99.9	10x500 ml	4000=00
14.	Mineral Oil	For Molecular Biology		ml	900=00
15.	Propanol (Iso propyl alcohol)	For Molecular Biology	≥98.00	1000 ml	2500=00
16.	RNAse enzyme, Activity : 50u/mg	For Molecular Biology		100 mg	4000=00
17.	TEMED	For Molecular Biology	≥99.00	2x100 ml	2150=00
18.	Tris HCL	For Molecular Biology	≥99.00	500 g	3500=00
19.	Glycerol	For Molecular Biology	≥99.00	500 ml	1600=00
20.	Polyvinylpropylene(PVP)K-30	For Molecular Biology		100 g	550=00
21.	Silver Nitrate (Extra pure)	AR-Extra Pure	99.90	25g	4900=00
22.	Glycine	For Molecular Biology		2000 g	3500=00
23.	Urea	For Molecular Biology		500 g	950=00
24.	EDTA	For Molecular Biology		500=00	2300=00
25.	Bis - acrylamide	For Molecular Biology		100 g	300=00
26.	Water sterile (Nuclease free)	For Molecular Biology		500 ml	2500=00

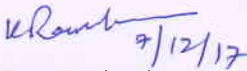


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B : Reagents/enzymes for PCR:

SN	Name of the chemical	Grade	Quantity required	Approx. Cost (Rs)
1.	Taq polymerase (5units/ μ l) (10x buffer with $MgCl_2$)	For Molecular Biology	2 x 500 μ l	3500=00
2.	dNTP solution set 10 mM each of dATP,dTTP,dCTP,dGTP	For Molecular Biology	1000 μ l	4000=00
3.	$MgCl_2$ (25 mM)	For Molecular Biology	5.0 ml	1100=00
4.	PCR buffer	For Molecular Biology	5.0 ml	1700=00
5.	Ladder DNA 100 bp	For Molecular Biology	100 μ l	3000=00
6.	Ladder DNA 1Kb	For Molecular Biology	100 μ l	3500=00
Total (A and B)				77610=00

- The firms participating in the tender shall attach reference letters (with contact address and telephone numbers) of at least two reputed laboratories where such delivery of such chemicals have been made and are found satisfactory. The chemical packing/vials should have labels of the manufacturing company depicting required purity percentage and that it is of molecular biology grade.


(K. Ram Krishna)
Emeritus Scientist