

**ASSAM PROJECT
ON
FOREST AND BIO-DIVERSITY CONSERVATION
CONSTRUCTION OF NEW RESIDENTIAL COMPLEX
AT REHABARI, GUWAHATI-781008**

BILL OF QUANTITIES FOR LANDSCAPING & GARDENING

Sl. No.	Specification of Item of works	Unit	Quantities	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
1	<p>EARTHWORK IN EXCAVATION</p> <p>Earthwork in excavation for foundation trenches of walls, retaining walls, footings of column, steps, septic tank etc. including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified in the following classification of soils including bailing out water where necessary as directed and specified.</p> <p>(A) Upto a depth of 2.00 m below the existing G.L. In ordinary soil</p>	Cu.M.	177.00			

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2	<p>PLAIN CEMENT WORKS</p> <p>Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately).</p> <p>(a). In prop. 1:4: 8 (1 cement:3 coarse sand : 6 coarse agg. by volume (using mixture machine)</p>	Cu.M.	29.50			
3	<p>MASONRY WORKS</p> <p>Providing soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete.</p> <p>(a).Brick on flat soling.</p>	Sq.M.	295.00			
4	<p>Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed.</p> <p>(I) In Sub-structure up to plinth level including dewatering if necessary</p> <p>(a). In proportion 1:4.</p>	Sq.M.	118.00			

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5	<p>CEMENT PLASTERING</p> <p>15 mm thick Cement plaster in single coat on rough side of single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles, not exceeding 80mm girth and finished even and smooth including curing complete as directed.</p> <p>A) On rough side (a). In cement mortar 1:4</p>	Sq.M.	236.00			
6	<p>GRILLS</p> <p>Providing, fitting and fixing M.S. grill of required pattern for windows/ clerestory windows/ openingwith M.S. flats at required spacing in frame all round, squre or round M.S. bars with round headed bolts and nuts or screws.</p> <p>I. Plain grill (a) Fixed to Brickwork/ P.C.C/R.C.C.</p>	Kg	1062.00			
7	<p>EXTERIOR PAINTS / COATINGS</p> <p>Finishing old / new wall with water proofing weather coat smooth anti-fungal exterior painting of approved make of Berger paint of required shade after cleaning and clearing the surface etc. including scaffolding complete as directed at all levels (two coats)</p>	Sq.M.	236.00			

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8	<p>LAWN MAKING BY DIBBLING</p> <p>Supplying and dibbling of selected lawn grass [Doob grass (Cynodon dactylon), cushion grass (Axonopus affinis)] after preparing the land by ploughing / working to a depth of 40 -45 cm, removing of all unwanted debris (rubbles, pebbles, plant roots etc.), mixing of organic manure(10kg - 15kg/sq.m), levelling the surface and initial maintenance by proper and periodic rolling, mowing and irrigation etc.(as specified) for a period of six months from the date of dibbling including the application of recommended dose of fertilizers(N:P:K) mixture as specified and directed by the department.</p> <p>(a) By Carpet grass (Axonopus affinis)</p>	Sq.M.	636.00			

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9	<p>Supplying and planting of house plants in required size of pot including filling the pot to the top surface with appropriate soil media of garden soil, river sand, cow-dung, leaf mould, fertilizer, pesticides as per specification and necessary maintenance for a period of 6 months from the date of planting complete as specified and directed . (Mixing of different ingredients of soil media to be made in presence of Deptt. official / Specialist concerned)</p> <p>(A) With Fancy leaf caladium/Coleus</p> <p>(i) Using concrete pot of 60 cm dia.</p>	Each	20.00			

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	(B) With Peacock/spider/Umbrella (i) Using concrete pot of 60 cm dia.	Each	20.00			
	(C) With Marry Christmas begonia / Polypodium / Aluminium plant (l) Using concrete pot of 60 cm dia.	Each	20.00			
10	Supplying and planting of palms with required size of pot including filling the pot to the top surface with appropriate soil media made of garden soil, river sand, cow-dung, leaf mould, fertilizer, pesticides as per specification and necessary maintenance for a period of 4 months from the date of planting complete as specified and directed . (Mixing of different ingredients of soil media to be made in presence of Deptt. official / Specialist concerned) (A) With Bottle palm (l) Using concrete pot of 60 cm dia.	Each	20.00			

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11	Supplying and planting of seasonal flower in required size of pot including filling the pot to the top surface with appropriate soil media made of garden soil, river sand, cow-dung, leaf mould, fertilizer, pesticides as per specification and necessary maintenance for a period of 4 months from the date of planting complete as specified and directed . (Mixing of different ingredients of soil media to be made in presence of Deptt. official / Specialist concerned) (I) Using earthen pot of 60 cm dia.	Each	50			
	(II) Using concrete pot of 60 cm dia.	Each	20			

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12	HEDGE PLANTING / EXTERNAL HEDGE Supplying and planting of suitable plant materials for preparation protective / external hedge (50 cm wide) including the preparation of the ground by mixing organic manure and fertilizers as per specification and necessary maintenance for a period of one year from the date of planting complete as specified and directed . (A) ADOPTING SINGLE ROW PLANTING METHOD (i) With Duranta	Metre	50.00			
	(i) With Chinese Bamboo	Metre	35.00			

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13	TREE PLANTING Supplying and planting of ornamental trees (1'-0" height sapling) including pit making (60 cm x 60 cm x 60 cm), filling the pit with appropriate soil media, manure and fertilizers as per specification and necessary maintenance for a period of one year from the date of planting complete as specified and directed . SHADE TREE (A) Neem / Mahaneem / Beef wood / Bakul / Acacia / Siris / Devils tree / Kadam / Palash / Pink Cassia / peepal / Silver oak / Simalu / Ajar	Each	10			
	(B) Bottle Brush / Nil Gulmohar / Debadaru / Weeping Willow	Each	10			

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14	SHRUB PLANTING Supplying and planting of ornamental shrub (below 1'-0" height) including pit making (60 cm x 60 cm x 60 cm), filling the pit with appropriate soil media, manure and fertilizers as per specification and necessary maintenance for a period of one year from the date of planting complete as specified and directed . (A) Radhachura / Krishnachura / Rat ki rani / Ixora / Jetuka	Each	10			
	(B) Allmanda / Khorika zai / May flower / Kamini / Kathanda / Tecoma / Acalypha / Bougainvillea / Dracaena / Togor / Nilakantha / Mussaenda	Each	20			
	(C) Thuja	Each	5			

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	(D) Poinsettia / Forget me not	Each	5			
15	Preparation of a carpet bedding by raising the backside of the bed to a height of 45 cm (average) after mixing organic manure, fertilizer including supplying and planting of grass and specimen plants (Brindavan) to engrave the desired letters, necessary maintenance for a period of 6 months from the date of planting complete as directed and specified by the department.	Sqm	75.00			
16	Edging with bricks laid dry lengthwise including excavation, refilling, consolidating with hand packing and spreading neatly surplus earth within a lead of 50 m.	Each	368.75			
17	Painting with synthetic enamel paint, having VOC (Volatile Organic Compound) content less than 150 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats	Sq.M.	265.50			

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18	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With ready mixed red oxide zinc chromatic on steel / iron works having VOC content less than 250 grams/ litre	Sq.M.	265.50			
TOTAL : 'Rs.						

Signature of the Contractor :

Date & Seal :