



संस्कृति मंत्रालय
MINISTRY OF
CULTURE

Birla Industrial & Technological Museum
(National Council of Science Museums, Ministry of Culture, Govt. of India)
19A, Gurusaday Road, Kolkata - 700 019



Bill Of Quantities (BOQ)

Sub: Work of Landscape and Horticulture at Science Centre (Category-II) at Jorbeer Residential Scheme, Block C , Rajasthan-334001.

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
1.0	CIVIL WORK				
1.01	Ploughing the existing ground to a depth of 15 cm to 25 cm and watering the same.				
1.02	All kinds of soil	Sqm	3500.00	28.25	98875.00
1.03	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	3500.00	14.37	50295.00
2.0	HORTICULTURE & LANDSCAPING				
2.02	Supplying and stacking of good earth at site including royalty and carriage upto 5 km lead complete (earth measured in stacks will be reduced by 20% for payment).	Cum	525.00	515.60	270690.00
2.03	Supplying and stacking sludge at site including royalty and carriage upto 5 km lead complete (sludge measured in stacks will be reduced by 8% for payment).	Cum	78.75	294.00	23152.50
2.04	Supplying and stacking at site dump manure from approved source, including carriage upto 5 km lead complete (manure measured in stacks will be reduced by 8% for payment) :				
2.05	Screened through sieve of I.S. designation 20 mm	Cum	52.50	254.15	13342.88
2.06	Screened through sieve of I.S. designation 16 mm	Cum	52.50	290.70	15261.75
2.07	Screened through sieve of I.S. designation 4.75 mm	Cum	52.50	319.90	16794.75
2.08	Fine dressing of the ground.	Sqm	3500.00	3.70	12950.00
2.09	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).	Cum	78.75	52.35	4122.56
2.10	Mixing earth and sludge or manure in the required proportion specified or directed by the Officer-in-charge	Cum	78.75	36.55	2878.31
2.12	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)	Cum	64.33	222.85	14336.89
2.13	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)				

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
2.14	Holes 1.2 m dia and 1.2 m deep	Each	62.00	335.50	20801.00
2.15	Holes 90 cm dia, and 90 cm deep	Each	42.00	143.10	6010.20
2.16	Holes 60 cm dia, and 60 cm deep	Each	40.00	43.75	1750.00
2.17	Holes 45 cm dia, and 45 cm deep.	Each	32.00	18.70	598.40
2.20	Supplying and stacking of well decayed cattle manure at site including royalty and carriage upto 5 k.m.lead complete (Cattle manure measured in stacks will reduced by 8% for Payment).	Cum	350.00	247.50	86625.00
2.21	Providing & laying Selection no. 1 doob grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with required tools wooden and than rolling the surface with light roller make the surface smoothen and light watering the same maintenance for 30 days or more till the grass establish properly, as per direction of officer in charge	Sqm	3500.00	87.50	306250.00
3.0	PROCUREMENT & SUPPLY OF TREE PLANTS				
3.01	Providing and stacking of Ficus benamina (green) of height 150-165 cm., bushy with healthy branches and lush green foliage in big size HDPE bags as per direction of the officer-in-charge.	Each	27.00	180.00	4860.00
3.02	Providing and stacking of Azadirachta indica (Neem) of height 120-130 cm in big polybag of size 25 cm as per direction of the officer-in-charge.	Each	28.00	65.00	1820.00
3.03	Providing and stacking of Plumeria alba 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.	Each	8.00	750.00	6000.00
3.04	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.	Each	8577.90	20.00	171558.00
3.04	Providing and stacking of Lagerstroemia indica of height 90-105 cm. multibranched in poly bags of size 25 cm as per direction of the officer-in-charge.	Each	14.00	40.00	560.00
3.05	Providing and stacking of Terminalia Mantaly of height 150-165 cm. in big polybags of size 25 cm as per direction of the officer-in-charge.	Each	32.00	60.00	1920.00
3.06	Providing and stacking of Northern catalpa of height 150-165 cm.in big poly bag of size 25 cm as per direction of the officer-in-charge.	Each	35.00	120.00	4200.00
3.07	Providing and stacking of Leyland Cypress with 5 to 6 lateral branches and green foliage in 20 cm size of poly bags & as per direction of the officer-in-charge.	Each	37.00	30.00	1110.00

TOTAL = ₹ 11,36,762.24

Add 1% LWC on basic value of work = ₹ 11,367.62

Basic value of work including LWC = ₹ 11,48,129.86

Add 18 % GST on basic value of work including LWC = ₹ 2,06,663.37

Gross value of work incl. LWC and GST = ₹ 13,54,793.23

Say. = ₹ 13,54,793.00

(Thirteen Lakh Fifty Four Thousand Seven Hundred and Ninety Three Only.)