

DST-SERB POWER-Project

Project file number: SPG/2021/002269

Project Title: Characterization of Begomoviruses associated to Tomato crop in Bihar

Principal Investigator: Dr Punam Ranjan

Lab Location: Plant Molecular Virology Laboratory (Lab No.- 114) Department of Botany, Patna Science College, Patna University, Pin-800005, Bihar

Details of the project items for which quotations are invited

S. No.	Project Item	Item details
1	List 1	Chemicals (Molecular Biology grade), as per the specification/make and model
2	List 2	Plasticware, as per the specification/make and model
3	List 3	Glassware, as per the specification/make and model
4	List 4	Enzymes with specification 1, as per the specification/make and model
5	List 5	Lab Consumables, as per the specification/make and model

Tentative date for the procurement of consumables

Initial date for submission of quotation	Last date for submission of quotation
10-06-2024	25-06-2024 (4:00 PM)

The university/lab reserves the right to accept in part or in full or reject any or more quotation(s) without assigning any reasons at any time prior to award of contract (purchase order), without incurring any liability, whatsoever to the affected bidder or bidder(s). **Quotation may be given by post/in person, latest by 4:00 PM on 25/06/2024.**

Name on the Quotation (Quotations generated for):-

To,
DST SERB POWER project (File No SPG/2021/002269),
Department of Botany, Patna Science College, Patna.

The sealed hard copies of quotation along with the specification of the quoted item should be sent to the below mentioned address: **Dr. Punam Ranjan, Assistant Professor, Department of Botany, Patna Science College, Patna-800005, Bihar, India.**

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For any other details and queries please contact:

Pankaj Kumar, Technical Assistant, Department of Botany, Patna Science College, Patna-800005, Bihar, India.

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If quotations are being sent by post, give an e-mail, regarding this on above e-mail. Quotations will not be accepted through e-mail.

The details of each item with specifications are mentioned below.

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List 1: Chemicals (Molecular Biology grade)

Column No.	Product Description	Code	Make
1	CTAB-100 G	MB101-100G	Himedia
2	Tris base (Trizma®) Cell Culture Tested- 500 G	TC072-500G	Himedia
3	EDTA disodium salt dehydrate-500 G	TC038-500G	Himedia
4	Sodium Chloride-500 G	MB023-500G	Himedia
5	Polyvinylpyrrolidone (PVP) K-30	RM854-100G	Himedia
6	Chloroform-500 ML	MB109-500ML	Himedia
7	Isoamyl alcohol-500 ML	MB091-500ML	Himedia
8	Potassium hydroxide pellets For Molecular Biology-500 G	MB262-500G	Himedia
9	Agarose special, Low EEO-100 G	MB002-100G	Himedia
10	Agar Agar, Type I-500 G	GRM666-500G	Himedia
11	Sodium acetate trihydrate, Hi-AR™/ACS	GRM3950-500G	Himedia
12	Yeast Extract Powder-500 G	RM027-500G	Himedia
13	Casitose (MB grade) (Tryptone, MB grade)-500 G	RM7707-500G	Himedia
14	Ethidium bromide solution(10mg/ml) For Molecular Biology-10ML	MB074-10ML	Himedia
15	Ampicillin sodium salt-1 G	MB104-1G	Himedia
16	Kanamycin sulphate-1 G	MB105-1G	Himedia
17	RNase A Solution (20 mg/ml)-2 ML	DS0003-2ML	Himedia
18	Lauryl sulphate sodium salt For Molecular Biology-100 G	MB010-100G	Himedia
19	D-(+)-Glucose anhydrous (Dextrose anhydrous) Cell Culture Tested-1 KG	TC130-1KG	Himedia
20	2-Propanol For Molecular Biology- 1L	MB063-1L	Himedia
21	Diluent for DNA Extraction For Molecular Biology-500 ML	MB228-500ML	Himedia
22	Ethanol -500 ml (99.9%)	UN No.1170	CS
23	Phenol : Chloroform : Isoamyl alcohol mixture (25:24:1 v/v) For Molecular Biology	MB078	Himedia
24	Rifampicin	CMS1889-1G	Himedia
25	Acetic acid glacial, Hi-AR™	AS119-500ML	Himedia
26	Methanol, Hi-AR™	AS059-500ML	Himedia
27	Bromophenol blue, Hi-Cert™/ACS	GRM117-5G	Himedia
28	Xylene cyanol FF, Hi-Cert™	RM859-5G	Himedia
29	6X Gel Loading Buffer	ML015	Himedia
30	"Sterile Disposable Petri Plates Polystyrene, Optically clear, size: 90 mm diameter x 15 mm, individually packed."	PW001-1X600NO	Himedia
31	TRIS hydrochloride For Molecular Biology-500 G	MB030-500G	Himedia
32	Phenol Tris equilibrated For Molecular Biology w/ Stabilizer	12692	SRL

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List 2: Plasticware for viral DNA isolation and cloning

S No	Product Description	Code	Make
1	20°C Mini Cooler, 32 places	526030	Tarsons
2	Test Tube Stand, 12*32	202050	Tarsons
3	Test Tube Stand, 20*20	202030	Tarsons
4	Screw Cap Centrifuge Tube Round-Bottom, PP	541020	Tarsons
5	Rack for Micro Tube, 24 places	241020	Tarsons
6	SPINWIN Tube Conical Bottom, 15ml	546021	Tarsons
7	SPINWIN Tube Conical Bottom, 50ml	546041	Tarsons
8	Maxiamp PCR Tube 0.2ml Flat cap	510051	Tarsons
9	Micro tips 0.2-10µL	521000	Tarsons
10	Micro tips 2-200µL	521010	Tarsons
11	Micro tips 200-1000µL	521020X	Tarsons
12	SPINWIN™ Micro Centrifuge Tube – CLEAR-2 ml	500020C	Tarsons
13	SPINWIN™ Micro Centrifuge Tube – CLEAR-1.5 ml	500010C	Tarsons
14	Autoclavable Bag 12" * 24"	550022	Tarsons
15	Autoclavable Bag 24" * 30"	550015	Tarsons
16	Parafilm M	2"X250'	Tarsons
17	Cryo Box-1.0 & 1.8 ml (pack of 4)	524010	Tarsons
18	Micro Tube Box-1.5 ml (pack of 4)	524070	Tarsons
19	Rack for Micro Tube-1.5 ml (pack of 6)	240010	Tarsons
20	Measuring Cylinder Class B-500 ML (Pack of 6)	345070	Tarsons
21	Maxiamp PCR Tube 0.2ml domed cap	510053	Tarsons
22	KC Powder Free Flex Blue Nitrile Gloves 3.0 mil – Medium Size (pack of 100)	370022	Tarsons
23	Autoclavable tape		

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List 3: Glassware

Sl. No.	Product Description	Code	Make
1	Glassco: REAGENT BOTTLES NARROW MOUTH 100 ML WITH AUTOCLAVABLE SCREW CAP AND POURING RING	274.202.01	Glassco
2	Glassco: REAGENT BOTTLES NARROW MOUTH 250 ML WITH AUTOCLAVABLE SCREW CAP AND POURING RING	274.202.02	Glassco
3	Glassco: REAGENT BOTTLES NARROW MOUTH 500 ML WITH AUTOCLAVABLE SCREW CAP AND POURING RING	274.202.03	Glassco
4	Glassco: REAGENT BOTTLES AMBER 100 ML WITH AUTOCLAVABLE SCREW CAP AND POURING RING	275.202.01	Glassco
5	Glassco: REAGENT BOTTLES AMBER 250 ML WITH AUTOCLAVABLE SCREW CAP AND POURING RING	275.202.02	Glassco
6	Glassco: REAGENT BOTTLES AMBER 500 ML WITH AUTOCLAVABLE SCREW CAP AND POURING RING	275.202.03	Glassco
7	Glassco: Beaker low form with Spout 250ml	229.202.07	Glassco
8	Glassco: FLASK CONICAL SCREW CAP 250 ML GL45	075.207.04	Glassco
9	Glassco: FLASK CONICAL SCREW CAP 500 ML GL45	075.207.05	Glassco
10	Glassco: FLASK CONICAL SCREW CAP 1000 ML GL45	075.207.06	Glassco
11	Glassco: Pestle & Mortar, 75 x 48 mm (IDXH)	529.303.09	Glassco
12	Glassco: Pestle & Mortar, 85 x 55 mm (IDXH)	529.303.10	Glassco
13	Glassco: Forceps ss410, 300 mm	533.303.06	Glassco
14	Laboratory Gloves, 100 pcs (Large)	505.303.09	Glassco

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List 4: Enzymes with specification 1

S No	Product Description	Code	Make
1	BamHI, 4000 unit	ER0051	Thermo Scientific
2	BglI, 2000 units	ER0071	Thermo Scientific
3	Eco32I (EcoRV), 2000 units	ER0301	Thermo Scientific
4	EcoRI, 5000 units	ER0271	Thermo Scientific
5	HindIII, 5000 units	ER0501	Thermo Scientific
6	KpnI, 4000 units	ER0521	Thermo Scientific
7	PvuII, 2500 units	ER0631	Thermo Scientific
8	NotI, 300 units	ER0591	Thermo Scientific
9	SacI, 2000 units	ER1135	Thermo Scientific
10	Sall, 1500 units	ER0641	Thermo Scientific
11	SmaI, 1200 units	ER0661	Thermo Scientific
12	XhoI, 2000 units	ER0691	Thermo Scientific
13	PstI, 3000 units	ER0611	Thermo Scientific
14	XbaI, 1500 units	ER0681	Thermo Scientific
15	dNTP Set 100 mM Solutions, 4 x 0.25 mL	R0181	Thermo Scientific
16	T4 DNA Ligase, 1000 units	EL0011	Thermo Scientific
17	Bovine Serum Albumin (BSA), 5 mg	B14	Thermo Scientific
18	FastAP Thermosensitive Alkaline Phosphatase, 1000 units	EF0651	Thermo Scientific
19	Nalidixic Acid (30 µg)	3568618	Genetix
20	Ampicillin (5 ml) 100 mg/ml (1 x 5 ml)	A1001-5	Thermo Scientific
21	Kanamycin Sulfate (5 ml) 35mg/ml (1 x	A1003-5	Thermo Scientific
22	Rifampicin, 1g	R0146.0001	Thermo Scientific
23	GeneJET™ Gel Extraction Kit, 50 prep	K0691	Thermo Scientific
24	CloneJET™ PCR Cloning Kit, 20 rxn	K1231	Thermo Scientific

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25	6X DNA Loading Dye, 5 x 1 mL	R0611	Thermo Scientific
26	EquiPhi29 DNA Amplification kit	A65393	Thermo Scientific
27	Antarctic Phosphatase (AnP)	M0289S	New England Biolab
28	phi29-XT RCA Kit	E1603S	New England Biolab
29	TempliPhi 100 amplification kit	25640010	Cytiva

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List 5: Lab Consumables

Sl. No.	Product Description	Code	Make
1	Double layered syringe filter PES	SFGFPE25X	AxiBio
2	Nitrile Examination Gloves (Powder free)	XG 40 L	AxiBio
3	SeaKem LE Agarose 500 gms Bottle	AX50004	AxiBio
4	Optica cell for UV spectrophotometer Quartz	SQ0100	AxiBio
5	Liquid N ₂ Container (Capacity 7L)	BA7	Cryocan*

List 5 *Serial number-5, quotations should be provided separately.

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