

**BILL OF QUANTITIES**

**SUNIL**

Date 03 - February - 2004

SI No	Description	Quantity	Unit	Rate	Amount
<b>GROUND FLOOR</b>					
<b>EARTH WORKS</b>					
1	<b>EARTH WORKS EXCAVATION</b> : Earth work excavation for foundation trenches in all classes of soil and depositing on bank with initial lead upto 50 mt. and lift upto 1.5 m including breaking clods , watering ramming and sectioning of spoil bank etc. complete.	55.76	Cu.M		
2	<b>EARTH WORKS FILLING PLINTH USING EARTH OUTSIDE</b> : Filling the plinth and side of the foundation with the earth brought from outside the site including breaking clodes,levelling,watering,ramming etc. complete as instructed by the site engineers. Measurements will be taken only the filledand compacted earth.	44.53	Cu.M		
<b>PCC</b>					
3	<b>PCC FOUNDATION 1:4:8</b> : Providing and laying P.C.C. 1:4:8 using 40mm nominal size broken stone well consolidated including curing etc. complete for foundation.	4.14	Cu.M		
4	<b>PCC FLOORING 1:4:8 CuM</b> : Providing and laying P.C.C . 1:4:8 using 40mm nominal size broken stone well consolidated 100mm thick including ramming, curing etc. complete for flooring.	17.60	Cu.M		
<b>RUBBLE MASONRY</b>					
5	<b>DRM FOUNDATION</b> : Dry random rubble masonry for foundation using approved quality rubble, at all heights with necessary binding stones etc. in line and levels instructed by the site engineer including the scaffolding charge etc. complete. .	44.60	Cu.M		
6	<b>RRM BASEMENT CM 1:6</b> : Random rubble masonry in C.M 1:6 for basement using approved quality rubble, at all heights with necessary binding stones etc. in line and levels instructed nby the site engineer including the scaffolding charge etc. complete.	13.93	Cu.M		
<b>RCC</b> Reinforced cement concrete using 20mm machine crushed blue metal including all form work, watering, curing etc. complete, but excluding the cost of reinforcement. Steel staging and supports along with shutter ply or steel plates to be used and machine mixing and mechanical vibration to be done to the satisfaction of the site engineer.The rate includes application of double stage form work and the application of approved brand of mould releasing agents.					

SINo	Description	Quantity	Unit	Rate	Amount
7	<b>RCC LINTELS M15</b> : RCC for Lintels using M15.	1.42	Cu.M		
8	<b>RCC SUN SHADES M15</b> : RCC for Sun Shades using M15.	2.43	Cu.M		
9	<b>RCC ROOF SLABS M15</b> : RCC for Roof Slabs using M15.	16.21	Cu.M		
10	<b>RCC COLUMNS M20</b> : RCC for Columns using M20.	0.55	Cu.M		
11	<b>RCC COLUMNS ROUND M20</b> : RCC for Columns Round using M20.	0.85	Cu.M		
<b>STEEL REQUIREMENTS</b> Supplying, cutting, bending and straightening reinforcement for R.C.C work; binding with 22 gauge binding wire etc. complete in all respects with deformed bars conforming to I.S 1786-1961 or IS 1139 and placing in position. Weight of steel=7850 Kg/m <sup>3</sup> .					
12	<b>STEEL REQUIREMENTS</b> : Steel Requirements for Columns, Beams, Lintels, Slabs etc.	1,812.09	Kg		
13	<b>STEEL REQUIREMENTS BAR WISE</b> : Steel Requirements for Columns, Beams, Lintels, Slabs etc.	780.14	Kg		
<b>BRICK WORKS</b>					
14	<b>BRICK WORKS CM 1:6</b> : First class brick work masonry in C. M. 1:6 (1 cement 6 coarse sand) with approved good quality country burnt bricks of compressive strength 35 kg/m <sup>2</sup> of standard size of on super structure of all thickness. The rate shall include cost of all materials labour and other incidental charges of all materials to complete the work.	48.86	Cu.M		
<b>FLOOR AND WALL FINISHES</b>					
15	<b>FLOOR FINISHING CERAMIC TILES</b> : Flooring with cermic tiles 225x225mm (NS) laid in 12mm thick cement 1:3 one coat and pointing with coloured coment to mortar the tiles including cost of materials labour charge etc. complete for all levels.	9.12	Sq.M		
<b>DOORS AND WINDOWS</b>					
16	<b>FRAMES WOOD</b> : Supplying and fixing of doors and windows frames using good quality wood including M.S. clamps and fittings,fixing complete including a coat of tar at the contact surface of the frame.	1.11	Cu.M		
17	<b>SHUTTERS WOOD PANELLED</b> : Supplying and fixing of shutters of good quality panelled wood.	11.28	Sq.M		
18	<b>SHUTTERS WOOD GLAZED</b> : Supplying and fixing of fully glazed shutters of good quality wood.	28.87	Sq.M		
<b>PLASTERING AND POINTING</b>					

SINo	Description	Quantity	Unit	Rate	Amount
19	<b>PLASTERING WALLS CM 1:5 12 MM</b> : Plastering with cement mortar to walls, columns and other structural architectural features at all heights, floated hard and trowelled get smooth finish. The rate shall include provision of grooves scaffolding at any height curing etc. complete as directed by the Engineer.	584.02	Sq.M		
20	<b>PLASTERING CEILINGS AND SLABS CM 1:4</b> : Plastering with cement mortar to ceilings, stairs, steps, slabs and other structural architectural features at all heights, floated hard and trowelled get smooth finish. The rate shall include provision of grooves scaffolding at any height curing etc. complete as directed by the Engineer.	279.58	Sq.M		
21	<b>PLASTERING ROOF TOP CM 1:4 12 MM</b> : Plastering with C.M. 1:4, 12mm thick with a neat flushing coat of cement slurry 2.20kg/m <sup>2</sup> over water proofed roof slab by adding integral water proofing admoretore of approved brand as per specification including etc. complete.	162.08	Sq.M		
<b>PAINTING</b>					
22	<b>PAINTING WALLS CEMENT PAINT</b> : Providing and applying two coats of approved brand and shade water proof cement paint over a coat of cement primer to give an ever shade on plastered surfase thereof includes watering and cleaning surface etc. complete as per the instruction of the site engineer.	584.02	Sq.M		
23	<b>PAINTING CEILINGS AND SLABS CEMENT PAINT</b> : Providing and applying two coats of approved brand and shade water proof cement paint over a coat of cement primer to give an ever shade on plastered surfase thereof includes watering and cleaning surface etc.	279.58	Sq.M		
24	<b>PAINTING ROOFTOPS CEMENT PAINT</b> : Providing and applying two coats of approved brand and shade water proof cement paint over a coat of cement primer to give an ever shade on plastered surfase thereof includes watering and cleaning surface etc. complete as per the instruction of the site engineer.	162.08	Sq.M		