

Estimation of Garden design for Maa Mahamaya Sahkari Shakkar Karkhana, Ambikapur, Distt.-Ambikapur										
Sr. No.	CSR ITEM No.	PARTICULARS	No.	MEASUREMENT (meter)			QTY	UNIT	RATE	MOUNT
				L	W	H.D				
1	1.2	Surface dressing of the ground including removing vegetation and making up undulations and inequalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).								
			1	-	-	-	1,850.00	sqm	7.20	13,320.00
2	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
		In all types of soils.								
	1.1.1	For Boundary wall	1	334.00	0.60	1.20	240.48	cum		
		For Colom	17	1.50	1.50	1.50	57.38	cum		
		Light Pole	17	0.60	0.60	1.00	6.12	cum		
Total						303.98	cum	185.00	56,235.38	
3	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
		1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).								
	3.1.2	For Boundary wall	1	334.00	0.60	0.10	20.04	cum		
		For Colom	17	1.50	1.50	0.10	3.83	cum		
		Light Pole	17	0.60	0.60	0.10	0.61	cum		
Total						24.48	cum	2,659.00	65,084.34	
4	7.4	Brick work with modular well burnt (open bhatta) clay bricks of crushing strength not less than 20 kg/sqcm and water absorption not more than 25% in foundation and plinth in:								
		7.4.1 Cement Mortar 1:6 (1 Cement : 6 Coarse Sand)	208	1.60	0.20	1.00	66.56	cum	3,263.00	2,17,185.28
5	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
		1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
	3.2.1	For Colom Footing	17	1.00	1.00	0.30	5.10	cum		
		For Colom	15	0.20	0.20	4.10	2.46	cum		
		Gate Colom	2	0.60	0.60	4.10	2.95	cum		
		Pole Fixing Concrete	209	0.20	0.20	1.00	8.36	cum		
		Beam	1	334.00	0.20	0.20	13.36	cum		
		Colom Beam	2	5.50	0.60	0.60	3.96	cum		
		Beam for Gajibo (Plinth & Top Beam)	4	49.36	0.20	0.30	11.85	cum		
		Gajibo Slab	3	26.75	0.12		9.63	cum		
Total						57.67	cum	4,163.00	2,40,073.55	
6	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								

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	3.12.1	Thermo-Mechanically treated bars FE 415	1	-	-	-	9,065.47	kg	54.50	4,94,068.12	
7	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:									
	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.									
		For Colom Footing	68	1.00	-	0.30	20.40	sqm			
		For Colom	57	0.20	-	4.10	46.74	sqm			
		Gate Colom	8	0.60	-	4.10	19.68	sqm			
		Pole Fixing Concrete	420	0.20	-	1.00	84.00	sqm			
		Beam	4	334.00	-	0.20	267.20	sqm			
		Colom Beam	6	5.50	-	0.60	19.80	sqm			
		Beam for Gajibo (Plinth & Top Beam)	30	37.68	-	0.30	339.12	sqm			
		Gajibo Slab [3.14xR(R+L)]	3	26.75		-	80.25	sqm			
Slab Edge		3	12.56	-	0.12	4.52	sqm				
			Total			881.71	sqm	139.00	1,22,557.91		
8	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:									
	11.3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)									
		Brick Work	2	334.00	-	1.20	801.60	sqm	107.00	85,771.20	
9	14.6	Painting exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with:									
	14.16.1	On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)									
		Same as Plaster Work	2	334.00	-	1.20	801.60	sqm	74.50	59,719.20	
10	9.3	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer.				0.00					
	9.3.2	Electric resistance or induction butt welded tubes Grade-300 (MS SQUIRE PIPE 50MMX50MMX3MM)									
		For Fencing	210	1.50		315.00	1,363.95	kg	93.50	1,27,529.33	
		For Main Gate	1	280.00			kg	93.50	26,180.00		

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	9.43	Providing and fixing in position chain linked steel wire fabric made of 4 mm dia G.I. wire of required width in mesh to concrete/ wooden/ angle iron posts including securing and screwing with 2mm dia G.I. wire, G.I. staples, G.I.U-nails or steel pins etc., complete.								
		For Fencing	1	334.00		1.20	400.80	SQM	331.00	1,32,664.80
11	22.25	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand:								
	22.25.4	Carpet grass (well developed) 60% of Surface dressing area	1	-	-	-	1,110.00	sqm	263.00	2,91,930.00
12	12.65	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm								
	12.65.2	Pigment Coloured (rubber mould) precast interlock concrete blocks Garden Pathway	1	236.57		-	236.57	sqm	632.00	1,49,512.24
PWD ROAD SOR										
1	12.6	Providing and planting of 3"0" to 4"0" heighted wasingtonia, filipharia/bismarkia novelist plam plants with 1"6" x 1"6" depth pit formation and soil preparation, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.	88				88.00	ech	935.00	82,280.00
2	12.7	Providing and planting of 4"0" to 5"0" heighted Ficus prestige/Blackiana plants with 1"6" x 1"6" depth pit formation and soil preparation, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.	95				95.00	ech	936.00	88,920.00
3	12.8	Providing and planting of Bogenbelia dwarf, chandni dwarf, kaner dwarf vr flower bearing plants with 0"9" x 0"9" depth pit formation and soil preparation work"s, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.	900				900.00	ech	937.00	8,43,300.00
4	12.9	Providing and planting of dwarf red Ekalyha plants showing mass effect view with 0"9" x 0"9"x1"0" depth pit formation and soil preparation work"s, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.	4,800				4,800.00	ech	72.00	3,45,600.00

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5	12.10	Providing and planting of plumeria (Champa) 2'0" to 3'0" heighted plants with 1'0" x 1'0"x1'6" depth pit formation and soil preparation work's, (Mixing organic manure and plant's protection insecticide). Up to 4 month maintenance.	80				80.00	ech	380.00	30,400.00
6	12.11	Providing and planting of Golden durenta multi branches plants for showing mass effect in 0'6" x 0'6" distance with soil preparation work's, (Mixing organic manure and plant's protection insecticide). Up to 4 month maintenance.	1650				1,650.00	ech	182.00	3,00,300.00
7	12.14	Cement art Mural work Approx					65.00	sqm	3,500.00	2,27,500.00
TOTAL										40,00,131.34