

Name of Work: Gardening with Academic hostel and Other areas of NIT Campus

SI no	Description of Item	Unit	Rate	A (Hall)	B (Academic)	C= A+B	TOTAL
				Quantity	Quantity	TOTAL	Amount
1	Clearing grass and removal of the rubbish upto a distance of 50M outside the periphery of the area cleared.	Sq.m	2.00	1500.00	500.00	2000.00	4000.00
2	Clearing jungle including uprooting of rank vegetation , Grass brush wood ,trees and sapling of girth upto 30Cm measured at a height of 1 Mtr above the ground level and removal of rubbish upto a distance of 50M outside the periphery of the area cleared	Sq.m	4.00	500.00	250.00	750.00	3000.00
3	Earthwork in surface excavation not exceeding 30Cm in depth but exceeding 1.5M in width as well as 10 Sq.M on Plan including disposal of excavated earth upto 50m and lift upto 1.5mtr, disposed soil to be levelled and neatly dressed:	Sq.m	32.00	12000.00	9500.00	21500.00	688000.00
4	Supplying and stacking of good earth at site including royalty and carriages upto 1 Km (Earth measured in stacks will be reduced by 20% for payment)	Cum	174.00	1800.00	1425.00	3225.00	561150.00
5	Supplying and stacking of sludge at site including royalty and carriages upto 1 Km (sludge measured in stacks will be reduced by 8% for payment)	Cum	283.00	600.00	427.50	1027.50	290782.50
6	Supplying and stacking at site dump manure from badli or other approved source including carriage upto 1 km manure measured in stacks will be reduced by 8% for payment) screened through sieve of IS designation 20mm)	Cum	236.00	600.00	428.00	1028.00	242608.00
7	Rough dressing of trenched ground including breaking clods	Sq.m	0.50	12000.00	9500.00	21500.00	10750.00
8	Uprooting of weeds from trenched area afer 10 to 15 days of its flooding with water includign disposal of uprooted vegetation	Sq.m	1.63	12000.00	9500.00	21500.00	35045.00
9	Fine dressing of ground	Sq.m	1.23	12000.00	9500.00	21500.00	26445.00
10	Spreading of sludge , dump manure or and /or good earth/ fertilizers by spreading it in the dug up soil and mixing them properly in required thickness rough dressing of soil and uprooting the vegetation including fine dressing of soil by providing 5% slope for run off water drainage towards the direction of natural slope complete as per direction of Engineer in charge (cost of sludge dunmp manure and/or good earth to be paid seprately) Sweet earth: Cow dung (8:1) in layers	Sq.m	5.00	12000.00	9500.00	21500.00	107500.00

11	Supplying and planting of rooted grass cuttings of pure selection Grade-I grass (Zyosia japonica) by making it into suitable sizes with with minimum 2-3 nodes, spreading it in the grassing area inserting the grass into soil at an average spacing of 75x75mm with the help of suitable tools , watering the grassed area evenly in sufficient quantity and mostening the soil upto depth of 6to 8cm drawing water from the nearest water point to keep the planting materials alive. Maintaining the grassed area by weeding watering rolling and mowing of lawn for aperiod of 90days from the date of completion of work. (Payment 90% after completion and balance 10 % after 90 days of maintenance)	Sq.m	20.00	10000.00	1000.00	11000.00	220000.00
12	Top dressing of the newly developed lawn by supplying mixing and spreading evenly the mixture of sweet earth fine sand well composed compost DAP, neem oil cake and antitermite treatment after 45 days complete as per direction of Engineer in charge	Sq.m	4.00	12000.00	1500.00	13500.00	54000.00
13	Grassing with "doob 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 includign supplying good earth if needed (the good earth shall be paid separately) In rows 5CM apart in either direction (Payment 90% after completion and balance 10 % after 90 days of maintenance)	Sq.m	4.70	5000.00	7000.00	12000.00	56400.00
14	Grassing with CHINA MATT 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 includign supplying good earth if needed (the good earth shall be paid separately) In rows 5CM apart in either direction (Payment 90% after completion and balance 10 % after 90 days of maintenance)	Sq.m	27.91	3000.00	5000.00	8000.00	223280.00
15	Supplying , spreading Aldrin/methyl parathion at site including labour and materuial charges including transportation etc complete as per direction of Engineer inc harge	Kg	19.00	25.00	15.00	40.00	760.00
16	Supplying , spreading Bone meal/rally meal at site including labour and materuial charges including transportation etc complete as per direction of Engineer inc harge	Kg	28.00	25.00	15.00	40.00	1120.00
17	Supplying , spreading Neem oil cake at site including labour and materuial charges including transportation etc complete as per direction of Engineer inc harge	Kg	18.00	25.00	15.00	40.00	720.00

18	Supplying , spreading Di ammonium phosphate (DAP) at site including labour and material charges including transportation etc complete as per direction of Engineer inc harge	Kg	15.00	25.00	15.00	40.00	600.00
19	Digging holes in ordinary soil and refilling the same with excavated earth mixed with dump manure or sludge in the ratio of 2:1 by volume (2 parts stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing includign removal of rubbish and surplus earth if any with all leads and lift (costs of manure , sludge or extra good earth if needed to be paid separately) Holes 60Cm dia 60CM deep	Each	25.00	25.00	50.00	75.00	1875.00
20	Filling of earth and sludge or dump manure in the desired proportion in trenches flooding with water and levelling (cost of supplying good earth and sludge or manure and mixing excluded)	Cum	6.00	25.00	50.00	75.00	450.00
21	Providing and planting tree such as ficus, benjamina , and other types of tree of atleast 1M height (Gurantee of 2(two) years to be given for maintenance of tree) at site with required distance as per direction of Engineer in charge. (Tree should of 1M height at time of plantation and to be supplied by Agency, cost inclusive of transportation and labour for handling) (50 % payment to be done after 2 years)	Each	250.00	150.00	100.00	250.00	62500.00
22	Earthwork in excavation by mechanical means (Hydraulic excavator)/manual means overareas (Exceeding 30Cm in depth 1.5m in width as well as 10 Sq.M on Plan) including disposal of excavted earth lead upto 50m and lift upto 1.5m disposed earth to be levelled and neatly dressed (All kinds of Soil)	Cum	115.00	1500.00	1200.00	2700.00	310500.00
23	Conveyance of Materials such as stone metal refuse,garbage, rubbish etc including labour for loading and unloading. Beyond initial lead. truck load Upto 1km	Cum	41.00	1800.00	1200.00	3000.00	123000.00
24	Surface dresssing of the ground including removing vegetation and in equalities not exceeding 15 Cm deep and disposal of rubbish , Lead upto 50M and lift upto 1.5M	Sq.M	5.65	500.00	500.00	1000.00	5650.00
25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20Cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50M and lift upto 1.5M	Cum	50.77	500.00	500.00	1000.00	50770.00

26	Supplying and planting best quality ground covers, of species one year after planting						
	Asparagus Nana.	Each	160.00	5.00	5.00	10.00	1600.00
	Euphobia Mill.	Each	610.00	5.00	5.00	10.00	6100.00
	Calliandra	Each	170.00	5.00	5.00	10.00	1700.00
	Allamanda Yellow.	Each	210.00	5.00	5.00	10.00	2100.00
	Nerium.	Each	80.00	5.00	5.00	10.00	800.00
	Duranta Goldiana	Each	27.00	5.00	5.00	10.00	270.00
	Aura	Each	27.00	5.00	5.00	10.00	270.00
27	Supplying and planting best quality potgrown/ container grown healthy shrubs minimum 450 mm tall for one year after planting						
	Fox Tail Palm	Each	3500.00	0.00	5.00	5.00	17500.00
	Auracaria Cookii T	Each	300.00	0.00	5.00	5.00	1500.00
	Lagerstraomia Flos Reginee	Each	180.00	0.00	5.00	5.00	900.00
	Plumeria Alva	Each	180.00	0.00	5.00	5.00	900.00
	Areca Palm	Each	350.00	0.00	5.00	5.00	1750.00
	Phinix Palm	Each	350.00	0.00	5.00	5.00	1750.00
	Ficuc Starlight	Each	650.00	0.00	5.00	5.00	3250.00
	Cycas Palm	Each	4220.00	0.00	5.00	5.00	21100.00
	Farcaria	Each	675.00	0.00	5.00	5.00	3375.00
	Zammia Palm	Each	650.00	0.00	5.00	5.00	3250.00
	Scheffera Variegata	Each	450.00	0.00	5.00	5.00	2250.00
	Nolinum	Each	650.00	0.00	5.00	5.00	3250.00
	Rapix Palm	Each	625.00	0.00	5.00	5.00	3125.00
	Dracena Song of India	Each	250.00	0.00	5.00	5.00	1250.00
	Dracena Mahatma	Each	225.00	0.00	5.00	5.00	1125.00
	Ixora dwarf	Each	95.00	0.00	5.00	5.00	475.00
	Achelepha	Each	90.00	0.00	10.00	10.00	900.00
	Chandni Variegatta	Each	80.00	0.00	15.00	15.00	1200.00
	Hamelia	Each	80.00	0.00	15.00	15.00	1200.00
	Duranta	Each	27.00	0.00	25.00	25.00	675.00
27	Providing and planting tree such as Neem , and other types of tree of atleast 1M height (Gurantee of 2(two) years to be given for maintenance of tree) at site with required distance as per direction of Engineer in charge. (Tree should of 1M height at time of plantation and to be supplied by Agency, cost inclusive of transportation and labour for handling) (50 % payment to be done after 2 years)	Each	150.00	150.00	0.00	150.00	22500.00
	TOTAL						3186970.50