

Bidhan Chandra Krishi Viswavidyalaya

CROP RESEARCH UNIT RESEARCH DIRECTORATE

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Centre in Charge, RNARC and Officer in Charge, Crop research Unit, is inviting tenders from competent and *bonafide* vendors/ parties/ distributors/ dealers/agents/ manufacturers having registration of GST for supply of following items to the University, within 15 days from the date of publication of this notice as per specifications appended bellow (Table 1).

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Table -1 (CRU/1718/ Ten 3): List of Items

S.No	Name of the Item with specification	Approx. Qty. to be purchased	Cost/unit or pack as specified
1	Plant DNA isolation mini kit-50 (column based), Make from GCC/Himedia/ Qiagen/ Invitrogen/Takara	6 x pack of 50	
2	TaqMan TAMRA PROBE 6,000 PMOLES	6	
3	Gel Extraction Kit (50), GCC/Himedia/ Qiagen/Takara/Invitrogen/Promega	3 X 50	
4	Column based Plasmid isolation kit (mini) suitable for sequencing (50), Genei/Himedia/Qiagen/Takara/ Invitrogen	2 X 50	
5	RNA later (stabilizing solution), Himedia/Qiagen/Takara/ Invitrogen	200 ml	
6	Micro Amp 48-well optical adhesive Film 100, Invitrogen	1 X 100	
7	MicroAmp® Fast Optical 48-Well Reaction Plate, Invitrogen	4 x 25	
8	TaqMan Gene Expression Master Mix, 1-Pack (1 x 5 mL), Invitrogen/Qiagen/Takara	3 X 5ml	
9	10X TBE Buffer 10L	2 X 10L	
10	DNA ladder 100bp, Ready to load	4 x 500 Loads	
11	DNA ladder 500bp, Ready to load	4 x100 loads	

12	RNase A, 50mg	50mg	
13	Amplitaq Gold PCR master mix , 200 rn x 50 microlitre	4	
14	Power SYBR green PCR master mix 5 ml , Invitrogen	3 X 200 rn	
15	First strand cDNA synthesis kit, 50micro lt x 200 Rn, Invitrogen/Qiagen/Takara/Himedia/GCC	3 X 200 rn	
16	Agarose (500g) for the separation and recovery of DNA, RNA etc. Lonza/ Sigma/ SRL/ E-Merck/Himedia	2 x 500 g	
17	Enzyme based sucrose estimation kit suitable for rice leaves, Megazyme	100 samples	
18	Enzyme based Glucose estimation kit , suitable for rice leaves, Megazyme	100 samples	
19	Enzyme based total sugar estimation kit, suitable for rice leaves, Megazyme	100 samples	
20	Taq DNA polymerase (3U/ μ l) for routine use, Genei/Takara/Invitrogen/Himedia/GCC	50000U	
21	dNTPs master mix	100mM x4	
22	Peptide based antibody; designing of peptide sequence and synthesis follwed by raising of antibody of the target gene sequence, sufficient for 100 reactions	5	
23	One step RT PCR Kit(Reverse transcriptase-cDNA kit) 20 reactions, plant, Qiagen/Invitrogen/Promega/Takara	1	
24	PCR cloning kit-40 samples, Promega/Qiagen/Invitrogen	2	
25	QIAxcel DNA Fast analysis cartridge	1	
26	QIAxcel DNA High Resolution cartridge	1	
27	QX alignment marker, 929521	1	
28	Desiccator plan, 300mm, 401040, Tarson	4	
29	Aseptic Petridish, Tarson, 460051	90 \times 14	
30	Vol. Flask Class B, 50ml, 322020	50	
31	Microtip 200 microlitre a pack of thousand, Tarson, Axigen	20	
32	Microtip 1ml a pack of 500, Tarson/Axigen	20	
33	0.2ml PCR tube flat cap, a pack of 1000, Tarson/Axigen	20	
34	Rice and lentil Transcriptome sequencing, analysis and anotation	6	
35	Chip based SNP genotyping of rice, 96 plates	1	
36	3KVA online UPS, APC brand, to replace existing one with delivery and fitting charges	1	

Chattacharya