

Item No.	Description of Items	DSR Hort 2020 Code No. /Ref or NS	Quantity	Unit	Rate (Rs)	Total (Rs)
	SCHEDULE OF ITEMS FOR HORTICULTURE AND IRRIGATION WORKS					
	I. Intense landscape					
1	Clearing including uprooting of unwanted vegetation, grass, brushwood, trees and saplings of girth up to 30 cm measured at a height of 1m above ground level and removal of rubbish up to all leads & lifts as per direction of officer-in-charge.	2.31	99500	Sqm	₹ 12.25	₹ 12,18,875.00
2	Anti termite treatment of lawn area through premise 30.50% I P. one liter premise diluted in 499 liters water and applying solution @ 1.00 litre solution per sqm lawn or bed area.(two application) i/c cost of chemical)and as per direction of officer-in-charge.and as per direction of officer-in-charge.	2.56	99500	sqm	₹ 7.55	₹ 7,51,225.00
3	Carriage of Material- Good earth by mechanical transport including loading,unloading and stacking - Lead upto 2 km complete (pl see Remarks column also against the DSR horticulture works 2020)	1.1.2	32500	Cum	₹ 180.15	₹ 58,54,875.00
4	Supplying and stacking of well decayed cattle manure at site including royalty and carriage upto 5km leads and lift complete(cattle manure measured in stacks will reduced by 8% for Payment).	2.25	9500	cum	₹ 247.50	₹ 23,51,250.00
5	Trenching in ordinary soil up to a depth of 60 cm including removal and stacking of serviceable materials and then disposing of surplus soil, by spreading and neatly levelling within a lead of 50 m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge or / and manure before and after flooding trench with water (excluding cost of imported earth, sludge or manure).	2.1	45000	cum	₹ 78.10	₹ 35,14,500.00
6	Rough dressing the trenched ground including breaking clods.	2.5	99500	Sqm	₹ 1.50	₹ 1,49,250.00
7	Uprooting weeds from the trenched area after 10 to 15 days of its flooding with water including disposal of uprooted vegetation.	2.6	195000	Sqm	₹ 4.90	₹ 9,55,500.00
8	Fine dressing of the ground.	2.7	99500	Sqm	₹ 3.70	₹ 3,68,150.00
9	Spreading of sludge, dump manure and/or good earth in required thickness as per direction of officer-in-charge (cost of sludge, dump manure and/ or good earth to be paid separately) - by mechanical means	NS	42000	cum	₹ 75.00	₹ 31,50,000.00
10	Mixing earth and sludge or manure in the required proportion specified or directed by the Officer-in-charge - By mechanical Means	NS	42000	cum	₹ 60.00	₹ 25,20,000.00
11	Supplying & Stacking of Selection No.1 grass at site fresh & free from weeds having proper roots in green including loading, unloading, carriage and all taxes paid etc.and as per direction of officer in charge.	2.35	20000	Sqm	₹ 50.80	₹ 10,16,000.00
12	Grassing with selection No. 1 grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the grass and good earth shall be paid for separately).In rows 5 cm apart in both directions	2.10.1	20000	Sqm	₹ 17.70	₹ 3,54,000.00
13	Preparation of beds for hedging and shrubbery by excavating 60 cm deep and trenching the excavated base to a further depth of 30 cm, refilling the excavated earth after breaking clods and mixing with sludge or manure in the ratio of 8:1 (8 parts of stacked volume of earth after reduction by 20% : one part of stacked volume of sludge or manure after reduction by 8%), flooding with water, filling with earth if necessary, watering and finally fine dressing, levelling etc. including stacking and disposal of materials declared unserviceable and surplus earth by spreading and levelling as directed, within a lead of 50 m, lift up to 1.5 m complete (cost of sludge, manure or extra earth to be paid for separately)	2.13	15000	cum	₹ 222.85	₹ 33,42,750.00
14	Providing and stacking of <i>Ficus panda</i> of height 60-90 cm, with 8-10 branches, and healthy foliage, bushy in big size HDPE bag as per direction of the officer-in-charge.	8.27	20000	each	₹ 180.00	₹ 36,00,000.00
15	Providing and stacking of Bougainvillea (Variety Butiana, Lady Mary Baring, Mahara,Mohan,Scarlet Queen, Variegated, Glabra Formosa, Peruviana Odissi, Paratha, Subhra,Thimma, Spectabilis L.N Birla, Refulgens) of height 30 to 45 cm. with 2-3 branches in 20 cm size of polybag & as per direction of the officer-in-charge.	NS	40000	each	₹ 35.00	₹ 14,00,000.00
16	Providing and stacking of Duranta Golden, having ht.15 to 20 cm bushy shape with fresh and healthy leaves in 15 cm size of Earthen Pot / Plastic Pot & as per direction of the officer-in-charge..	6.12	40000	each	₹ 20.00	₹ 8,00,000.00
17	Providing and stacking of Clerodendrum inerm of ht. 20 cm to 30 cm multi branched in 15 cm size of poly bag & as per direction of the officer in charge.	NS	40000	each	₹ 17.00	₹ 6,80,000.00
18	Providing and stacking of <i>Putranjiva roxburghii</i> of ht. 60-75 cm in bag of size 20 cm as per direction of the officer-in-charge.	8.57	35000	each	₹ 30.00	₹ 10,50,000.00
19	Providing and stacking of <i>Cestrum nocturnum</i> (Raat ki Rani) of height 60-75 cm. with 4-5 branches in bag of size 25 cm as per direction of the officer-in-charge.	8.13	300	each	₹ 40.00	₹ 12,000.00
20	Providing and stacking of Chandni dwarf of height 15-20 cm., well branched in earthen pots of size 20 cm as per direction of the officer-in-charge. s per direction of the officer-in-charge.	8.14	200	each	₹ 35.00	₹ 7,000.00
21	Providing and stacking of <i>Ficus blackii</i> (F.vivion) of height 45-60 cm. with 6- 8 branches healthy foliage in earthen pots of size 25 cm as per direction of the officer-in-charge.	8.22	200	each	₹ 110.00	₹ 22,000.00
22	Providing and stacking of <i>Hamelia patens</i> of height 90-105 cm. bushy in big size HDPE bags as per direction of the officer-in-charge.	8.33	200	each	₹ 100.00	₹ 20,000.00
23	Providing and stacking of Hibiscus variegated of height 60-75 cm. with 8- 10 branches and healthy variegated foliage in poly bags of size 35 cm as per direction of the officer-in-charge.	NS	300	each	₹ 110.00	₹ 33,000.00
24	Providing and stacking of <i>Tecoma gaudichaudi</i> of height 45-60 cm. in earthen pots of size 20 cm as per direction of the officer-in-charge.	8.67	100	each	₹ 35.00	₹ 3,500.00
25	Providing and stacking of <i>Tabernaemontana coronaria</i> (Chandni single) of height 90-105 cm.,bushy in big size HDPE bag as per direction of the officer-in-charge.	8.60	300	each	₹ 80.00	₹ 24,000.00
26	Providing and stacking of <i>Clerodendrum chinensis</i> of height 60-80 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	NS	300	each	₹ 70.00	₹ 21,000.00
27	Providing and stacking of <i>Nerium oleander</i> (kaner) of height 60-75 cm. with 5-6 branches in poly bags of size 25 cm as per direction of the officer-in-charge.	8.50	15000	each	₹ 40.00	₹ 6,00,000.00
28	Providing and stacking of Alpinia Variegated (three in one) having ht. 30 cm and above, with fresh and healthy variegated foliage in 25 cm size of polybag & as per direction of the officer-in-charge.	NS	15000	each	₹ 106.00	₹ 15,90,000.00
29	Providing and stacking of Hibiscus rosinensis of height 90-105 cm., bushy in big size HDPE bag as per direction of the officer-in-charge. E	8.37	15000	each	₹ 90.00	₹ 13,50,000.00

30	Providing and stacking of <i>Alternanthera species</i> of height 15 cm to 20 cm, full of branches and foliage in 20 cm size of polybag & as per direction of the officer-in-charge.	6.2	20000	each	₹ 20.00	₹ 4,00,000.00
31	Providing and stacking of <i>Asparagus sprengeri</i> of height 15 cm to 20 cm, full of leafy branches in 20 cm size polybag & as per direction of the officer-in-charge..	6.4	15000	each	₹ 20.00	₹ 3,00,000.00
32	Providing and stacking of <i>Chlorophytum-variegated</i> , full of leafy suckers in 15 cm size of Earthen Pot / Plastic Pot & as per direction of the officer-in-charge.	6.9	15000	each	₹ 20.00	₹ 3,00,000.00
33	Providing and stacking of <i>Juniperus prostrata</i> with 5 to 6 lateral branches and green foliage in 20 cm size of Earthen Pot/Plastic Pot & as per direction of the officer incharge.	NS	10000	each	₹ 22.00	₹ 2,20,000.00
34	Providing and Displaying Bamboo Buddha valley with fresh & healthy 3 to 4 suckers having 75 to 90 cm ht. in 25 cm size polybag as per direction of the officer-in-charge.	5.7	1500	each	₹ 440.00	₹ 6,60,000.00
35	Providing and stacking of <i>Ficus panda</i> of height 90-105 cm. with 10-12 branches and healthy foliage, well formed in polybag of size 30 cm as per direction of the officer-in-charge.	NS	100	each	₹ 150.00	₹ 15,000.00
36	Providing and Displaying <i>Ficus Starlight</i> with fresh, healthy and attractive foliage 45 to 60 cm spread 75 to 90 cm ht., specimen bushy ,in 35 cm polybag as per direction of the officer-in-charge.	5.28	200	each	₹ 800.00	₹ 1,60,000.00
37	Providing and stacking of <i>Jasmine grandiflorum</i> (chameli) of height 45 cm to 60 cm. in 20 cm size of polybag & as per direction of the officer-in-charge.	9.8	1500	each	₹ 30.00	₹ 45,000.00
38	Providing and stacking of <i>Quisqualis indica</i> of height 30 cm to 45 cm. in 20 cm size of Earthen pots / Plastic pots & as per direction of the officer-in-charge.	9.12	1500	each	₹ 25.00	₹ 37,500.00
39	Providing and stacking of <i>Allamanda cathartica</i> of height 30 cm to 45 cm. in 20 cm size of Earthen pots / Plastic pots & as per direction of the officer-in-charge.	9.10	2500	each	₹ 50.00	₹ 1,25,000.00
40	Providing and stacking of <i>Allamanda violacea</i> of height 30 cm to 45 cm. in poly bag of size 20 cm as per direction of the officer-in-charge.	9.2	500	each	₹ 45.00	₹ 22,500.00
41	Providing and stacking of <i>Bignonia venusta</i> (Golden shower) of height 30 cm to 45 cm. in 20 cm size of Earthen pots / Plastic pots & as per direction of the officer-in-charge.	9.30	2500	each	₹ 40.00	₹ 1,00,000.00
42	Providing and Displaying <i>Cycus revoluta</i> in 35 cm challi, specimen , having 30 to 40 with fresh and healthy, leaves having 25cm to 30cm circumference of base stem well developed as per direction of the officer-in-charge.	5.14	700	each	₹ 1,183.90	₹ 8,28,730.00
43	Providing and stacking of <i>Vernonia elaeagnifolia</i> (curtain creeper) plant of height 30 cm to 45 cm. in 20 cm size of poly bag & as per direction of the officer-in-charge.	NS	2000	each	₹ 15.00	₹ 30,000.00
44	Providing and displaying of <i>Areca Palm</i> plant, having ht. 1.20 m to 1.50 m with 5 to 6 suckers, well developed, fresh and healthy with lush green foliage in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	3.19	50	each	₹ 169.15	₹ 8,457.50
45	Providing and Displaying Golden Bottle brush Topiary well developed with fresh & healthy foliage 5 to 6 big ball 115 to 180 cm ht in 40 cm Cement Pot as per direction of the officer-in-charge.	5.33	20	each	₹ 973.75	₹ 19,475.00
46	Providing and Displaying Foxtail palm well developed with fresh & healthy foliage of ht. 210 to 240 cm in big 40 cm Cement Pot as per direction of the officer-in-charge.	5.30	40	each	₹ 1,183.90	₹ 47,356.00
47	Providing and Displaying <i>Ficus retusa</i> topiary well developed with fresh & healthy 5 to 6 big ball specific size and shape 180 to 210cm ht in 40 cm poly bag as per direction of the officer-in-charge.	NS	20	each	₹ 2,000.00	₹ 40,000.00
48	Providing and Displaying <i>Ficus reginold</i> pillar type Topiary well developed with fresh & healthy 210 to 240 cm ht in 40 cm Cement Pot as per direction of the officer-in-charge.	5.26	20	each	₹ 2,460.00	₹ 49,200.00
49	Providing and Displaying Topiary of <i>Casuarina</i> fresh & healthy having 5 to 6 specific shape and size ball well developed 195 to 210 cm ht. in 40 cm poly bag as per direction of the officer-in-charge.	NS	20	each	₹ 900.00	₹ 18,000.00
50	Providing and Displaying <i>Ficus black vivilon</i> pillar topiary (cylinder type) well developed with fresh & healthy 180 to 210 cm ht in 40 cm polybag as per direction of the officer-in-charge.	NS	20	each	₹ 1,900.00	₹ 38,000.00
51	Providing and stacking of plant <i>Canna dwarf</i> of height 25 to 30 cm., 2 to 3 suckers in earthen pots of size 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	4.89	200	each	₹ 35.90	₹ 7,180.00
52	Providing and Displaying Bird of paradise well developed with fresh & healthy 90 to 120 cm ht in 30 cm Earthen Pot/ Plastic Pot as per direction of the officer-in-charge.	5.10	200	each	₹ 389.50	₹ 77,900.00
53	Providing and stacking of <i>Plumeria alba</i> dwarf dwarf of height 90-105 cm. with 3-4 branches and thick stem in big size HDPE bags as per direction of the officer-in-charge.	7.71	75	each	₹ 750.00	₹ 56,250.00
54	Providing and stacking of <i>Plumeria rubra</i> of height 120-150 cm. with 3-4 branches and thick stem in big size HDPE bags as per direction of the officer-in-charge.	7.72	75	each	₹ 400.00	₹ 30,000.00
55	Providing and stacking of <i>Erythrina indica</i> of height 150-165 cm. in big polybag of size 25 cm as per direction of the officer-in-charge.	7.25	75	each	₹ 65.00	₹ 650.00
56	Providing and stacking of <i>Nyctanthes arbor-tristis</i> (Hasingar) of ht. 90-105 cm in poly bags of size 20 cm as per direction of the officer-in-charge.	NS	75	each	₹ 30.00	₹ 400.00
57	Providing and stacking of <i>Tabernaemontana divaricata</i> (Chandni double) of height 90-105 cm., bushy in big size HDPE bag as per direction of the officer-in-charge.	8.66	300	each	₹ 90.00	₹ 27,000.00
58	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any, with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately) Holes 45 cm dia, and 45 cm deep.	2.14.4	2500	each	₹ 18.70	₹ 46,750.00
	60cm dia, 60 cm deep	2.14.3	200	each	₹ 43.75	₹ 8,750.00
	90 cm dia ,90 cm dia	2.14.2	500	each	₹ 143.10	₹ 71,550.00
58	Providing and stacking of <i>Nauclea cadamba</i> (Kadam) of height 150-165 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	7.60	200	each	₹ 65.00	₹ 13,000.00
59	Providing and stacking of <i>Calamondin citus</i> (China Hajara) of height 120-135 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	NS	200	each	₹ 250.00	₹ 50,000.00
60	Providing and stacking of <i>Delonix regia</i> (Gulmohar) of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	7.24	200	each	₹ 60.00	₹ 12,000.00
61	Providing and stacking of <i>Lagerstroemia flosreginae</i> of height 150-165 cm.in big poly bag of size 25 cm as per direction of the officer-in-charge.	7.50	200	each	₹ 120.00	₹ 24,000.00
62	Providing and stacking of <i>Azadirachta indica</i> (Neem) of height 120-130cm in big polybag of size 25 cm as per direction of the officer-in-charge. E	7.5	200	each	₹ 65.00	₹ 13,000.00

63	Providing and stacking of Cassia fistula (Amaltash) of height 120-135 cm.in big poly bag of size 25 cm as per direction of the officer-in-charge.	7.16	200	each	₹ 65.00	₹ 13,000.00
64	Plantation of Trees, Shrubs, and Hedge at site i/c watering and removal of unserviceable material's as per direction of officer in charge (excluding cast of plant & water)	2.57				
a)	trees plant	2.57.1	2500	each	₹ 7.30	₹ 18,250.00
b)	shrubs plant	2.57.2	45000	each	₹ 3.65	₹ 1,64,250.00
c)	Hedge plant/Ground cover	2.57.2	250000	each	₹ 2.45	₹ 6,12,500.00
65	Providing and Displaying Standard Rose (H.T. variety) 3 to 4 healthy branch 90 cm and above ht. well developed with one and above flowers in 25 cm Earthen Pot, as per direction of the officer-in-charge.	4.93	400	each	₹ 150.70	₹ 60,280.00
66	Providing and stacking of plant Mogra of height 25 to 30 cm., 2 to 3 branch in earthen pots of size 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	4.88	400	each	₹ 46.15	₹ 18,460.00
67	Providing and stacking of Calamondin citus (China Hajara) of height 120-135 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	NS	150	each	₹ 250.00	₹ 37,500.00
68	Providing and stacking of <i>Phyllanthus emblica</i> (Amla Var. Chakaiya / NA 6) of height 60-100 cm. in Big HDPE Bag as per direction of the officer-in-charge.	NS	250	each	₹ 150.00	₹ 37,500.00
69	Providing and stacking of <i>Artocarpus heterophyllus</i> (Jackfruit) of height 60-90 cm. in Big HDPE Bag as per direction of the officer-in-charge.	NS	250	each	₹ 450.00	₹ 1,12,500.00
70	Providing and stacking of <i>Mangifera indica</i> (Mango-grafted Var.jardalu,Surya,lalima) of height 60-75 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	NS	400	each	₹ 350.00	₹ 1,40,000.00
71	Providing and stacking of <i>Psidium Guajava</i> (Guava-grafted /layered Var.L49,Thai,G-Vilas) of height 60-75 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	NS	400	each	₹ 250.00	₹ 1,00,000.00
72	Providing and stacking of Acid lime of height 60-75 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	NS	400	each	₹ 250.00	₹ 1,00,000.00
73	Providing and stacking of <i>Polyalthia longifolia</i> (Ashok) of height 180-195 cm. in gunny bag of size 30 cm as per direction of the officer-in-charge.	7.75	150	each	₹ 100.00	₹ 15,000.00
75	Providing and stacking of <i>Bassia latifolia</i> (Mahua) of height 90-105 cm. in big polybag of size 25 cm as per direction of the officer-in-charge.	7.6	60	each	₹ 65.00	₹ 3,900.00
76	Providing and stacking of <i>Michelia champa</i> (Golden Champa) of height 90- 105 cm. in earthen pots of size 25 cm as per direction of the officer-in-charge.	7.55	75	each	₹ 90.00	₹ 6,750.00
77	Preparation of mounds of various size and shape by available excavated / supplied earth in layers not exceeding 20 cm in depth, breaking clods, watering of each layer, ressing etc., lead upto 50 meter and lift upto 1.5 m complete as per direction of Officer-in-charge.	2.28	2400	cum	₹ 456.35	₹ 10,95,240.00
	II - Woodland landscape					
1	Clearing including uprooting of unwanted vegetation, grass, brushwood, trees and saplings of girth up to 30 cm measured at a height of 1m above ground level and removal of rubbish up to all leads & lifts as per direction of officer-in-charge.	2.31	40000	Sqm	₹ 12.25	₹ 4,90,000.00
2	Anti termite treatment of lawn area through premise 30.50% I P. one liter premise diluted in 499 liters water and applying solution @ 1.00 litre solution per sqm lawn or bed area.(two application) i/c cost of chemical)and as per direction of officer-in-charge.and as per direction of officer-in-charge.	2.56	40000	sqm	₹ 7.55	₹ 3,02,000.00
3	Carriage of Material- Good earth by mechanical transport including loading,unloading and stacking - Lead upto 2 km complete (pl see Remarks column also against the DSR horticulture works 2020)	1.1.2	12000	Cum	₹ 180.15	₹ 21,61,800.00
4	Supplying and stacking of well decayed cattle manure at site including royalty and carriage upto 5km leads and lift complete(cattle manure measured in stacks will reduced by 8% for Payment).	2.25	3800	cum	₹ 247.50	₹ 9,40,500.00
5	Trenching in ordinary soil up to a depth of 60 cm including removal and stacking of serviceable materials and then disposing of surplus soil, by spreading and neatly levelling within a lead of 50 m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge or / and manure before and after flooding trench with water (excluding cost of imported earth, sludge or manure).	2.1	18000	cum	₹ 78.10	₹ 14,05,800.00
6	Rough dressing the trenched ground including breaking clods.	2.5	40000	Sqm	₹ 1.50	₹ 60,000.00
7	Uprooting weeds from the trenched area after 10 to 15 days of its flooding with water including disposal of uprooted vegetation.	2.6	78000	Sqm	₹ 4.90	₹ 3,82,200.00
8	Fine dressing of the ground.	2.7	40000	Sqm	₹ 3.70	₹ 1,48,000.00
9	Spreading of sludge, dump manure and/or good earth in required thickness as per direction of officer-in-charge (cost of sludge, dump manure and/ or good earth to be paid separately) - by mechanical means	NS	15800	cum	₹ 80.00	₹ 12,64,000.00
10	Mixing earth and sludge or manure in the required proportion specified or directed by the Officer-in-charge - By mechanical Means	NS	15800	cum	₹ 67.00	₹ 10,58,600.00
11	Supplying & Stacking of Selection No.1 grass at site fresh & free from weeds having proper roots in green including loading, unloading, carriage and all taxes paid etc.and as per direction of officer in charge.	2.35	8000	Sqm	₹ 50.80	₹ 4,06,400.00
12	Grassing with selection No. 1 grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the grass and good earth shall be paid for separately).In rows 5 cm apart in both directions	2.10.1	8000	Sqm	₹ 17.70	₹ 1,41,600.00
13	Preparation of beds for hedging and shrubbery by excavating 60 cm deep and trenching the excavated base to a further depth of 30 cm, refilling the excavated earth after breaking clods and mixing with sludge or manure in the ratio of 8:1 (8 parts of stacked volume of earth after reduction by 20% : one part of stacked volume of sludge or manure after reduction by 8%), flooding with water, filling with earth if necessary, watering and finally fine dressing, levelling etc. including stacking and disposal of materials declared unserviceable and surplus earth by spreading and levelling as directed, within a lead of 50 m, lift up to 1.5 m complete (cost of sludge, manure or extra earth to be paid for separately)	2.13	6000	cum	₹ 222.85	₹ 13,37,100.00
14	Providing and stacking of Bougainvillea (Variety Butiana, Lady Mary Baring, Mahara,Mohan,Scarlet Queen, Variegated, Glabra Formosa, Peruviana Odissi, Paratha, Subhra,Thimma, Spectabilis L.N Birla, Refulgens) of height 30 to 45 cm. with 2-3 branches in 20 cm size of polybag & as per direction of the officer-in-charge.	NS	18000	each	₹ 35.00	₹ 6,30,000.00
15	Providing and stacking of Duranta Golden, having ht.15 to 20 cm bushy shape with fresh and healthy leaves in 15 cm size of Earthen Pot / Plastic Pot & as per direction of the officer-in-charge..	6.12	18000	each	₹ 20.00	₹ 3,60,000.00
16	Providing and stacking of Clerodendrum inerm of ht. 20 cm to 30 cm multi branched in 15 cm size of poly bag & as per direction of the officer in charge.	NS	18000	each	₹ 17.00	₹ 3,06,000.00
17	Providing and stacking of <i>Putranjiva roxburghii</i> of ht. 60-75 cm in bag of size 20 cm as per direction of the officer-in-charge.	8.57	18000	each	₹ 30.00	₹ 5,40,000.00

18	Preparation of mounds of various size and shape by available excavated / supplied earth in layers not exceeding 20 cm in depth, breaking clods, watering of each layer, ressing etc., lead upto 50 meter and lift upto 1.5 m complete as per direction of Officer-in-charge.	2.28	2500	cum	₹ 456.35	₹ 11,40,875.00
19	Plantation of Trees, Shrubs, and Hedge at site i/c watering and removal of unserviceable material's as per direction of officer in charge (excluding cost of plant & water)	2.57				
a)	trees plant	2.57.1	21000	each	₹ 7.30	₹ 1,53,300.00
b)	shrubs plant	2.57.2	45000	each	₹ 3.65	₹ 1,64,250.00
c)	Hedge plant/Ground cover	2.57.2	130000	each	₹ 2.45	₹ 3,18,500.00
20	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any, with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately) Holes 45 cm dia, and 45 cm deep.	2.14.4	1000	each	₹ 18.70	₹ 18,700.00
a)	60cm dia, 60 cm deep	2.14.3	100	each	₹ 43.75	₹ 4,375.00
b)	90 cm dia ,90cm deep	2.14.2	20000	each	₹ 143.10	₹ 28,62,000.00
21	Providing and stacking of <i>Alternanthera species</i> of height 15 cm to 20 cm, full of branches and foliage in 20 cm size of polybag & as per direction of the officer-in-charge.	6.2	20000	each	₹ 20.00	₹ 4,00,000.00
22	Providing and stacking of <i>Asparagus sprengeri</i> of height 15 cm to 20 cm, full of leafy branches in 20 cm size polybag & as per direction of the officer-in-charge..	6.4	15000	each	₹ 20.00	₹ 3,00,000.00
23	Providing and stacking of Chlorophytum-variegated, full of leafy suckers in 15 cm size of Earthen Pot / Plastic Pot & as per direction of the officer-in-charge.	6.9	15000	each	₹ 20.00	₹ 3,00,000.00
24	Providing and stacking of Juniperus prostrata with 5 to 6 latral branches and green foliage in 20 cm size of Earthen Pot/Plastic Pot & as per direction of the officer incharge.	NS	10000	each	₹ 22.00	₹ 2,20,000.00
25	Providing and stacking of <i>Nerium oleander</i> (kaner) of height 60-75 cm. with 5-6 branches in poly bags of size 25 cm as per direction of the officer-in-charge.	8.50	15000	each	₹ 40.00	₹ 6,00,000.00
26	Providing and stacking of Alpinia Variegated (three in one) having ht. 30 cm and above, with fresh and healthy variegated foliage in 25 cm size of polybag & as per direction of the officer-in-charge.	NS	15000	each	₹ 106.00	₹ 15,90,000.00
27	Providing and stacking of Hibiscus rosasinensis of height 90-105 cm., bushy in big size HDPE bag as per direction of the officer-in-charge.	8.37	15000	each	₹ 90.00	₹ 13,50,000.00
28	Providing and Displaying Acalypha Different colour well developed, fresh & healthy with good foliage, multi branch 30 to 45 cm ht. in 20 cm size of Earthen Pot/ Plastic Pot bushy as per direction of the officer-in-charge.	5.10	300	each	₹ 35.90	₹ 10,770.00
29	Creeper Rose variety 3 to 4 healthy branch 60 cm and above ht. well developed with one and above flowers in 25 cm Earthen Pot,	4.92	500	each	₹ 75.85	₹ 37,925.00
30	Providing and stacking <i>Jasmine grandiflorum</i> (chamelil) of height 30 cm to 45 cm. in 20 cm size of Earthen pots / Plastic pots & as per direction of the officer-in-charge.	9.8	200	each	₹ 30.00	₹ 6,000.00
31	Providing and Displaying of Standard Rose (H.T. variety) 3 to 4 healthy branch 90 cm and above ht. well developed with one and above flowers in 25 cm Earthen Pot, as per direction of the officer-in-charge.	4.93	500	each	₹ 150.70	₹ 75,350.00
32	Providing and stacking of <i>Euphorbia milii</i> hybrid variety, having ht. 30 cm to 45 cm with multi branch, full bloom, fresh and healthy leaves in 20 cm size of Earthen Pot / Plastic Pot & as per direction of the officer-in-charge..	6.13	100	each	₹ 71.75	₹ 7,175.00
33	Providing and stacking of plant Canna dwarf of height 25 to 30 cm., 2 to 3 suckers in earthen pots of size 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	4.89	200	each	₹ 35.90	₹ 7,180.00
38	Providing and Displaying Travelers palm well developed with fresh & healthy foliage 120 to 150 cm ht. in 35 cm Cement Pot as per direction of the officer-in-charge.	5.42	200	each	₹ 484.85	₹ 96,970.00
39	Providing and Displaying Ficus black vivilion piller topiary (sylander type) well developed with fresh & healthy 180 to 210 cm ht in 40 cm Cement Pot as per direction of the fficer-in-charge.	5.20	50	each	₹ 2,050.00	₹ 1,02,500.00
40	Providing and Displaying Ficus Nuda topiary well developed with fresh & healthy 5 to 6 big ball specific size and shape 180to 210cm ht in 40 cm Cement Pot as per direction of the officer-in-charge.	5.22	50	each	₹ 2,593.25	₹ 1,29,662.50
41	Providing and Displaying <i>Ficus Retusa</i> topiary well developed with fresh & healthy 5 to 6 big ball specific size and shape 180 to 210cm ht in 40 cm Cement Pot as per direction of the officer-in-charge.	5.24	50	each	₹ 2,152.50	₹ 1,07,625.00
42	Providing and Displaying Ficus reginold piller type Topiary well developed with fresh & healthy 210 to 240 cm ht in 40 cm Cement Pot as per direction of the officer-in-charge.	5.26	50	each	₹ 2,460.00	₹ 1,23,000.00
43	Providing and Displaying Furcaria Variegated hybrid well developed with fresh & healthy foliage 20 and above attractive leaves in 35 cm Cement Pot as per direction of the fficer-in-charge.	5.32	100	each	₹ 451.00	₹ 45,100.00
44	Providing and Displaying Golden Bottle brush Topiary well developed with fresh & healthy foliage 5 to 6 big ball 115 to 180 cm ht in 40 cm Cement Pot as per direction of the officer-in-charge.	5.33	100	each	₹ 973.75	₹ 97,375.00
45	Providing and Displaying Travelers palm well developed with fresh & healthy leaves foliage 210 to 240 cm ht specimen plant in 40 cm Cement Pot as per direction of the officer-in-charge.	5.43	100	each	₹ 973.75	₹ 97,375.00
46	Providing and Displaying Bamboo Buddha valley with fresh & healthy 3 to 4 suckers having 75 to 90 cm ht. in 25 cm size Earthen Pot/ Plastic Pot as per direction of the officer-in-charge.	5.70	300	each	₹ 461.25	₹ 1,38,375.00
47	Providing and Displaying <i>Bambusa vulgaris</i> (Yellow Bamboo) with fresh & healthy 3 to 4 suckers having 75 to 90 cm ht. in 25 cm size Earthen Pot/ Plastic Pot as per direction of the officer-in-charge.	NS	500	each	₹ 450.00	₹ 2,25,000.00
49	Providing and stacking of <i>Chukrassia tabularis</i> of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	7.22	1500	each	₹ 65.00	₹ 97,500.00
50	Providing and stacking of <i>Delonix regia</i> (Gulmohar) of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	7.24	1500	each	₹ 60.00	₹ 90,000.00
51	Providing and stacking of <i>Ficus elastica</i> Decora (Rubber) of height 45-60 cm. in earthen pots of size 25 cm as per direction of the officer-in-charge.	7.31	1000	each	₹ 65.00	₹ 65,000.00
53	Providing and stacking of <i>Mimusops elengi</i> (Maulsri) of height 180-195 cm., well developed with thick stem in big in big size HDPE bag as per direction of the officer-in-charge.	7.59	1500	each	₹ 125.00	₹ 1,87,500.00
54	Providing and stacking of <i>Nauclea cadamba</i> (Kadam) of height 150-165 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	7.60	1500	each	₹ 65.00	₹ 97,500.00

55	Providing and stacking of <i>Acacia rugata</i> (Shikakai) of height 180-195 cm., well developed with thick stem in big in big size HDPE bag as per direction of the officer-in-charge.	NS	1000	each	₹ 250.00	₹ 2,50,000.00
56	Providing and stacking of <i>Mesua ferrea</i> (Ironwood/ Nagchampa) of height 180-195 cm., well developed with thick stem in big in big size HDPE bag as per direction of the officer-in-charge.	NS	1000	each	₹ 450.00	₹ 4,50,000.00
57	Providing and stacking of <i>Cinnamomum camphora</i> (Bay leaves) of height 180-195 cm., well developed with thick stem in big in big size HDPE bag as per direction of the officer-in-charge.	NS	500	each	₹ 300.00	₹ 1,50,000.00
58	Providing and stacking of <i>Syzygium samarangensis</i> (Rose apple) of height 90-120 cm., well developed with thick stem in big in big size HDPE bag as per direction of the officer-in-charge.	NS	1000	each	₹ 300.00	₹ 3,00,000.00
59	Providing and stacking of <i>Bixa orellana</i> (Annatto) of height 90-120 cm., well developed with thick stem in big in big size HDPE bag as per direction of the officer-in-charge.	NS	500	each	₹ 250.00	₹ 1,25,000.00
60	Providing and stacking of <i>Gmelina arborea</i> (gamhur) of height 180-195 cm., well developed with thick stem in big in big size HDPE bag as per direction of the officer-in-charge.	NS	1000	each	₹ 500.00	₹ 5,00,000.00
61	Providing and stacking of <i>Morinda officinalis</i> (Indian mulberry) of height 180-195 cm., well developed with thick stem in big in big size HDPE bag as per direction of the officer-in-charge.	NS	300	each	₹ 200.00	₹ 60,000.00
62	Providing and stacking of <i>Broussonetia tootepense</i> (paper mulberry) of height 180-195 cm., well developed with thick stem in big in big size HDPE bag as per direction of the officer-in-charge.	NS	300	each	₹ 185.00	₹ 55,500.00
63	Providing and stacking of <i>Gardenia gamifera</i> (Dikamali) of height 180-195 cm., well developed with thick stem in big in big size HDPE bag as per direction of the officer-in-charge.	NS	300	each	₹ 200.00	₹ 60,000.00
64	Providing and stacking of <i>Chukrasia tabularis</i> (Indian mahogany) of height 180-195 cm., well developed with thick stem in big in big size HDPE bag as per direction of the officer-in-charge.	NS	500	each	₹ 150.00	₹ 75,000.00
65	Providing and stacking of <i>Jacaranda mimosifolia</i> of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	7.48	300	each	₹ 60.00	₹ 18,000.00
66	Providing and stacking of <i>Millingtonia hortensis</i> of height 150-165 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	7.52	300	each	₹ 70.00	₹ 21,000.00
67	Providing and stacking of <i>Terminalia arjuna</i> of height 150-165 cm. in big polybags of size 25 cm as per direction of the officer-in-charge.	7.88	300	each	₹ 60.00	₹ 18,000.00
68	Providing and stacking of <i>Aegle marmelos</i> (Bel, Belpattri) of height 150-165 cm. in big polybags of size 25 cm as per direction of the officer-in-charge.	NS	700	each	₹ 450.00	₹ 3,15,000.00
69	Providing and stacking of <i>Murraya koenigii</i> (Karipatta) of height 45-60 cm. in big polybags of size 20 cm as per direction of the officer-in-charge.	8.47	300	each	₹ 25.00	₹ 7,500.00
70	Providing and stacking of <i>Eugenia jambolana</i> (Jamun) of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	7.83	1500	each	₹ 75.00	₹ 1,12,500.00
71	Providing and stacking of <i>Cinnamomum tamala</i> (Tejpat) of height 150-165 cm. in big polybags of size 25 cm as per direction of the officer-in-charge.	NS	300	each	₹ 550.00	₹ 1,65,000.00
72	Providing and stacking of <i>Schleichera trijuga</i> (Kusum) of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	7.81	1500	each	₹ 70.00	₹ 1,05,000.00
73	Providing and stacking of <i>Cocos nucifera</i> (Coconut palm) of height 90-120 cm., well developed with thick stem ,dwarf in big size HDPE bag as per direction of the officer-in-charge.	NS	500	each	₹ 200.00	₹ 1,00,000.00
74	Providing and stacking of <i>Tectona grandis</i> (Teak) height 150-165 cm. in big polybag size 25 cm	7.87	1500	each	₹ 110.00	₹ 1,65,000.00
75	Providing and stacking of <i>Nelumbo nucifera</i> (Sacred lotus/ water lily) well developed rhizome of white, red,pink and yellow colour	NS	300	each	₹ 400.00	₹ 1,20,000.00
	III - Road landscape					
1	Clearing including uprooting of unwanted vegetation, grass, brushwood, trees and saplings of girth up to 30 cm measured at a height of 1m above ground level and removal of rubbish up to all leads & lifts as per direction of officer-in-charge.	2.31	46000	Sqm	₹ 12.25	₹ 5,63,500.00
2	Anti termite treatment of lawn area through premise 30.50% I P. one liter premise diluted in 499 liters water and applying solution @ 1.00 litre solution per sqm lawn or bed area.(two application) i/c cost of chemical)and as per direction of officer-in-charge.and as per direction of officer-in-charge.	2.56	46000	sqm	₹ 7.55	₹ 3,47,300.00
3	Carriage of Material- Good earth by mechanical transport including loading,unloading and stacking - Lead upto 2 km complete (pl see Remarks column also against the DSR horticulture works 2020)	1.1.2	4500	Cum	₹ 180.15	₹ 8,10,675.00
4	Supplying and stacking of well decayed cattle manure at site including royalty and carriage upto 5km leads and lift complete(cattle manure measured in stacks will reduced by 8% for Payment).	2.25	2000	cum	₹ 247.50	₹ 4,95,000.00
5	Trenching in ordinary soil up to a depth of 60 cm including removal and stacking of serviceable materials and then disposing of surplus soil, by spreading and neatly levelling within a lead of 50 m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge or / and manure before and after flooding trench with water (excluding cost of imported earth, sludge or manure).	2.1	6000	cum	₹ 78.10	₹ 4,68,600.00
6	Rough dressing the trenched ground including breaking clods.	2.5	46000	Sqm	₹ 1.50	₹ 69,000.00
7	Uprooting weeds from the trenched area after 10 to 15 days of its flooding with water including disposal of uprooted vegetation.	2.6	92000	Sqm	₹ 4.90	₹ 4,50,800.00
8	Fine dressing of the ground.	2.7	46000	Sqm	₹ 3.70	₹ 1,70,200.00
9	Spreading of sludge, dump manure and/or good earth in required thickness as per direction of officer-in-charge (cost of sludge, dump manure and/ or good earth to be paid separately) - by mechanical means	NS	6500	cum	₹ 80.00	₹ 5,20,000.00
10	Mixing earth and sludge or manure in the required proportion specified or directed by the Officer-in-charge - By mechanical Means	NS	6500	cum	₹ 67.00	₹ 4,35,500.00
11	Supplying & Stacking of Selection No.1 grass at site fresh & free from weeds having proper roots in green including loading, unloading, carriage and all taxes paid etc.and as per direction of officer in charge.	2.35	2000	Sqm	₹ 50.80	₹ 1,01,600.00
12	Grassing with selection No. 1 grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the grass and good earth shall be paid for separately).In rows 5 cm apart in both directions	2.10.1	2000	Sqm	₹ 17.70	₹ 35,400.00

13	Preparation of beds for hedging and shrubbery by excavating 60 cm deep and trenching the excavated base to a further depth of 30 cm, refilling the excavated earth after breaking clods and mixing with sludge or manure in the ratio of 8:1 (8 parts of stacked volume of earth after reduction by 20% : one part of stacked volume of sludge or manure after reduction by 8%), flooding with water, filling with earth if necessary, watering and finally fine dressing, levelling etc. including stacking and disposal of materials declared unserviceable and surplus earth by spreading and levelling as directed, within a lead of 50 m, lift up to 1.5 m complete (cost of sludge, manure or extra earth to be paid for separately)	2.13	5500	cum	₹ 222.85	₹ 12,25,675.00
14	Providing and stacking of <i>Ficus panda</i> of height 60-90 cm, with 8-10 branches, and healthy foliage, bushy in big size HDPE bag as per direction of the officer-in-charge.	8.27	2500	each	₹ 180.00	₹ 4,50,000.00
15	Providing and stacking of Bougainvillea (Variety Butiana, Lady Mary Baring, Mahara,Mohan,Scarlet Queen, Variegated, Glabra Formosa, Peruviana Odissi, Paratha, Subhra,Thimma, Spectabilis L.N Birla, Refulgens) of height 30 to 45 cm. with 2-3 branches in 20 cm size of polybag & as per direction of the officer-in-charge.	NS	20000	each	₹ 35.00	₹ 7,00,000.00
16	Providing and stacking of Duranta Golden, having ht.15 to 20 cm bushy shape with fresh and healthy leaves in 15 cm size of Earthen Pot / Plastic Pot & as per direction of the officer-in-charge..	6.12	20000	each	₹ 20.00	₹ 4,00,000.00
17	Providing and stacking of Clerodendrum inerme of ht. 20 cm to 30 cm multi branched in 15 cm size of poly bag & as per direction of the officer in charge.	NS	20000	each	₹ 17.00	₹ 3,40,000.00
18	Providing and stacking of <i>Putranjiva roxburghii</i> of ht. 60-75 cm in bag of size 20 cm as per direction of the officer-in-charge.	8.57	20000	each	₹ 30.00	₹ 6,00,000.00
19	Providing and stacking of <i>Cestrum nocturnum</i> (Raat ki Rani) of height 60-75 cm. with 4-5 branches in bag of size 25 cm as per direction of the officer-in-charge.	8.13	1000	each	₹ 40.00	₹ 40,000.00
20	Providing and stacking of <i>Asparagus sprengeri</i> of height 15 cm to 20 cm, full of leafy branches in 20 cm size polybag & as per direction of the officer-in-charge..	6.4	8000	each	₹ 20.00	₹ 1,60,000.00
21	Providing and stacking of Chlorophytum-variegated, full of leafy suckers in 15 cm size of Earthen Pot / Plastic Pot & as per direction of the officer-in-charge.	6.9	8000	each	₹ 20.00	₹ 1,60,000.00
22	Providing and stacking of Juniperus prostrata with 5 to 6 lateral branches and green foliage in 20 cm size of Earthen Pot/Plastic Pot & as per direction of the officer incharge.	NS	8000	each	₹ 22.00	₹ 1,76,000.00
23	Providing and stacking of <i>Schleichera trijuga</i> (Kusum) of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	7.81	100	each	₹ 70.00	₹ 7,000.00
24	Providing and stacking of <i>Inga dulcis</i> (Jungle Jalebi) of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	7.47	100	each	₹ 80.00	₹ 8,000.00
25	Providing and Displaying of <i>Spathiphyllum wallisii</i> (peace lily), having 15 cm to 25 cm ht. blooming stag with fresh & healthy foliage well developed in 15 cm of Earthen pot/plastic pot as per direction of officer-in-charge.	3.90	400	each	₹ 92.25	₹ 36,900.00
26	Providing and Displaying of <i>Strelitzia reginae</i> (Bird of paradise) well developed with fresh & healthy 90 to 120 cm ht in 30 cm Earthen Pot/ Plastic Pot as per direction of the officer-in-charge.	5.10	250	each	₹ 389.50	₹ 97,375.00
27	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any, with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately) Holes 45 cm dia, and 45 cm deep.	2.14.4	200	each	₹ 18.70	₹ 3,740.00
	60cm dia, 60 cm deep	2.14.3	300	each	₹ 43.75	₹ 13,125.00
	90 cm dia ,90 cm dia	2.14.2	2500	each	₹ 143.10	₹ 3,57,750.00
28	Plantation of Trees, Shrubs, and Hedge at site i/c watering and removal of unserviceable material's as per direction of officer in charge (excluding cast of plant & water)	2.57				
a)	trees plant	2.57.1	2500	each	₹ 7.30	₹ 18,250.00
b)	shrubs plant	2.57.2	25000	each	₹ 3.65	₹ 91,250.00
c)	Hedge plant/Ground cover	2.57.2	95000	each	₹ 2.45	₹ 2,32,750.00
29	Providing and stacking of Albizzia lebbek of height 150-165 cm. in bag of size 25 cm as per direction of the officer-in-charge.	7.3	150	each	₹ 65.00	₹ 9,750.00
30	Providing and stacking of <i>Bauhinia variegata</i> (Kachnar) of height 120-150 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	7.7	150	each	₹ 80.00	₹ 12,000.00
31	Providing and stacking of Bottle palm of ht. 270-300 cm bottom girth 40-50 cm well developed in big HDPE bags as per direction of the officer-in-charge.	7.12	150	each	₹ 550.00	₹ 82,500.00
32	Providing and stacking of <i>Casuarina equisetifolia</i> of height 150-165 cm in big poly bags of size 25 cm as per direction of the officer-in-charge.	7.15	150	each	₹ 60.00	₹ 9,000.00
33	Providing and stacking of <i>Dalbergia sissoo</i> (Seasam) of height 120-135 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	7.23	150	each	₹ 55.00	₹ 8,250.00
34	Providing and stacking of <i>Mimusops elengi</i> (Maulsri) of height 180-195 cm., well developed with thick stem in big in big size HDPE bag as per direction of the officer-in-charge.	7.59	150	each	₹ 125.00	₹ 18,750.00
35	Providing and stacking of <i>Mangifera indica</i> (Mango-grafted var. Amrapali) of height 60-75 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	7.53	150	each	₹ 55.00	₹ 8,250.00
36	Providing and stacking of <i>Nauclea cadamba</i> (Kadam) of height 150-165 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	7.60	150	each	₹ 65.00	₹ 9,750.00
37	Providing and stacking of <i>Saraca indica</i> (Sita Ashok) of height 105-120 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	7.80	150	each	₹ 80.00	₹ 12,000.00
38	Providing and stacking of <i>Tectona grandis</i> (Teak) height 150-165 cm. in big polybag size 25 cm as per direction of the officer incharge	7.87	150	each	₹ 110.00	₹ 16,500.00
39	Providing and stacking of <i>Bambusa vulgaris</i> (Golden Bamboo) for Specimen/group plantings of height 100-125cm. in big polybags of size 25 cm as per direction of the officer-in-charge.	NS	100	each	₹ 750.00	₹ 75,000.00
40	Providing and stacking of <i>Jacaranda mimosifolia</i> of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	7.48	100	each	₹ 60.00	₹ 6,000.00
41	Providing and stacking of <i>Eugenia jambolana</i> (Jamun) of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	7.83	150	each	₹ 75.00	₹ 11,250.00
42	Providing and stacking of Azadirachta indica (Neem) of height 120-130cm in big polybag of size 25 cm as per direction of the officer-in-charge. E	7.5	150	each	₹ 65.00	₹ 9,750.00
43	Green House structure Fan & Pad system (Rs. 1465/Sq. m >500 Sq.m up to 1008 Sqm)	MIDH Guidelines (B5 1(a)) page No 43	300	sqm	₹ 1,465.00	₹ 4,39,500.00

44	Supply and instalation of Shade Net House , Flat roof, fitted 75% uv stabilized shade net locked in aluminium profile with galvanized zigzag wiggle wire and fogging system with 2hp pump. with separate chemical and fertigtation unit.	MIDH Guidelines page No 43- 44 + Market Rate	300	sqm	₹ 1,200.00	₹ 3,60,000.00
	Sub Total of I ,II,III sections					₹ 8,02,43,676.00
	IV - IRRIGATION & FOUNTAIN					
1	Design, Supply, Installation, Testing and commissioning of automatic irrigation System with salient features as under and including trenching & backfilling to depth as required in all types of soil :	NS	135	acre	₹ 4,00,000.00	₹ 5,40,00,000.00
A)	Piping					
	HDPE ISI marked Pipe – PE100					
i)	110mm OD- 10.0 kg/cm ²					
ii)	63mm OD- 6.0 kg/cm ²					
iii)	50mm OD- 6.0 kg/cm ²					
iv)	40mm OD- 6.0 kg/cm ²					
B)	Landscape Drip line and Accessories					
vi)	Inbuilt Drip line 16mm/30.5cm/2lph - 1 Roll = 500 feet -					
	Make - AZUD,Jain Irrigation or Equivalent					
C)	Sprinklers and Accessories					
	Gear Driven Rotor Sprinkler (Radius: 9.2m-15.6 m at 2.5kg/sq. cm.) with Plastic Riser & Locking cover, Ratcheting Slip Clutch, BSP, UV-resistant plastic -					
	Make - RainBird /Hunter /Equivalent as approved by Engineer in charge					
	Pop up Connecting Assembly 3/4" -					
	Make - RainBird/Hunter/Equivalent					
	Pop up Spray head with VAN Nozzle (Radius: 1.2m-5.4 m at 2kg/sq. cm.) - Make -					
	RainBird/Hunter/Equivalent					
	Pop up Connecting Assembly 1/2" -					
	Make - RainBird/Hunter/Equivalent					
	P.P.Saddle Tee 63 X 3/4"					
	P.P.Saddle Tee 50 X 3/4"					
	P.P.Saddle Tee 40 X 3/4"					
	P.P.Saddle Tee 63 X 1/2"					
	P.P.Saddle Tee 50 X 1/2"					
	P.P.Saddle Tee 40 X 1/2"					
	3/4" Quick coupling valve with self-closing lid made of heavy duty rubber, SS Spring, Brass Valve - Make : Harvel/Jain Irrigation/Equivalent					
	3/4" Brass Quick coupling Valve key - Harvel/Jain Irrigation /Equivalent					
	Brass Swivel Hose Elbow 3/4" X 3/4" - Harvel/Jain Irrigation/Equivalent					
	PP Saddle- 110mm X 3/4" with SCH80 ASTM Riser					
	6"Round Valve Box with cover for QCV- Make : jain Irrigation/Harvel/Equivalent					
D)	Valves and Filtration Unit					
	Main line Sluice/Butterfly Valve 110mm (4") dia					
	Lateral line PVC Ball Valve 63mm (2") dia					
	12" Rectangular Valve Box with cover for lateral line valve & solenoid valve- Harvel/Jain Irrigation/Equivalent					
	10" Round Valve Box with cover for main line valve-					
	Make - Jain Irrigation/Harvel/Equivalent					
	Helix Filter 3", 130 micron(100m ³ /hr) - Make : Azud /Equivalent					
	Pressure Gauze (glycerine filled)- Harvel/Jain Irrigation/Equivalent					
	Air Release Valve 2"-Azud/Equivalent					
	6"Round Valve Box with cover for ARV- Make -Harvel/Jain Irrigation/Equivalent					
	Pressure Relief valve 2" with bypass outlet - Make -Omega/Equivalent					
E)	Automation Unit					
	Solenoid Valve (2.0") BSP with flow control					
	200 Station Decoder Based Controller.					
	Single Station Field Decoder					
	14/2 Maxi Cable 1Roll = 2500 feet - Peige Electric /Equivalent					
	DBY Series waterproof wire connector - 3M /Equivalent					
	Line Surge Arrestor					
	5/8" * 8" Copper Rod					
	5/8" * 8" Copper Rod Clamp for Grounding					
F)	Pumping Unit					
a	Hydro-Pneumatic Pumping System (Model No. as per Design)					
	Supply, Fixing & commissioning of Hydro-Pneumatic Pumping System with Variable Frequency Drive Mechanism of suitable capacity with Suction & Delivery Manifold, Wafer Seal Butterfly Valve as Isolation Valves, Non Return Valves, Pump Control Panel, Pressure Vessel, mounted on a Base frame with proper supports					
	Flow : 20 Ips Each Pump					
	Head = 75 Mtr					
	No. of Pumps : 1 Working + 1 Standby					
G)	Other required Fitting & Accessories					
	Note :					
	1) The water source for entire irrigation is proposed through the STP/Tank/Borewell which is not in scope of this tender. The emitting devices proposed for the horticulture area are as follows :					
	a) Lawn in any of above areas - Pop Up Sprinkler system					
	b) Ground cover/Hedge/Plantation (moderate /light) in any of above areas - In built Dripline					
	c) Trees in any of above areas - Drip Line /Hydrant					
	d) Quick coupling valves are proposed at strategic locations for washing of plants,trees,pathways etc. The quick coupling valves can also be used for atandby manual irrigation.					
	e) The above syatem is completely automatic using solenoid valves , controller etc for precise irrigation.					
2	Design, Supply, Installation, Testing & Commissioning of Fountain					
a)	Fix type near Administrative Building	NS	1	Nos	₹ 12,00,000.00	₹ 12,00,000.00
b)	Floating type in water Bodies	NS	1	Nos	₹ 10,00,000.00	₹ 10,00,000.00

<p>Note : i) Civil works - all requisite civil work , as required shall designed , working drawings prepared by contractor for university approval and work to be executed by contractor as per University approved Drawing accordingly. Pumps: Submersible or suitable pumps for getting the required water fountain. The maximum height of the water effects should be 10.00MTRS. The type ,power, model, make and other specifications of the pumps should be designed and got approved from university before execution .</p> <p>ii) Frame: The supporting stands of the fountain frame should of suitable non corrosive sections. The materials and dimension details of the sections need to be mentioned in the shop drawing submitted by contractor for approval.</p> <p>iii) Pipes : Using suitable non corrosive sections. The material and dimension details of the pipes need to be specified.</p> <p>iv) Nozzles: Nozzles should be of Brass or suitable non –corrosive metal for trouble free operation. The material and dimension details of the nozzles need to be specified in shop drawing prepared by contractor for university approval. The total number of nozzles are to be specified.</p> <p>v) Valves: Suitable valves for getting fountain and water effects. Total number of valves, their make and other specifications need to be specified in shop drawing.</p> <p>vi) Actuators: Electromechanical or equivalent. Total number of actuators, their make and other specifications need to be specified in shop drawing.</p> <p>vii) Water effects: Total number of water effects should be minimum five. Rate of each of the water effects and their details should be specified separately in shop drawing.</p> <p>viii) Cables: Submersible cables or equivalent, suitable for the proper functioning of fountain. Their make and specification should be mentioned in shop drawing.</p> <p>ix) Lights: Submersible, water resistant colored LED lights and numbers and Make should be mentioned in shop drawings.</p> <p>lights with not less than five colours suitable for shows. Total number of lights should be not less than 50 nos. Specification of lights should be mentioned in shop drawing.</p> <p>x) Control System: The computer used should be of latest version with all required hard ware and soft ware for running shows. All hard ware and soft ware are to be licensed and source/brains should be identified. The control system should be programmed CD/Hybrid. The specification of the computers and their sub systems and other components need to be clearly mentioned. There should be a user friendly GUI with provision for controlling all systems. The GUI should be capable of synchronization of fountain with new shows and training for carrying out the required work.</p>						
xi) Control Panel: Suitable control panel for running the above. Details and specifications need to be specified with standard drawings. All shop drawinmgs and working						
Sub Total section IV						₹ 5,62,00,000.00
V- EARTHEN /PLASTIC POTS						
1	Supply and stacking of Empty earthen Pots 20cm Top dia,10cm Bottom Dia & 20cm Perpendicular height	NS	250	each	₹ 30.00	₹ 7,500.00
2	Supply and stacking of earthen Pots 22cm Top dia,16cm Bottom Dia & 23cm Perpendicular height	NS	250	Each	₹ 35.00	₹ 8,750.00
3	Supply and stacking of Empty earthen Pots 25cm Top dia,15cm Bottom Dia & 25cm Perpendicular height	NS	250	Each	₹ 40.00	₹ 10,000.00
4	Supply and stacking of Empty earthen Pots 35cm Top dia,25cm Bottom Dia & 35cm Perpendicular height	NS	250	Each	₹ 50.00	₹ 12,500.00
5	Supply of Terracotta colour plastic Bottom Saucer for earthen pot ,size 10"	NS	250	Each	₹ 14.00	₹ 3,500.00
6	Supply of Terracotta colour plastic Bottom Saucer for earthen pot ,size 12"	NS	250	Each	₹ 18.00	₹ 4,500.00
7	Supply of Terracotta colour plastic Bottom Saucer for earthen pot ,size 14"	NS	250	Each	₹ 24.00	₹ 6,000.00
8	Supply of Terracotta colour plastic Bottom Saucer for earthen pot ,size 16"	NS	250	Each	₹ 30.00	₹ 7,500.00
9	Filling of the following size empty pots with mixture of good earth & manure in the ratio of 2:1 (Two part of Good earth & one port of manure) and placing them on appropriate place i/c carriage of earth, manure and pots up to 50 mtr, as per direction of officer in charge. (The cost of good earth, earthen pots & manure will be paid separately.)	2.31	250			
a)	Size of Empty Pots 20cm Top dia, 10cm Bottom Dia & 20cm perpendicular height	2.31.3	250	each	₹ 11.40	₹ 2,850.00
b)	Size of Empty Pots 22cm Top dia, 16cm Bottom Dia & 23cm Perpendicular height.	2.31.5	250	each	₹ 19.00	₹ 4,750.00
c)	Size of Empty Pots 25cm Top dia, 15cm Bottom Dia & 25cm Perpendicular height.	2.31.6	250	each	₹ 22.25	₹ 5,562.50
d)	Size of Empty Pots 35cm Top dia, 25cm Bottom Dia & 35cm Perpendicular height.	2.31.7	250	each	₹ 45.75	₹ 11,437.50
10	Supply of Empty Oxidized (antique look) Brass/ copper metal planter 28cm Top dia, 18cm Bottom Dia & 28cm Perpendicular height with NU logo embossed four side	NS	125	each	₹ 5,000.00	₹ 6,25,000.00
11	Supply of Empty Oxidized (antique look) Brass/ copper metal planter 40cm Top dia,30cm Bottom Dia & 40cm Perpendicular height with NU logo embossed four side	NS	125	each	₹ 7,000.00	₹ 8,75,000.00
12	Supply of Nomenclature plate (Botanical name plate) in English and pali language. Plate is made with 1.5 mm (5"x 10")yellow colour powder coated MS plate and 4 mm (2"X30") yellow colour powder coated stand ,material printed in black colour	NS	500	each	₹ 2,000.00	₹ 10,00,000.00
13	Aglaonema Snow White hybrid plant (three in one), having ht. 30 cm & above with 6 to 8 leaves, bright colour, well developed, fresh and healthy in 25 cm size of Earthen pot / Plastic pot. (Specimen Plant).	3.70	50	each	₹ 217.00	₹ 10,850.00
14	Araucaria cookie having ht. 75 cm to 90 cm, straight, well developed, fresh and healthy with lush green leaves from bottom to top in 25 cm size of Earthen pot / Plastic pot.	3.14	50	each	₹ 215.25	₹ 10,762.50
15	Areca Palm having ht. 1.20 m to 1.50 m with 5 to 6 suckers, well developed, fresh and healthy with lush green foliage in 25 cm size of Earthen pot / Plastic pot.	3.19	50	each	₹ 169.15	₹ 8,457.50
16	Brassia Variegated having ht. 30 cm to 45 cm, well developed with fresh and healthy foliage in 25 cm size of Earthen pot / Plastic pot..	3.24	50	each	₹ 118.90	₹ 5,945.00
17	Chamaedorea elegans palm having ht. 60 cm to 75 cm, well developed with fresh and healthy leaves in 25 cm size of Earthen pot / Plastic pot.	3.26	50	each	₹ 107.65	₹ 5,382.50
18	Croton Golden (Broad Leaves) having ht. 60 cm to 75 cm with 3 to 4 branches, well developed, fresh and healthy leaves in 25 cm size of Earthen pot / Plastic pot.	3.30	50	each	₹ 56.40	₹ 2,820.00
19	Croton Petra Bangalore variety having ht. 60 cm to 75 cm with 4 to 6 branches, well developed, fresh and healthy colorful leaves in 25 cm size of Earthen pot / Plastic pot.	3.36	50	each	₹ 117.90	₹ 5,895.00
20	Dieffenbachia Mosaic having ht. 30cm to 45 cm with 10-12 leaves, well developed, fresh and healthy in 25 cm size of Earthen pot / Plastic pot.	3.41	50	each	₹ 78.95	₹ 3,947.50
21	Dracaena 'Song of India' specimen plant (three in one), having ht. 60 cm & above, well developed, fresh and healthy with good foliage in 25 cm size of Earthen pot / Plastic pot.	3.45	50	each	₹ 141.45	₹ 7,072.50
22	Dracaena Kedarnath having ht. 30 cm & above, well developed with good colorful foliage in 20 cm size of Earthen pot / Plastic pot.	3.48	50	each	₹ 45.10	₹ 2,255.00
23	Dracaena Marginata having ht. 30 cm to 45 cm with colorful leaves, fresh and healthy in 20 cm size of Earthen pot / Plastic pot.	3.49	50	each	₹ 47.15	₹ 2,357.50
24	Livistona Palm having ht. 60 cm to 75 cm, well developed with 8 to 10 leaves, fresh & healthy foliage in 30 cm size of Earthen pot / Plastic pot	3.56	50	each	₹ 86.10	₹ 4,305.00
25	Philodendron Xanadu having 15 to 20 leaves, well developed with full of fresh & healthy leaves in 25 cm size of Earthen pot / Plastic pot.	3.72	50	each	₹ 183.50	₹ 9,175.00
26	Phoenix Palm having ht. 75 cm to 90 cm with 10 to 15 or more leaves, well developed, fresh and healthy in 25 cm size of Earthen pot / Plastic pot.	3.74	50	each	₹ 215.25	₹ 10,762.50
27	Rhapis Palm having ht. 75 cm to 90 cm with 12 to 15 equal suckers, well developed, full of fresh & healthy leaves from bottom to top in 25 cm size Earthen pot / Plastic pot.	3.76	50	each	₹ 322.90	₹ 16,145.00
28	Seaforthia Palm having ht. 1.20 m. to 1.50 m. with 8-10 suckers, well developed, fresh and healthy lush green leaves from bottom to top in 25 cm size of Earthen pot / Plastic pot.	3.82	50	each	₹ 394.65	₹ 19,732.50

29	Providing and displaying of Rubber plant variegated, well developed, having 45 to 60 cm ht. with fresh, healthy and attractive colorful leaves in 20 cm size Earthen pot/Plastic pot	3.80	50	each	₹ 153.75	₹ 7,687.50
30	Syngonium Variegated mounted on moss stick 90 cm ht., 3 to 4 plants placed in each pot at equal distance, well developed with full of fresh & healthy leaves from bottom to top in 25 cm size of Earthen pot / Plastic pot.	3.92	50	each	₹ 193.75	₹ 9,687.50
31	Money Plant Broad Leaves mounted on moss stick 90 cm ht., 3 to 4 plants in each pot, well developed with full of fresh & healthy leaves in size of 25 cm Top dia x 18 cm Bottom dia x 25 cm Perpendicular height Earthen pot / Plastic pot..	3.59	50	each	₹ 184.50	₹ 9,225.00
32	Philodendron emerald red colour mounted on moss stick 90 cm ht., having 3 plants placed at equal distance, well developed with full of fresh & healthy leaves in 25 cm size of Earthen pot / Plastic pot.	3.63	50	each	₹ 377.20	₹ 18,860.00
33	Pimenta dioica (All spice plant) 90 cm ht., well developed with full of fresh & healthy leaves in 25 cm size of Earthen pot / Plastic pot.	NS	75	each	₹ 450.00	₹ 33,750.00
34	Ficus lyrata (Fiddle leaf Fig) height 45-60 cm. in earthen pot size 25 cm	7.33	75	each	₹ 90.00	₹ 6,750.00
35	Supply & installation of Coir based Geotextile 700 gsm (H2M8) conforming to IS 15868 : Part 1 to 6, for covering top of erosion prone slopes or embankments as per IS 15872:2009; fixed to ground as per drawing, including all royalty, equipment, labour, loading, unloading, and carriage upto any lead & lift required as directed by Engineer-in-Charge	NS	16000	sqm	₹ 127.00	₹ 20,32,000.00
Sub Total section V						₹ 48,28,675.00
Total cost of Horticulture and Irrigation works (I+II+III+IV+V) in Rs.						₹ 14,12,72,351.00

SECTION-VI: Shcedule For Maintenance (For 24 months)						
1	Complete maintenance of the entire garden features having as per yard stick in the garden area i.e. lawn trees, shrubs, edge, flower beds, foliages, creepers etc. including hoeing, weeding pruning replacement of plants, gap filling, watering, mowing of lawn, grass cutting by lawn mover and brush cutter, removal of garden waste, applying septicide, pesticide & fertilizers (whenever required) top dressing of lawn with good earth and manure and maintenance of other garden related works as directed by office-in-charge (Cost of Good Earth, Manure, Fertilizer, Insecticide, Pesticide will be provided by department & lawn mover and brush cutter with fuel & other T & P material/ articles shall be provided by the contractor.) and as per the direction of Officer incharge					
a)	Prestigious works. (1Mali for 1.00Acre)	2.40.1	1000	per sqm /month	₹ 4.80	₹ 4,800.00
b)	Permanent office accommodation.(1Mali for 1.25Acre)	2.40.2	55000	per sqm/per month	₹ 3.85	₹ 2,11,750.00
c)	Flats.(1Mali for 1.35Acre)	2.40.3	19000	persqm/per month	₹ 3.55	₹ 67,450.00
d)	Govt. officers bungalows. (1Mali for 1.55Acre)	2.40.4	1000	persqm/per month	₹ 3.85	₹ 3,850.00
e)	Play grounds / Public parks (1Mali for 2.00Acre).	2.40.5	60000	persqm/per month	₹ 2.40	₹ 1,44,000.00
e)	Open spaces (1 mali for 3.00 acre)	2.40.6	4000	persqm/per month	₹ 1.60	₹ 6,400.00
2	Maintenance of Kitchen garden including preparation of beds manuring/ fumigation weeding hoeing watering planting of vegetable seeds including spraying of insecticide and pesticide and Harvesting. (Note:-Only Good Earth, Manure, Fertilizer, Insecticide & Pesticide will be provided by the Department and other T & P material/articles shall be provided by the contractor) and as per direction of officer in charge	2.41	1500	per sqm /month	₹ 10.50	₹ 15,750.00
3	Complete maintenance of trees (Out side garden features), jobs like making of basin at regular interval i/c watering, weeding, pruning & application of fertilizer etc, excluding the cost of material which shall be supplied by the department and other T & P material/articles shall be provided by the contractor) and as per direction of officer in charge.					
a)	Trees for 250 no/(up to 4 & up to 3 year Slow & Fast growing group)	2.42.1	5500	Per Plant/ Month	₹ 76.00	₹ 4,18,000.00
b)	Trees for 300 no/ (4-8 & 5-6 year Slow & Fast growing group)	2.42.2	7000	Per Plant/ Month	₹ 63.35	₹ 4,43,450.00
c)	Trees for 1200 no/ (beyond 8 year slow & beyond 6 fast growing group))	2.42.3	12000	Per Plant/ Month	₹ 15.85	₹ 1,90,200.00
4	Complete maintenance of shrubs (Out side garden features), jobs like making of basin at regular interval i/c watering, weeding, pruning & application of fertilizer etc, excluding the cost of material which shall be supplied by the department) and as per direction of officer in charge.	2.43	500	Per Plant/ per Month	₹ 38.00	₹ 19,000.00
5	Maintenance of Potted Plants at Nursery in Earthen pot including resetting/ displaying at Nursery, including watering, weeding, hoeing, colouring, transplanting the damaged pots and disposal of generated garbage at specified place as per direction of officer-in-charge. (Note:-Good earth, manure, fertilizer, insecticide & pesticide will be provided by the department) (Earthen pot 2000 nos)	2.44	1400	Per Pot/ per Month	₹ 9.50	₹ 13,300.00
6	Maintenance of potted plant Earthen pot in displayed at ground floor only in bungalow, office complex including application of good earth, manure, insecticide, pesticide and fertilizer, removing of dry parts by pruning, cleaning dry leaves and displaying in appropriate place and replacement of broken pots coloring of pots and change of location of pots and replacing with fresh plants as and when required (Materials provided by the department) as per direction of officer in charge (For Earthen pot 750 Nos)	2.45	600	Per Pot/ per Month	₹ 25.35	₹ 15,210.00
Maintenance cost (Section VI) Per Month						₹ 15,53,160.00
Total Maintenance cost for 24 months (In Rs.)						₹ 3,72,75,840.00
Grand Total Cost						₹ 17,85,48,191.00