

Schedule of Requirements and Technical Specifications

PR No.: 2020-03-045 (07308603)

For the project "Multiplication of Garlic Clean Planting Materials Through Tissue-Culture and Bulbil Approaches

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item Number	QTY	UNIT	Description	Unit price	Total	Delivered, Weeks/Months
1	10	gal	Alcohol, denatured			
2	1	bot	Ammonium Nitrate, 1 kg			30 days
3	1	bot	Calcium chloride, 500 g			
4	1	bot	Magnesium sulphate, 500 g			
5	1	bot	Potassium nitrate, 1 kg/bot			
6	1	bot	Potassium phosphate monobasic, 500 g			
7	1	bot	Boric Acid, 500 g			
8	1	bot	Cobalt chloride hexahydrate, 25 g			
9	1	bot	Copper sulphate, 500 g			
10	1	bot	EDTA disodium salt dihydrate, 500 g			
11	1	bot	Ferrous sulphate heptahydrate, 500 g			
12	1	bot	Manganese sulphate monohydrate, 500 g			
13	1	bot	Molybdc acid (sodium salt), 500 g			
14	1	bot	Potassium Iodide, 500 g			
15	1	bot	Zinc sulphate heptahydrate, 500 g			
16	1	bot	Myo-Inositol, 500g			
17	1	bot	Nicotinic acid (free acid), 100 g			
18	1	bot	Pyridoxine HCl, 100 g			
19	1	bot	Thiamine HCL, 25 g			
20	2	bot	Glycine, 500 g			
21	1	bot	Indole Acetic Acid, 15 g			
22	1	bot	Hydrochloric acid, 2.5 L			
23	1	bot	Potassium hydroxide, 500g			
24	1	bot	Napthalene Acetic Acid, 100g			
25	1	bot	Agar powder(Sigma A 1296), 1 kg			
26	1	bot	Benzyl Amino Purine (Sigma, B 3238) 5g			
27	1	bot	a-Napthalene acetic acid (NAA), 500g			
28	1	bot	Calcium nitrate, 500 g			
29	1	bot	Ethanol, absolute, 2.5 li			
30	1	bot	Ethanol, 95%, 2.5 li			
31	1	bot	Cupic sulfate-5H2O, 500g			
32	1	bot	Indole Butyric Acid, 25g			
33	1	bot	Kinetin (Sigma, K 0753), 1x1 gm			
34	1	bot	Magnesium Sulfate anhydrous, 500g			
35	1	bot	Peptone, 500g			
36	1	bot	Potassium sulfate, 500g			
37	1	bot	Sodium hydroxide, 1 kg			
38	2	bot	Tween 20, 1000 ml			
39	2	bot	2 iP (2 - isopentyl) adenine, 1 gm			
40	4	pcs	Alcohol lamp, 150 ml			
41	9	pcs	Beaker, glass, 1000 ml			
42	10	pcs	Beaker, glass, 500 ml			
43	10	pcs	Beaker, glass, 250 ml			
44	10	pcs	Erlenmeyer flask, glass, 250 ml			
45	10	pcs	Graduated cyclinder, glass, 100 ml			
46	2	pcs	Flasks, volumetric, 1000 ml			
47	10	pcs	Reagent bottle, glass, 1000 ml			
48	2	pcs	Medicine dropper			
49	1	roll	Parafilm			
50	5	pcs	Scalpel #4			
51	4	pcs	Spatula, stainless, 10"			
52	4	pcs	Spatula, stainless, 6"			
53	4	pcs	Forceps, stainless steel (152 mm)			
54	10	pcs	Stirring rod, 330 mm			
55	500	pcs	Test tube, glass, 16x150 mm			
56	10	pcs	Test tube brush #7			

Item Number	QTY	UNIT	Description	Unit price	Total	Delivered, Weeks/Months
57	33	pcs	Test tube rack for 16x150 test tubes, stainless steel, 50 holes			
58	2	pcs	Laboratory gown, medium			
59	15	box	Mask, disposal surgical 100's/ box			
60	10	box	Latex gloves, powder free, small; 100/box			
61	8	unit	Culture racks (for plant tissue culture), 8pcs, 4 layers, with lighting & fixtures			
62	1	unit	Water bath for laboratory plant/tissue culture activity, volts: 220 VAC 50/60 Hz 1P, Amp: 1.5 kw 6-8 A			
63	1	unit	Laminar flow transfer hood; incoming air should be HEPA filtered to removed 99.99% of particles larger than 0.3µm; should meet or exceed the Class 100 clean standard 209D; maintain a flow of 90 fpm +/- 20% at a static pressure of 0.6-1.2"			
64	1	unit	Water Purification System (ultra pure purification system), water should have a resistivity of at least 200,000 ohms-cm and a conductivity 5.0 micromhos/cm, power: 220V - 50 Hz			
65	1	unit	Sterilizer, pressure cooker; operates between 116-1260 C; 10-20 psi; aluminum sterilizer has a 30 x 32.2 cm chamber; is supplied with chamber, lid with pressure gauge, immersion heater and safety valve, electric			
66	1	unit	Inverted microscope, 100x - 400x Inverted Trinocular Tissue Culture Microscope W/ Phase Contrast Capability + 3Mega Pixel USB Digital Camera			
67	1	unit	Fume hood, standard size: width: 1200 mm, depth 900 mm, height, 1900mm, constant volumetric rate: +/- 5 CFM, static pressure losses (+/- 0.01 "H2O)			
68	1	unit	Water Distiller with purifier, power: 220V - 50 Hz			
69	2	unit	pH Meter, digital, button cell (1.5 v) x 4, dimensions: 175 x 41 x 23 mm, minimum operating temperature: 0 degrees centigrade, maximum operating temperature +50 degrees centigrade, pH reading 0.0 to 14.0			
70	2	unit	analytical balance, 50 g capacity			
71	1	unit	Top loading Balance 3.2 kg capacity			
72	1	unit	Stirring hot plate (Ceramic Top)			
73	1	unit	Shaker orbital genie variable speed shaker)			
74	1	unit	Digital Bottle top Burette/dispenser, minimum volume: 0.01 ml, maximum volume: 50 ml, division: 0.01 ml, accuracy: +/- 0.2%			
75	1	set	Adjustable-Volume Pipette (0.5 ml to 5 mL)			

Name of Company: _____
Signature: _____
Tel/CP No. : _____