

LIST OF ITEM FOR THE PROCUREMENT OF VARIOUS LABORATORY SUPPLIES

ITEM	QTY	UNIT	ITEM DESCRIPTION	UNIT COST	TOTAL COST	END USER
			SUPPLY AND DELIVERY OF VARIOUS LABORATORY			
LOT 1. LABORATORY SUPPLIES					34,300.00	
1	5	box	Disposable gloves (latex free, powder free, 100pc/box blue)	500.00	2,500.00	CCARD
2	1	set	Entomological Dissection Kit- 2 teaser needle straight, 2 teaser needle angled, 1 iris scissors 11.5cm, 1 scalpel handle #3, 1 Adson Micro forceps 12cm, 1 dropper, 1 micro dissection forceps 12cm Str, 1 micro dissection forceps 12cm Cvd, 2 entomology forceps 10cm, 1 tweezers with magnifying mirror, 1 stainless steel scale 6", 10 Blades #10, 10 Blades #11, 1 free pouch	1,100.00	1,100.00	IHFSA
3	10	box	Facemask (3ply non-woven disposable surgical mask; any color; breathable material and pattern; thermal insulation; cotteon weight:3grams; size-17.3x9.5cm; 50pcs/box)	65.00	650.00	CSAC
4	4	box	Latex rubberized examination gloves (XL; powder free)	350.00	1,400.00	CSAC
5	12	pairs	Rubber gloves, 18 inches, 37-185, material composition: nitrile, EN,388, ENISO374-5, ENISO 374-1, size 7	650.00	7,800.00	NPRCRTC
6	6	pairs	Rubber gloves, 18 inches, 37-185, material composition: nitrile, EN,388, ENISO374-5, ENISO 374-1, size 8	650.00	3,900.00	NPRCRTC
7	3	box	Syringes (1ml with needle gauge 23x1")	500.00	1,500.00	CCARD
8	17	box	Surgical gloves, latex, non-powder, ambidextrous, non-sterile, 100/box, disposable, Small- 6boxes, Medium- 6boxes, Large- 5boxes	350.00	5,950.00	NPRCRTC
9	15	boxes	Surgical gloves, vinyl, powder free, 8medium/7large, 100pcs/box	350.00	5,250.00	HORTI
10	17	boxes	Surgical mask, 3 ply	250.00	4,250.00	HORTI
LOT 2. CHEMICALS AND REAGENTS					419,950.00	
1	2	bottles	Adenine sulfate,25g/bottle	5,400.00	10,800.00	HORTI
2	11	bottle	Agar Powder, 500g/bottle	4,545.45	50,000.00	NPRCRTC-1; HORTI- 10
3	1	bottle	Agar, Laboratory grade (500grams)	5,000.00	5,000.00	CSAC
4	75	bottles	Alcohol, ethyl, 68-70% scented,500ml	90.00	6,750.00	HORTI
5	2	packs	Ammonium metavanadate, 500 grams per pack, Analytical Reagent	5,500.00	11,000.00	COARDC
6	3	packs	Ammonium molybdate, (NH4)6Mo7O2.4H2O, Analytical Reagent, 500g/ pack	9,000.00	27,000.00	COARDC
7	1	bottle	Ammonium oxalate (100g; lab grade powder)	3,000.00	3,000.00	CSAC
8	1	bottle	Ammonium vanadate (100g; lab grade powder)	3,000.00	3,000.00	CSAC
9	8	bottles	Benzylaminopurine (5g), laboratory grade	8,500.00	68,000.00	NPRCRTC
10	1	bottle	Dextrose, anhydrous, A.R., 500g/bottle	3,000.00	3,000.00	NPRCRTC
11	2	bottles	Ethanol, 70%, 4li/gallon	700.00	1,400.00	HORTI
12	1	carbouy	Ethyl Alcohol, 95%	3,500.00	3,500.00	HORTI
13	1	bottle	Gibberellic Acid (GA3), 10 grams/bottle	1,500.00	1,500.00	HORTI
14	1	bottle	Glycine, 500g/bottles	6,500.00	6,500.00	HORTI
15	1	set	Horiba ABX Minotrol (H,L,N)	20,000.00	20,000.00	CCARD
16	7	gallons	Isoprophyl alcohol, 70%, 4li/gallon	600.00	4,200.00	HORTI
17	4	bottles	Magnesium sulfate, 5grams/bottle	450.00	1,800.00	HORTI
18	1	bottle	Malt Extract Agar, Analytical Reagent, 100g/bottle	1,500.00	1,500.00	IHFSA
19	1	bottle	Methylene Blue (100ml)	2,080.00	2,080.00	IHFSA

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20	1	bottle	Monobasic potassium sulfate (100g; lab grade powder)	3,000.00	3,000.00	CSAC
21	9	bottles	Murashige and Skoog basal medium (code: 5519, 10 liters/bottle/347g)	12,000.00	108,000.00	NPRCRTC
22	3	bottles	Myo inositol, 100grams/bottle	8,000.00	24,000.00	HORTI
23	1	bottle	Nutrient agar (500grams)	5,000.00	5,000.00	CSAC
24	1	bot	Nutrient agar, 250g/bottle	2,850.00	2,850.00	HORTI
25	3	bottles	Nutrient Agar, Analytical Reagent, 500g/bottle, Hi-media	2,990.00	8,970.00	IHFSA
26	1	bottles	Potassium Phosphate (KH ₂ PO ₄), 250 grams/bottle	3,500.00	3,500.00	HORTI
27	2	bottle	Potato dextrose agar (500gram)	5,000.00	10,000.00	CSAC
28	4	bottle	Potato Dextrose Agar, Analytical Reagent, 500g/bottle	3,100.00	12,400.00	IHFSA
29	1	packs	Potato dextrose agar, granules, 500 grams per pack	4,500.00	4,500.00	COARDC
30	2	bottles	Potato dextrose, 500g	2,850.00	5,700.00	HORTI
31	1	bottle	Silica gel/desiccant, reusable, self-indicating, blue, 500g/bot	400.00	400.00	HORTI
32	4	bottles	Snap hydroponics nutrient solution, 500ml/bottle	400.00	1,600.00	HORTI
LOT 3. GLASS SUPPLIES					85,690.00	
1	4	pcs	Beaker, 1000 ml, autoclavable, borosilicate glass, graduation range: 0-900 ml/ 1000-100 ml; graduation interval: 50 ml; accuracy: $\pm 5\%$	1,200.00	4,800.00	COARDC
2	4	pcs	Beaker, 150 ml, autoclavable, borosilicate glass, graduation interval: 10 ml; accuracy: $\pm 5\%$	400.00	1,600.00	COARDC
3	4	pcs	Beaker, 600 ml, autoclavable, borosilicate glass, graduation range: 0-450 ml/ 500-50 ml; graduation interval: 50 ml; accuracy: $\pm 5\%$	700.00	2,800.00	COARDC
4	13	pcs	Erlenmeyer flasks, 500ml,	375.00	4,875.00	IHFSA
5	30	pcs	Glass petri plates (100x 20 mm)	275.00	8,250.00	IHFSA
6	3	box	Glass slide cover slip, 22 x 22 mm	85.00	255.00	IHFSA
7	2	box	Glass Slides, 75 x 26 x 1 mm	285.00	570.00	IHFSA
8	40	pairs	Petri dish 100 mm with lid, autoclavable, borosilicate glass; bottom dish: 100 mm diameter by 20 mm deep cover: 105 mm diameter	500.00	20,000.00	COARDC
9	30	pc	Petri dish glass, standard size	270.00	8,100.00	IHFSA
10	30	pcs	Petri dish, 100x15mm	270.00	8,100.00	IHFSA
11	50	pcs	Petri Plates, glasss, 5mmx100mm	350.00	17,500.00	HORTI
12	2	packs	Screw cap glass vials, transparent, 10ml, 10pcs/pack	285.00	570.00	HORTI
13	2	packs	Screw cap glass vials, transparent, 15ml, 10pcs/pack	315.00	630.00	HORTI
14	2	packs	Screw cap glass vials, transparent, 20ml, 10pcs/pack	355.00	710.00	HORTI
15	2	packs	Screw cap glass vials, transparent, 30ml, 10pcs/pack	385.00	770.00	HORTI
16	2	packs	Screw cap glass vials, transparent, 3ml, 10pcs/pack	220.00	440.00	HORTI
17	2	packs	Screw cap glass vials, transparent, 50ml, 10pcs/pack	445.00	890.00	HORTI
18	2	packs	Screw cap glass vials, transparent, 5ml, 10pcs/pack	250.00	500.00	HORTI
19	28	pcs	Test tube standard size, 100ml capacity, 22x175mm	60.00	1,680.00	IHFSA
20	50	pc	Vials with cover, elongated 2-3 ml cap	12.00	600.00	IHFSA
21	50	pc	Vials with cover 20 ml cap	15.00	750.00	IHFSA
22	50	pc	Vials with cover 10ml cap	13.00	650.00	IHFSA
23	50	pc	Vials with cover 5ml cap	13.00	650.00	IHFSA

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LOT 4. PLASTIC & MESH/LAB SUPPLIES					19,810.00	
1	20	pcs	Graduated cylinder, plastic, 100ml	300.00	6,000.00	HORTI
2	24	pcs	Pail, plastic, with cover Capacity: 12 Liters Shape: Round Color: Blue	200.00	4,800.00	IHFSA
3	100	bottles	PET bottles coke 1.5L cap	11.00	1,100.00	IHFSA
4	20	bottles	Pet bottles with handle 4L cap, Water bottle	26.50	530.00	IHFSA
5	30	pack	Petri plastic dish, 60x15mm, 10pcs/pack	170.00	5,100.00	IHFSA
6	1	pc	Plastic Beaker Measuring Cup 100 ml	55.00	55.00	IHFSA
7	1	pc	Plastic Beaker Measuring Cup 1000 ml	100.00	100.00	IHFSA
8	1	pc	Plastic Beaker Measuring Cup 500 ml	75.00	75.00	IHFSA
9	10	pc	Plastic Funnel 9" diameter, transparent or white in color	160.00	1,600.00	IHFSA
10	1	pack	PP Plastic bags, 12"x18"x0.02, 100 PCS/pack	450.00	450.00	IHFSA
LOT 5. FORCEP & SIEVE					34,180.00	
1	2	pcs	Dissecting forcep, pointed (145mm)	90.00	180.00	IHFSA
2	2	pcs	Forcep, electrostatic, ESD 10	60.00	120.00	HORTI
3	2	pcs	Forcep, electrostatic, ESD 11	60.00	120.00	HORTI
4	2	pcs	Forcep, electrostatic, ESD 12	60.00	120.00	HORTI
5	2	pcs	Forcep, electrostatic, ESD 13	60.00	120.00	HORTI
6	2	pcs	Forcep, electrostatic, ESD 14	60.00	120.00	HORTI
7	2	pcs	Forcep, electrostatic, ESD 15	60.00	120.00	HORTI
8	4	pcs	Pointed dissecting forcep, 145mm	120.00	480.00	HORTI
9	1	pc	Sieve, stainless steel, stainless steel wire mesh base, usable height: 50mm, mesh: 0.053mm	8,300.00	8,300.00	HORTI
10	1	pc	Sieve, stainless steel, stainless steel wire mesh base, usable height: 50mm, mesh: 0.250mm	7,500.00	7,500.00	HORTI
11	1	pc	Sieve, stainless steel, stainless steel wire mesh base, usable height: 50mm, mesh: 2.00mm	8,000.00	8,000.00	HORTI
12	1	pc	Sieve, stainless steel, stainless steel wire mesh base, usable height: 50mm, mesh: 4.00mm	9,000.00	9,000.00	HORTI
LOT 6. VARIOUS LABORATORY SUPPLIES					109,292.00	
1	1	pc	Alcohol lamp, metal screw cap and metal cap, 100ml	200.00	200.00	IHFSA
2	3	pcs	Alcohol, 68-70% solution antiseptic disinfectant, 500ml	110.00	330.00	IHFSA
3	24	bottle	Alcohol, isopropyl, 70%, 500 ml/bottle	130.00	3,120.00	NPRCRTC
4	10	pcs	Atomizer, 250ml capacity	80.00	800.00	HORTI
5	1	pc	Core sampler, manual, capacity: 200cm ³ , length: 1m-5m, handle: T model, material: steel	6,000.00	6,000.00	HORTI
6	3	pack	Cotton roll, 300g	172.00	516.00	IHFSA
7	30	rolls	Cotton rolls, 300g	300.00	9,000.00	HORTI
8	10	bottles	Denatured alcohol, 300ml	65.00	650.00	IHFSA
9	24	bottles	Denatured alcohol, 320ml/bottle	65.00	1,560.00	HORTI

ITEM	QTY	UNIT	ITEM DESCRIPTION	UNIT COST	TOTAL COST	END USER
10	1	boxes	Filter paper, whatman #42 (125mm diameter)	2,300.00	2,300.00	HORTI
11	20	pcs	Funnel, plastic, 100mm diameter	180.00	3,600.00	HORTI
12	4	liters	Growth hormones (2 different brands)	730.00	2,920.00	CSAC
13	200	packs	Gulaman bars, flavorless, plain, white, 3 bars/pack	60.00	12,000.00	HORTI
14	7	pcs	Inoculation loop- Handle length: 140cm, loop length: 80cm, loop diameter: 3mm, reusable	120.00	840.00	IHFSA
15	6	pcs	Insect box, glass cover, air tight, 8x12"	400.00	2,400.00	HORTI
16	5	pc	Insect spreading board- 350x150x45mm, maximum opening between lots: 2.5cm, adjustable	1,730.00	8,650.00	IHFSA
17	2	pcs	Insulated ice box container	550.00	1,100.00	HORTI
18	6	pairs	Irish scissors, straight pointed tip, stainless steel, 10-12 cm	500.00	3,000.00	NPRCRTC
19	8	roll	Kitchen Towel tissue paper, 2 ply, 2 roll/ pack, jumbo	137.00	1,096.00	IHFSA
20	72	packs	Kitchen towel, sterile, plain white, 2-ply x 70 pulls, 225mm x 210 mm	90.00	6,480.00	NPRCRTC
21	1	roll	Laboratory film, parafilm (4"x1.25ft. Roll)	3,000.00	3,000.00	CSAC
22	1	boxes	Laboratory film, parafilm, 4"x25ft/box	2,000.00	2,000.00	HORTI
23	5	pcs	Medical Tweezers, stainless steel, 160mm	110.00	550.00	IHFSA
24	1	pack	Moth ball, naphthalene 1 kilo/pack	175.00	175.00	IHFSA
25	2	pcs	Nasal aspirator, anpen design	185.00	370.00	HORTI
26	1	set	Nylon/Camel hair paint brush, 12 pcs/set, round pointed tip with wooden handle	650.00	650.00	IHFSA
27	5	pcs	Pail Stainless Steel Food Grade, 16L capacity Size: 34 x 29cm/13.4 x 11.4 inch (Diameter x Height)	1,100.00	5,500.00	IHFSA
28	5	pcs	Pan aluminum, 8x12x2"	90.00	450.00	HORTI
29	47	packs	Paper towel, plain, 2ply, jumbo, double pack	170.00	7,990.00	HORTI
30	1	roll	Parafilm, 4 x 125ft, roll	1,550.00	1,550.00	IHFSA
31	2	packs	Petri culture dish with cover, 100 mm diameter, capacity: 50mm, Lenth: 16.0mm, material: soda lime silica glass, height: 10mm (pack of 12)	7,500.00	15,000.00	NPRCRTC
32	5	box	Razor blades, stainless, disposable, 10 packs (10pcs/pack)/ box	350.00	1,750.00	NPRCRTC
33	1	box	Rubber band, small, 100grams	60.00	60.00	CSAC
34	1	box	Rubberband Flat Brown, no.18, 350g, box	185.00	185.00	IHFSA
35	5	bottles	Spray bottle, clear, round, 500ml	50.00	250.00	IHFSA
36	1	pack	Test tube brush, sheepskin, 5pcs/pack, large size	300.00	300.00	HORTI
37	1	pack	Test tube brush, sheepskin, 5pcs/pack, medium size	252.00	252.00	HORTI
38	1	pack	Test tube brush, sheepskin, 5pcs/pack, small size	198.00	198.00	HORTI
39	1	unit	Thermometer Temperature Range: -50°C to +200°C (-58°F to +392°F) Absolute Maximum Temperature Measurement: +200 °C, +392 °F Thermometer Type: Wired Best Accuracy: ±2 °C, ±4 °F Number of Temperature Inputs: 1 Resolution: 0.1 ° Dimensions: 113 x 61 x 13mm Minimum/Maximum Recordings: Yes Temperature Scale: Centigrade, Fahrenheit	2,500.00	2,500.00	IHFSA

ITEM	QTY	UNIT	ITEM DESCRIPTION	UNIT COST	TOTAL COST	END USER
LOT 7. SCALPEL & SURGICAL BLADE/LABORATORY SUPPLIES					6,875.00	
1	5	boxes	Scalpel blade, #22, 100pcs/box	800.00	4,000.00	NPRCRTC
2	5	pcs	Scalpel handle, #4, carbon steel	300.00	1,500.00	NPRCRTC
3	5	pcs	Scalpel blade holder no.3	65.00	325.00	IHFSA
4	1	pack	Surgical blade no.11, pack	350.00	350.00	IHFSA
5	1	boxes	Surgical blade, size 24	700.00	700.00	IHFSA
LOT 8. PINS					15,426.00	
1	2	pack	Entomological Pin, size 0, 100 pcs/pack	670.00	1,340.00	IHFSA
2	2	pack	Entomological Pin, size 00, 100 pcs/pack	670.00	1,340.00	IHFSA
3	2	pack	Entomological Pin, size 000, 100 pcs/pack	670.00	1,340.00	IHFSA
4	2	pack	Entomological Pin, size 1, 100 pcs/pack	670.00	1,340.00	IHFSA
5	3	pack	Entomological Pin, size 2, 100 pcs/pack	670.00	2,010.00	IHFSA
6	3	pack	Entomological Pin, size 3, 100 pcs/pack	670.00	2,010.00	IHFSA
7	2	pack	Entomological Pin, size 4, 100 pcs/pack	670.00	1,340.00	IHFSA
8	2	pack	Entomological Pin, size 5, 100 pcs/pack	670.00	1,340.00	IHFSA
9	2	pack	Entomological Pin, size 6, 100 pcs/pack	670.00	1,340.00	IHFSA
10	2	pack	Entomological Pin, size 7, 100 pcs/pack	670.00	1,340.00	IHFSA
11	1	pc	Insect pin, stainless, 100pcs/pack, #00	98.00	98.00	HORTI
12	1	pc	Insect pin, stainless, 100pcs/pack, #0	98.00	98.00	HORTI
13	1	pc	Insect pin, stainless, 100pcs/pack, #1	98.00	98.00	HORTI
14	1	pc	Insect pin, stainless, 100pcs/pack, #2	98.00	98.00	HORTI
15	1	pc	Insect pin, stainless, 100pcs/pack, #3	98.00	98.00	HORTI
16	1	pc	Insect pin, stainless, 100pcs/pack, #4	98.00	98.00	HORTI
17	1	pc	Insect pin, stainless, 100pcs/pack, #5	98.00	98.00	HORTI
LOT 9. LABORATORY GOWN					900.00	
1	3	pcs	Laboratory gown, XL	900.00	900.00	HORTI
LOT 10. SEMI-EXPENDABLE EQUIPMENT					4,600.00	
1	2	pc	Diameter tape (used for tree circumference; 7.5 meters)	1,400.00	2,800.00	CF
2	1	pc	Digital weighing scale, 500g capacity, portable	1,800.00	1,800.00	HORTI
OVER ALL TOTAL					731,023.00	