

Item	Description	Qty	Unit	Rate			Amount			Total Amount
				Supply	Taxes	Plantation	Supply	Taxes	Plantation	
A	SOIL MIXES (Ref:Dwg L002)									
	Excavate for formation levels & trenches, soil filling grade with mixture as described in Specification.									
	Planting Soil (Ref:Dwg L002)									
	Planting Soil Mix: Mix topsoil with the following soil amendments and fertilizers in the following quantities:									
1	1. Tree Pits : a. 1/10 composted sewage sludge. b. 1/10 pine bark fines. c. 1/5 coarse sand. d. 3/5 topsoil.	349	CUM							
2	2. Planting Beds-Shrubs: a. 1/3 topsoil. b. 1/3 excavated soil. c. 1/6 compost. d. 1/6 coarse sand. e. Amendments required in soil analysis report.	1,286	CUM							
3	2. Planting Beds-Ground Covers: a. 1/3 topsoil. b. 1/3 excavated soil. c. 1/6 compost. d. 1/6 coarse sand. e. Amendments required in soil analysis report.	1,044	CUM							
4	2. Lawn: a. 1/3 topsoil. b. 1/3 excavated soil. c. 1/6 compost. d. 1/6 coarse sand. e. Amendments required in soil analysis report.	846	CUM							
3	3. Container Planters on Grade: a. 1/3 topsoil. b. 1/3 coarse sand. c. 1/3 compost. d. Amendments required in soil analysis report.	245	CUM							
4	Fertilizer (Ref:Dwg L003)									
	A. Bonemeal: Commercial, raw or steamed, finely ground; a minimum of 4 percent nitrogen and 10 percent phosphoric acid. B. Superphosphate: Commercial, phosphate mixture, soluble; a minimum of 20 percent available phosphoric acid. C. Commercial Fertilizer: Commercial-grade complete fertilizer of neutral character, consisting of fast- and slow-release nitrogen, 50 percent derived from natural organic sources of urea formaldehyde, phosphorous, and potassium in the following composition: 1. Composition: a. At time of planting: Nitrogen, phosphorous, potassium, and minor elements in amounts recommended in soil reports from a qualified soil-testing agency. b. During Maintenance period: Commercial fertilizer for ornamental trees, shrubs and ground cover; 10-6-4; with full range of minor elements. D. Slow-Release Fertilizer: Granular or pelleted fertilizer consisting of 50 percent water-insoluble nitrogen, phosphorus, and potassium in the following composition: 1. Composition: Nitrogen, phosphorous, and potassium in amounts recommended in soil reports from a qualified soil-testing agency.									
5	TREE AND SHRUB EXCAVATION (Ref:Dwg L003)									
5.1	A. Prepare continuous tree and shrub planting beds that encompass multiple tree and shrub planting locations. Except for tree pits, set Limits of Planting Bed no closer 10 feet from any tree planting location and no closer than 30 inches from any shrub planting location. For tree pits, site Limits at the edge of adjacent paving or structure. Turn and amend existing soil within the Limits to a minimum depth of 18 inches throughout. 1. Planting in and/or near a Tree Protection Zone: a. Refer to Division 02 Section Tree Protection and Trimming for excavation restrictions and tree protection requirements. b. Reduce Limits of Planting Bed to 3 times the radius of each rootball. 2. Obstructions: Notify Architect if unexpected rock or obstructions detrimental to trees or shrubs are encountered in excavations. a. Hardpan Layer: Drill 6-inch- (150-mm-) diameter holes 5 feet (1.5 m) on center into free-draining strata or to a depth of 10 feet (3 m), whichever is less, and backfill with free-draining material.									
5.2	B. Excavation: 1. Excavate circular pits with sides sloped inward. Trim base leaving center area raised slightly to support root ball and assist in drainage. Do not further disturb base. Scarify sides of plant pit smeared or smoothed during excavation. a. Excavate approximately one and one half times as wide as ball diameter for balled and burlapped, container-grown, and fabric bag-grown stock. b. Excavate at least 6 inches (150 mm) wider than root spread and deep enough to accommodate vertical roots for bare-root stock. 2. If subdrainage pipe is shown or required under planted areas, excavate to top of porous backfill. Do not damage fabric barrier(s). 3. Subsoil removed from excavations may be used as backfill. C. Drainage: Notify Architect if subsoil conditions evidence unexpected water seepage or retention in tree or shrub pits. D. Percolation test: Where no planting subdrainage system is indicated, immediately following rough grading and prior to planting, identify a typical planting location and excavate a tree pit. Fill with water to a depth of 12 inches. Report length of time for water to percolate completely into the soil. Within 6 hours, in the presence of the Architect, again fill the pit with water to a depth of 12 inches. If water does not completely percolate within 9 hours, submit a proposal for drainage system or soil penetrant. Do not proceed with planting until a determination is made by the Architect.	1,277	Cum							

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					Supply	Taxes	Plantation	Supply	Taxes	Plantation	
		Sub Total A									
B		TREES									
1	AI	Azardica Indica minimum 3 meter height, balled and burlapped, multi-stem with min 3 and max 5 stems. matching and specimen quality (Ref: L003)	26	Nos							
2	BM	Butea Monosperma minimum 3 meter height, balled and burlapped, multi-stem with min 3 and max 5 stems. matching and specimen quality (Ref: L003)	20	Nos							
3	BP	Bahuinia Purpurea minimum 3 meter height, balled and burlap ped, multi-stem with min 3 and max 5 stems. matching and specimen quality (Ref: L003)	22	Nos							
4	CF	Cassia fistula minimum 3 meter height, balled and burlapped, multi-stem with min 3 and max 5 stems. matching and specimen quality (Ref: L003)	19	Nos							
5	CP	Ceiba Pentandra minimum 3 meter height, balled and burlapped, multi-stem with min 3 and max 5 stems. matching and specimen quality (Ref: L003)	8	Nos							
6	EI	Erithrina Indica minimum 3 meter height, balled and burlapped, multi-stem with min 3 and max 5 stems. matching and specimen quality (Ref: L003)	31	Nos							
7	FB	Ficus Benghalensis minimum 3 meter height, balled and burlap ped, multi-stem with min 3 and max 5 stems. matching and specimen quality (Ref: L003)	1	Nos							
8	FE	Ficus elastica minimum 3 meter height, balled and burlapped, multi-stem with min 3 and max 5 stems. matching and specimen quality (Ref: L003)	4	Nos							
9	PA	Plumeria alba minimum 3 meter height, balled and burlapped, multi-stem with min 3 and max 5 stems. matching and specimen quality (Ref:L003)	69	Nos							
10	SA	Saraca asok minimum 3 meter height, balled and burlapped, multi-stem with min 3 and max 5 stems. matching and specimen quality (Ref:L003)	19	Nos							
11	TC	Terminalia catappa minimum 3 meter height, balled and burlapped, multi-stem with min 3 and max 5 stems. matching and specimen quality (Ref:L003)	10	Nos							
12	TR	Tabebuia Rosea minimum 3 meter height, balled and burlapped, multi-stem with min 3 and max 5 stems. matching and specimen quality (Ref:L003)	15	Nos							
		Sub Total B	244	Nos							
C		SUPPLY & PLANTING OF PALMS									
1	PP	Borassus flabelifer min 4 meter height balled and burlapped, matching specimens quality (Ref:L003)	59	Nos							
2	WB	Wodyetia bifurcata min 3meter height balled and burlapped, matching speciment quality(Ref:L003)	12	Nos							
		Sub Total C	71								
D		SUPPLY & PLANTING OF SHRUBS									
1	AC	Aglaonema commutatum 300 (H) X 300 (W) full dense to ground (Ref: L003)	426	Nos							
2	AD	Adeniym 300 (H) X 400 (W) full dense to ground (Ref: L003)	51	Nos							
3	AH	Acalypha hispida 1000 (H) X 1500 (W) full dense to ground (Ref:L003)	417	Nos							
4	AL	Allocasia 1500 (H) X 1500 (W) full dense to ground (Ref:L003)	238	Nos							
5	AN	Allamanda neriifolia 5000 (H) X 2500 (W) full dense to ground (Ref:L003)	1616	Nos							
6	AP	Alpinia purpurata 800 (H) X 1500 (W) full dense to ground (Ref:L003)	426	Nos							
7	CG	Canna generalis 4500 (H) X 4500 (W) full dense to ground (Ref:L003)	873	Nos							
8	DP	Duranta repens variegata 700 (H) X 600 (W) full dense to ground (Ref: L003)	456	Nos							
9	EL	Euphorbia leucocephala 700 (H) X 600 (W) full dense to ground (Ref:L003)	75	Nos							
10	GJ	Gardenia jasmininoides 4000 (H) X 4000 (W) full dense to ground (Ref:L003)	545	Nos							

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					Supply	Taxes	Plantation	Supply	Taxes	Plantation	
11	HP	Hamelia patens 4000(H) X 2500(W) full dense to ground (Ref:L003)	896	Nos							
12	HR	Heliconia rostrata 600 (H) X 600 (W) full dense to ground (Ref:L003)	859	Nos							
13	ID	Ixora duffy red 1500 (H) X 1500(W) full dense to ground (Ref:L003)	1336	Nos							
14	MP	Murraya paniculata 1000 (H) X 1000 (W) full dense to ground (Ref:L003)	969	Nos							
15	NO	Nerium oleander 'album' 3000 (H) X 2500 (W) full dense to ground (Ref:L003)	542	Nos							
16	PA	Plumbago auriculata 900 (H) X 900 (W) full dense to ground (Ref:L003)	537	Nos							
17	PR	Pseuderanthemum reticulatum 2000 (H) X 2000 (W) full dense to ground (Ref:Dwg L009)	2388	Nos							
18	PX	Philodendron xanadu 600 (H) X 600 (W) full dense to ground (Ref: L003)	173	Nos							
19	RJ	Russelia juncea 600 (H) X 600 (W) full dense to ground (Ref:L003)	471	Nos							
20	ST	Sansevieria trifasciata 'laurentii' 600 (H) X 600 (W) full dense to ground (Ref:L003)	1507	Nos							
21	SC	Spathiphyllum clevelandii 600 (H) X 600 (W) full dense to ground (Ref:L003)	558	Nos							
22	SA	Schefflera arboricola 'variegata' 600 (H) X 600 (W) full dense to ground (Ref:L003)	133	Nos							
23	TB	Tabernaemontana coronaria 600 (H) X 600 (W) full dense to ground (Ref:L003)	489	Nos							
24	TC	Tecomaria capensis 600 (H) X 600 (W) full dense to ground (Ref:L003)	2000	Nos							
25	BV	Bambusa vulgaris 600(h) x 600(w) full dense to ground	233	Nos							
		Sub Total D	18,214	Nos							
E		SUPPLY & PLANTING OF GROUND COVERS / LILY									
1	AB	Alternanthera bettzickiana 'variegata' 300 (H) X 300 (W) full dense to ground (Ref:L003)	10619	Nos							
2	AV	Alternanthera dentata versicolor 300 (H) X 300 (W) full dense to ground (Ref:L003)	6966	Nos							
3	AA	Angelonia angustifolia 300 (H) X 300 (W) full dense to ground (Ref:L003)	6056	Nos							
4	WT	Wedelia trilobata 300 (H) X 300 (W) full dense to ground (Ref:L003)	20352	Nos							
5	LT	Rhoeo spathacea 'compacta' 300 (H) X 300 (W) full dense to ground (Ref:L003)	9369	Nos							
6	RP	Setcreasea purpurea 300 (H) X 300 (W) full dense to ground (Ref:L003)	7210	Nos							
7	LM	Liriope muscari 300 (H) X 300 (W) full dense to ground (Ref:L003)	8478	Nos							
		Sub Total E	69,050	Nos							
F		SUPPLY & PLANTING OF GRASSES									
1	LA	Lawn (Sod/ For carpet effect) (Ref:L003)	1683	Sqm							
		Sub Total F	1,683	Sqm							