12-5-15

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MUNICIPAL CORPORATION DURG

DETAILED ESTIMATE FOR CONSTRUCTION OF ~~CULTURAL HOUSE AT W.N. 3~~ शा. स. का. का. ~~[illegible]~~

(BUILDING SOR W.E.F. 1.1.2015) [illegible]

SN.	ITEMS	NO.	L	B	D/H	QTY	RATE	UNIT	AMOUNT
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 soil	9	1.5	1.5	1.5	30.38			
		3	6.8	0.3	0.25	1.53			
		2	5.8	0.3	0.25	0.87			
						32.78	185	cum	6063
2	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.								
	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).								
		9	1.5	1.5	0.15	3.04			
		3	6.8	0.3	0.1	0.61			
		2	5.8	0.3	0.1	0.35			
						4.00	2659	cum	10629
3	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		1	7	3.8	0.4	10.64			
		2	3.4	2	0.4	5.44			
						16.08	371	CUM	5966
4	Providing and laying design mix reinforcement cement concrete with crushed graded stone aggregate 20mm nominal size using batching plant, transit mixer and concrete pump, in all works upto floor five level excluding cost of reinforcement and form work.								

	:3 (1 cement : 1½ coarse sand : 3 aded stone aggregate 20mm nominal size). Culvert	9	1.3	1.3	0.45	6.84			
	col.	9	0.2	0.2	4.65	1.67			
	p.beam	3	6.8	0.2	0.3	1.22			
		2	5.8	0.2	0.3	0.70			
		1	2	0.2	0.2	0.08			
	l/s beam	6	6.8	0.2	0.2	1.63			
		4	5.8	0.2	0.2	0.93			
		2	2	0.2	0.2	0.16			
	chhajja	4	1.6	0.45	0.08	0.23			
	slab	1	7.4	6.4	0.12	5.68			
						19.15	4163	cum	79730
5	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 all complete:								
	Cold twisted bar / Hot rolled deformed steel	100	19.15			1915	53.5	kg	102453
6	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	Foundations, footings, base of columns and plinth beam in any shape and size.	9	5.2		0.5	23.4			
		9	0.8		1.35	9.72			
	c/l length	2	23		0.3	13.8			
						46.92	139	sqm	6522
	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
	slab	1	7	3.8		26.6			
		2	3.4	2		13.6			
		9	0.8		3.3	23.76			
	l/s beam	12	6.8		0.3	24.48			
		8	5.8		0.3	13.92			
		4	2		0.3	2.4			
	chhajja	4	1.6	0.45		2.88			
						107.64	235	sqm	25295

7	viding and laying ceramic glazed floor es 300x300mm conforming to IS : 15622 of approved make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.								
		1	7	3.8		26.6			
		2	3.4	2		13.6			
						40.2	692	sqm	27818
	skriting	1	21.6		0.15	3.24			
		2	10.8		0.15	3.24			
						6.48	587	sqm	3804
8	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in:								
	Cement Mortar 1:6 (1 cement : 6 coarse sand)	1	36.4	0.2	1.05	7.644			
		2	1.5	0.2	0.3	0.18			
						7.824	3263	cum	25530
	Extra for brick work in superstructure:	1	36.4	0.2	3.3	24.024			
		1	27.2	0.2	0.75	4.08			
	deduction d	-3	1.2	0.2	2.1	-1.512			
	w	-4	0.9	0.2	1.2	-0.864			
						25.728	3384	cum	87064
9	12mm thick cement plaster of mix:								
	In Cement Mortar 1:5 (1 cement : 5 fine sand)								
		1	36.4		3.3	120.12	96.5	sqm	11592
10	15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	In Cement Mortar 1:5 (1 cement : 5 fine sand)	1	36.4		4.2	152.88			
	dection d	-3	1.2		2.1	-7.56			
	w	-4	0.9		1.2	-4.32			
						141	113	sqm	15933
11	Structural steel work riveted or bolted or welded in built-up sections, trusses and frames work upto a height of 5m above plinth level, including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer.	1	300			300	79..	kg	23850
12	Wall painting with acrylic luxury emulsion (plastic) paint (top most approved branded quality) to give an even shade.								