

**Model Estimate for Cattleshed- 3nos**  
**Detailed Estimate**

<b>Heading / Description : 1 - Site Clearing</b>									
1	2.28.1 -- Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. All kinds of soil								
SI No	Description	No	L	B	D	CF	Quantity	Remark	
-									
1	Surface Dressing	1	4.000	3.500		1.0	14.0000	-	
LIST									
Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)		
0114	Beldar	Day	0.0197	271.00	5.34	0.2758	74.74		
0115	Coolie	Day	0.0129	271.00	3.50	0.1806	48.94		
Total Quantity						14.0000 sqm			
Total Deducted Quantity						0.0000 sqm			
Net Total Quantity						14.00 sqm			
Say 14.0000 sqm @ Rs 8.83 / sqm						123.68			
Unskilled wage	123.68	Unskilled Person-days			0.456				
<b>Heading / Description : 2 - Foundation for GI pipe</b>									
1	4.1.8 -- Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)								
SI No	Description	No	L	B	D	CF	Quantity	Remark	
PCC for solid block wall									
1	-	4	0.450	0.450	0.450	1.0	0.3650	-	
-									
2	Deduction for GI pipe	4	3.14/4	.075*.075		1.0	-0.0180	-	
LIST									
Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)		
0293	Stone Aggregate(single size): 40 mm nominal size	cum	0.6500	2070.00	1345.50	0.2256	466.89		
0295	Stone Aggregate(single size):20 mm nominal size	cum	0.2400	2150.00	516.00	0.0833	179.05		

2206	Stone aggregate 40 mm nominal size and above	cum	0.6500	0.00	0.00	0.2256	0.00		
2202	Stone aggregate below 40 mm nominal size	cum	0.2400	0.00	0.00	0.0833	0.00		
0982	Coarse sand (zone III)	cum	0.4700	2150.00	1010.50	0.1631	350.64		
2203	Coarse sand	cum	0.4700	0.00	0.00	0.1631	0.00		
0367	Portland Cement	tonne	0.1700	8400.00	1428.00	0.0590	495.52		
2209	Cement	tonne	0.1700	0.00	0.00	0.0590	0.00		
0155	Mason (average)	Day	0.1000	950.00	95.00	0.0347	32.97		
0114	Beldar	Day	1.6300	271.00	441.73	0.5656	153.28		
0101	Bhisti	Day	0.7000	800.00	560.00	0.2429	194.32		
0002	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Day	0.0700	2400.00	168.00	0.0243	58.30		
0012	Vibrator (Needle type 40 mm)	Day	0.0700	500.00	35.00	0.0243	12.14		
9999	Sundries	L.S	13.5200	3.00	40.56	4.6914	14.07		
Total Quantity						0.3650 cum			
Total Deducted Quantity						-0.0180 cum			
Net Total Quantity						0.35 cum			
Say 0.3470 cum @ Rs 5640.29 / cum						1957.18			
Unskilled wage	153.28	Unskilled Person-days			0.566				
2	<b>80.3</b> -- Earthwork in excavation by manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10 m2 on plan) including disposal of excavated earth lead upto 50m and lift upto 1.5m disposed earth to be levelled and neatly dressed for Open areas   All kinds of soil								
<b>SI No</b>	<b>Description</b>	<b>No</b>	<b>L</b>	<b>B</b>	<b>D</b>	<b>CF</b>	<b>Quantity</b>	<b>Remark</b>	
-									
1	Earthwork	4	0.450	0.450	0.450	1.0	0.3650	-	
<b>LIST</b>									
<b>Code</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate(Rs)</b>	<b>Amount(Rs)</b>	<b>Total Quantity</b>	<b>Total Amount(Rs)</b>		
0128	Mate	Day	0.0150	271.00	4.07	0.0055	1.48		
0115	Coolie	Day	0.3750	271.00	101.62	0.1369	37.09		
Total Quantity						0.3650 cum			
Total Deducted Quantity						0.0000 cum			
Net Total Quantity						0.37 cum			
Say 0.3650 cum @ Rs 105.69 / cum						38.58			
Unskilled wage	38.58	Unskilled Person-days			0.142				

**Heading / Description : 3 - Floor PCC**

1	4.1.5 -- Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)							
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SI No	Description	No	L	B	D	CF	Quantity	Remark
Floor PCC								
1	Floor PCC	1	3.900	3.600	0.100	1.0	1.4040	-
-								
2	concrete bedding	1	11.100	0.070	0.050	1.0	0.0390	-

**LIST**

Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)
0295	Stone Aggregate(single size):20 mm nominal size	cum	0.7000	2150.00	1505.00	1.0101	2171.71
0297	Stone Aggregate(single size): 10 mm nominal size	cum	0.2400	2380.00	571.20	0.3463	824.24
2202	Stone aggregate below 40 mm nominal size	cum	0.9400	0.00	0.00	1.3564	0.00
0982	Coarse sand (zone III)	cum	0.4700	2150.00	1010.50	0.6782	1458.15
2203	Coarse sand	cum	0.4700	0.00	0.00	0.6782	0.00
0367	Portland Cement	tonne	0.2200	8400.00	1848.00	0.3175	2666.66
2209	Cement	tonne	0.2200	0.00	0.00	0.3175	0.00
0155	Mason (average)	Day	0.1000	950.00	95.00	0.1443	137.08
0114	Beldar	Day	1.6300	271.00	441.73	2.3521	637.42
0101	Bhisti	Day	0.7000	800.00	560.00	1.0101	808.08
0002	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Day	0.0700	2400.00	168.00	0.1010	242.42
0012	Vibrator (Needle type 40 mm)	Day	0.0700	500.00	35.00	0.1010	50.51
9999	Sundries	L.S	13.5200	3.00	40.56	19.5094	58.53

Total Quantity 1.4430 cum

Total Deducted Quantity 0.0000 cum

Net Total Quantity 1.44 cum

Say 1.4430 cum @ Rs 6274.99 / cum 9054.81

Unskilled wage	637.42	Unskilled Person-days	2.352
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**Heading / Description : 4 - Structural steel**

1	10.16.1 -- Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot							
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	finished welded type tubes							
SI No	Description	No	L	B	D	CF	Quantity	Remark
	-							
1	75 mm dia Pipe (side pillar)	2	3.950			4.33	34.2070	-
	-							
2	75mm dia GI pipe (lower end)	2	2.750			4.33	23.8150	-
	-							
3	75x37.5mm rectangular section pipe	5	4.100			2.53	51.8650	-
	-							
4	75x37.5 mm rectangular section pipe	2	3.600			2.53	18.2380	-
	-							
5	25x25 square pipe	6	4.300			1.05	27.0900	-
	-							
6	bonding (75x37.5)	4	0.100			2.53	1.0130	-
<b>LIST</b>								
Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)	
4009	Mild steel tubes hot finished welded type	kilogram	1.0504	58.00	60.92	164.1050	9518.09	
2205	Steel	tonne	0.0011	0.00	0.00	0.1641	0.00	
13.50.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron /steel works	sqm	0.0235	34.51	0.81	3.6760	126.85	
1215	Welding by electric plant	cm	3.0000	4.00	12.00	468.6840	1874.74	
0102	Blacksmith 1st class	Day	0.0126	950.00	11.97	1.9693	1870.80	
0100	Bandhani	Day	0.0063	800.00	5.04	0.9846	787.70	
0114	Beldar	Day	0.0462	271.00	12.53	7.2206	1956.79	
9999	Sundries	L.S	0.6784	3.00	2.04	105.9856	317.96	
Total Quantity						156.2280 kg		
Total Deducted Quantity						0.0000 kg		
Net Total Quantity						156.23 kg		
Say 156.2280 kg @ Rs 105.31 / kg						16452.93		
Unskilled	1980.70	Unskilled Person-days			7.309			

wage								
<b>Heading / Description : 5 - Roofing</b>								
1	12.1.3 -- Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete ( up to any pitch in horizontal / vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 0.63 mm thick with zinc coating not less than 275 gm/m2							
<b>SI No</b>	<b>Description</b>	<b>No</b>	<b>L</b>	<b>B</b>	<b>D</b>	<b>CF</b>	<b>Quantity</b>	<b>Remark</b>
-								
1	Roofing	1	4.200	4.500		1.0	18.9000	-
<b>LIST</b>								
<b>Code</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate(Rs)</b>	<b>Amount(Rs)</b>	<b>Total Quantity</b>	<b>Total Amount(Rs)</b>	
3050	Galvanised steel corrugated sheets	quintal	0.0835	7290.00	608.82	1.5784	11506.76	
2302	G.I. Sheet and accessories	tonne	0.0083	0.00	0.00	0.1577	0.00	
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots	10 nos	4.7909	3.90	18.68	90.5473	353.13	
1023	Galvanised steel J or L hooks 8 mm dia	10 nos	4.3898	15.90	69.80	82.9675	1319.18	
1207	G.I Limpet washer	50 nos	9.1807	0.98	9.00	173.5148	170.04	
1208	Bitumen washer	50 nos	9.1807	0.96	8.81	173.5148	166.57	
9999	Sundries	L.S	0.1458	3.00	0.44	2.7564	8.27	
9999	Sundries	L.S	0.2917	3.00	0.88	5.5127	16.54	
0130	Mistry	Day	0.0070	800.00	5.64	0.1332	106.53	
0112	Carpenter 2nd class	Day	0.0840	900.00	75.60	1.5876	1428.88	
0114	Beldar	Day	0.0840	271.00	22.76	1.5876	430.25	
4202	Red oxide Zinc chromate primer	Litre	0.0137	78.00	1.07	0.2591	20.21	
9999	Sundries	L.S	0.0028	3.00	0.01	0.0533	0.16	
0131	Painter	Day	0.0061	850.00	5.21	0.1157	98.38	
0115	Coolie	Day	0.0061	271.00	1.66	0.1157	31.37	
9999	Sundries	L.S	0.2741	3.00	0.82	5.1798	15.54	
0845	Roofing paint for iron sheets in red colour	Litre	0.0203	173.00	3.52	0.3841	66.45	
9999	Sundries	L.S	0.0366	3.00	0.11	0.6924	2.08	
0131	Painter	Day	0.0137	850.00	11.65	0.2591	220.27	
0115	Coolie	Day	0.0137	271.00	3.72	0.2591	70.23	

9999	Sundries	L.S	0.1733	3.00	0.52	3.2757	9.83	
9999	Sundries	L.S	0.2064	3.00	0.62	3.9015	11.70	
Total Quantity					18.9000 sqm			
Total Deducted Quantity					0.0000 sqm			
Net Total Quantity					18.90 sqm			
Say 18.9000 sqm @ Rs 849.33 / sqm					16052.40			
Unskilled wage	531.85	Unskilled Person-days		1.963				

**Heading / Description : 6 - Solid block side wall**

1 **80.5.6.2.1** -- Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15 cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 15cm in: CM 1:6 ( 1 cement :6 coarse sand) etc complete

SI No	Description	No	L	B	D	CF	Quantity	Remark
-								
1	Brick masonry	1	3.900	0.150	1.200	1.0	0.7020	-

**LIST**

Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)
MR4	Solid blocks of size 30x20x15cm	each	103.0000	34.00	3502.00	72.3060	2458.40
3.11	Cement mortar 1:6 (1 cement : 6 coarse sand).	cum	0.0900	4781.04	430.29	0.0632	302.07
9999	Sundries	L.S	2.7300	3.00	8.19	1.9165	5.75
0123	Mason (brick layer) 1st class	Day	0.4000	1000.00	400.00	0.2808	280.80
0124	Mason (brick layer )2nd class	Day	0.4000	950.00	380.00	0.2808	266.76
0115	Coolie	Day	1.4600	271.00	395.66	1.0249	277.75
0101	Bhisti	Day	0.4500	800.00	360.00	0.3159	252.72

Total Quantity					0.7020 cum			
Total Deducted Quantity					0.0000 cum			
Net Total Quantity					0.70 cum			
Say 0.7020 cum @ Rs 5476.14 / cum					3844.25			

Unskilled wage	290.59	Unskilled Person-days		1.072				
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**Heading / Description : 7 - Side fencing**

1 **80.8.26** -- Providing and Fixing welded wire mesh of 10G of size (25.4mm x 25.4mm) to frame

SI No	Description	No	L	B	D	CF	Quantity	Remark
-								
1	Side Fencing	1	11.100	1.000		1.0	11.1000	-

-								
2	Door side	1	1.200	1.000		1.0	-1.2000	-
-								
3	Door 2	1	0.750	1.000		1.0	-0.7500	-
<b>LIST</b>								
Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)	
MR113	Galvanised wire mesh of average width of aperture 1.4 and nominal dia. of wire 0.63 mm	sqm	1.0000	260.00	260.00	9.1500	2379.00	
1219	Wire nails	kilogram	0.2500	87.00	21.75	2.2875	199.01	
0114	Beldar	Day	0.2200	271.00	59.62	2.0130	545.52	
Total Quantity						11.1000 sqm		
Total Deducted Quantity						-1.9500 sqm		
Net Total Quantity						9.15 sqm		
Say 9.1500 sqm @ Rs 341.37 / sqm						3123.54		
Unskilled wage	545.52	Unskilled Person-days			2.013			
2	<b>10.1</b> -- Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.							
SI No	Description	No	L	B	D	CF	Quantity	Remark
-								
1	30x30x3 (L section)	2	3.900			1.34	10.4520	-
2	-	2	1.600			1.34	4.2880	-
-								
3	30x30x3 (L section)	2	2.100			1.34	5.6280	-
4	-	2	1.600			1.34	4.2880	-
-								
5	30x30x3 (L section)	2	2.850			1.34	7.6380	-
6	30x30x3 (Lsection)	2	1.600			1.34	4.2880	-
-								
7	20x20x3 mm (L section)	9	1.600			0.87	12.5280	-
<b>LIST</b>								
Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)	
1007	Structural steel such as tees, angles, channels and R.S. joists	quintal	0.0105	5850.00	61.43	0.5157	3016.58	

2205	Steel	tonne	0.0011	0.00	0.00	0.0516	0.00		
0116	Fitter(grade1)	Day	0.0050	950.00	4.75	0.2456	233.27		
0103	Blacksmith 2nd class	Day	0.0075	900.00	6.75	0.3683	331.49		
0114	Beldar	Day	0.0100	271.00	2.71	0.4911	133.09		
13.50.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron /steel works	sqm	0.0300	34.51	1.04	1.4733	50.84		
9999	Sundries	L.S	0.2067	3.00	0.62	10.1510	30.45		
Total Quantity					49.1100 kilogram				
Total Deducted Quantity					0.0000 kilogram				
Net Total Quantity					49.11 kilogram				
Say 49.1100 kilogram @ Rs 77.29 / kilogram					3795.73				
Unskilled wage	142.67	Unskilled Person-days		0.526					
<b>Heading / Description : 8 - Door</b>									
1	10.5.1 -- Providing and fixing 1 mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces								
<b>SI No</b>	<b>Description</b>	<b>No</b>	<b>L</b>	<b>B</b>	<b>D</b>	<b>CF</b>	<b>Quantity</b>	<b>Remark</b>	
-									
1	Door 1	1	1.200	1.500		1.0	1.8000	-	
-									
2	Door 2	1	0.750	1.500		1.0	1.1250	-	
<b>LIST</b>									
<b>Code</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate(Rs)</b>	<b>Amount(Rs)</b>	<b>Total Quantity</b>	<b>Total Amount(Rs)</b>		
1013	Mild steel sheets for tanks	quintal	0.0863	6700.00	578.11	0.2524	1690.96		
1013	Mild steel sheets for tanks	quintal	0.0266	6700.00	177.97	0.0777	520.56		
1007	Structural steel such as tees, angles, channels and R.S. joists	quintal	0.1625	5850.00	950.62	0.4753	2780.58		
2205	Steel	tonne	0.0275	0.00	0.00	0.0805	0.00		
1036	Iron pintels including welded pin	each	0.6944	56.00	38.89	2.0313	113.75		
1222	Mild steel sheets with bolts and nuts to rest on pintels	each	0.6944	183.00	127.08	2.0313	371.72		
1019	Mild steel hooks	each	0.3472	50.00	17.36	1.0156	50.78		

9999	Sundries	L.S	29.1146	3.00	87.34	85.1602	255.48		
9999	Sundries	L.S	46.7188	3.00	140.16	136.6523	409.96		
13.50.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron /steel works	sqm	2.6753	34.51	92.32	7.8254	270.05		
0116	Fitter(grade1)	Day	0.3472	950.00	329.86	1.0156	964.84		
0102	Blacksmith 1st class	Day	0.5208	950.00	494.79	1.5234	1447.27		
0103	Blacksmith 2nd class	Day	0.6944	900.00	625.00	2.0313	1828.12		
0123	Mason (brick layer) 1st class	Day	0.0104	1000.00	10.42	0.0305	30.47		
0124	Mason (brick layer )2nd class	Day	0.0104	950.00	9.90	0.0305	28.95		
0114	Beldar	Day	0.8681	271.00	235.24	2.5391	688.09		
9999	Sundries	L.S	28.0313	3.00	84.09	81.9914	245.97		
Total Quantity							2.9250 sqm		
Total Deducted Quantity							0.0000 sqm		
Net Total Quantity							2.93 sqm		
Say 2.9250 sqm @ Rs 3999.16 / sqm							11697.54		
Unskilled wage	738.98	Unskilled Person-days			2.727				
<b>Heading / Description : 9 - Manger</b>									
1	80.5.6.2.1 -- Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15 cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 15cm in: CM 1:6 ( 1 cement :6 coarse sand) etc complete								
<b>SI No</b>	<b>Description</b>	<b>No</b>	<b>L</b>	<b>B</b>	<b>D</b>	<b>CF</b>	<b>Quantity</b>	<b>Remark</b>	
-									
1	Brick wall for pultotti	1	3.900	0.150	0.300	1.0	0.1750	-	
-									
2	-	2	0.750	0.150	0.300	1.0	0.0670	-	
<b>LIST</b>									
<b>Code</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate(Rs)</b>	<b>Amount(Rs)</b>	<b>Total Quantity</b>	<b>Total Amount(Rs)</b>		
MR4	Solid blocks of size 30x20x15cm	each	103.0000	34.00	3502.00	24.9260	847.48		
3.11	Cement mortar 1:6 (1 cement : 6 coarse sand).	cum	0.0900	4781.04	430.29	0.0218	104.13		
9999	Sundries	L.S	2.7300	3.00	8.19	0.6607	1.98		
0123	Mason (brick layer) 1st	Day	0.4000	1000.00	400.00	0.0968	96.80		

	class								
0124	Mason (brick layer )2nd class	Day	0.4000	950.00	380.00	0.0968	91.96		
0115	Coolie	Day	1.4600	271.00	395.66	0.3533	95.75		
0101	Bhisti	Day	0.4500	800.00	360.00	0.1089	87.12		
Total Quantity							0.2420 cum		
Total Deducted Quantity							0.0000 cum		
Net Total Quantity							0.24 cum		
Say 0.2420 cum @ Rs 5476.14 / cum							1325.23		
Unskilled wage	100.18	Unskilled Person-days			0.37				
2	2.25 -- Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.								
<b>SI No</b>	<b>Description</b>	<b>No</b>	<b>L</b>	<b>B</b>	<b>D</b>	<b>CF</b>	<b>Quantity</b>	<b>Remark</b>	
-									
1	Earth filling	1	3.900	0.200	0.750	1.0	0.5850	-	
<b>LIST</b>									
<b>Code</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate(Rs)</b>	<b>Amount(Rs)</b>	<b>Total Quantity</b>	<b>Total Amount(Rs)</b>		
0128	Mate	Day	0.0200	271.00	5.42	0.0117	3.17		
0115	Coolie	Day	0.2500	271.00	67.75	0.1463	39.63		
0101	Bhisti	Day	0.0200	800.00	16.00	0.0117	9.36		
Total Quantity							0.5850 cum		
Total Deducted Quantity							0.0000 cum		
Net Total Quantity							0.59 cum		
Say 0.5850 cum @ Rs 89.17 / cum							52.16		
Unskilled wage	42.80	Unskilled Person-days			0.158				
3	4.1.5 -- Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)								
<b>SI No</b>	<b>Description</b>	<b>No</b>	<b>L</b>	<b>B</b>	<b>D</b>	<b>CF</b>	<b>Quantity</b>	<b>Remark</b>	
-									
1	PCC	1	3.900	0.750	0.050	1.0	0.1460	-	
-									
2	Curving the manger	1	3.600	0.01242		1.0	0.0450	-	
<b>LIST</b>									
<b>Code</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate(Rs)</b>	<b>Amount(Rs)</b>	<b>Total Quantity</b>	<b>Total Amount(Rs)</b>		
0295	Stone Aggregate(single	cum	0.7000	2150.00	1505.00	0.1337	287.45		

	size):20 mm nominal size							
0297	Stone Aggregate(single size): 10 mm nominal size	cum	0.2400	2380.00	571.20	0.0458	109.10	
2202	Stone aggregate below 40 mm nominal size	cum	0.9400	0.00	0.00	0.1795	0.00	
0982	Coarse sand (zone III)	cum	0.4700	2150.00	1010.50	0.0898	193.01	
2203	Coarse sand	cum	0.4700	0.00	0.00	0.0898	0.00	
0367	Portland Cement	tonne	0.2200	8400.00	1848.00	0.0420	352.97	
2209	Cement	tonne	0.2200	0.00	0.00	0.0420	0.00	
0155	Mason (average)	Day	0.1000	950.00	95.00	0.0191	18.15	
0114	Beldar	Day	1.6300	271.00	441.73	0.3113	84.37	
0101	Bhisti	Day	0.7000	800.00	560.00	0.1337	106.96	
0002	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Day	0.0700	2400.00	168.00	0.0134	32.09	
0012	Vibrator (Needle type 40 mm)	Day	0.0700	500.00	35.00	0.0134	6.69	
9999	Sundries	L.S	13.5200	3.00	40.56	2.5823	7.75	
Total Quantity						0.1910 cum		
Total Deducted Quantity						0.0000 cum		
Net Total Quantity						0.19 cum		
Say 0.1910 cum @ Rs 6274.99 / cum						1198.52		
Unskilled wage	84.37	Unskilled Person-days			0.311			
<b>Heading / Description : 10 - Plumbing</b>								
1	<b>80.5.18.9.9.1</b> -- Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of Joints complete as per direction of engineer in charge.110 mm dia 6Kgf/cm2							
<b>SI No</b>	<b>Description</b>	<b>No</b>	<b>L</b>	<b>B</b>	<b>D</b>	<b>CF</b>	<b>Quantity</b>	<b>Remark</b>
-								
1	GI pipe for Spacer Pole	4	1.600			1.0	6.4000	-
-								
2	Protection for GI pipe	4	1.200			1.0	4.8000	-
<b>LIST</b>								
<b>Code</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate(Rs)</b>	<b>Amount(Rs)</b>	<b>Total Quantity</b>	<b>Total Amount(Rs)</b>	
MR54	PVC pipe 110 mm outer dia 6kgf/cm2	metre	1.0500	268.00	281.40	11.7600	3151.68	
0116	Fitter(grade1)	Day	0.0370	950.00	35.15	0.4144	393.68	

0114	Beldar	Day	0.0970	271.00	26.29	1.0864	294.41	
0114	Beldar	Day	0.0800	271.00	21.68	0.8960	242.82	
0115	Coolie	Day	0.0800	271.00	21.68	0.8960	242.82	
Total Quantity					11.2000 metre			
Total Deducted Quantity					0.0000 metre			
Net Total Quantity					11.20 metre			
Say 11.2000 metre @ Rs 386.2 / metre					4325.41			
Unskilled wage	780.05	Unskilled Person-days		2.878				

2 **80.5.18.9.3.2** -- Providing and fixing PVC pipes includes jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 25 mm dia 10KGF/cm2

SI No	Description	No	L	B	D	CF	Quantity	Remark
-								
1	25mm dia for water supply to automatic waterer & cleaning provision	1	8.000			1.0	8.0000	-

#### LIST

Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)
MR43	PVC pipe 25 mm outer dia. 10kgf cm2	metre	1.1500	29.00	33.35	9.2000	266.80
0116	Fitter(grade1)	Day	0.0120	950.00	11.40	0.0960	91.20
0114	Beldar	Day	0.0250	271.00	6.78	0.2000	54.20
0114	Beldar	Day	0.0660	271.00	17.89	0.5280	143.09
0115	Coolie	Day	0.0660	271.00	17.89	0.5280	143.09
Total Quantity					8.0000 metre		
Total Deducted Quantity					0.0000 metre		
Net Total Quantity					8.00 metre		
Say 8.0000 metre @ Rs 87.3 / metre					698.38		
Unskilled wage	340.38	Unskilled Person-days		1.256			

3 **80.5.18.9.7.2** -- Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.63 mm dia 4 Kgf/cm2

SI No	Description	No	L	B	D	CF	Quantity	Remark
-								
1	urine channel	2.5				1.0	2.5000	-

#### LIST

Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)
------	-------------	------	----------	----------	------------	----------------	------------------

MR51	PVC pipe 63 mm outer dia. 4 kgf/cm2	metre	1.0500	72.00	75.60	2.6250	189.00		
0116	Fitter(grade1)	Day	0.0250	950.00	23.75	0.0625	59.38		
0114	Beldar	Day	0.0660	271.00	17.89	0.1650	44.72		
0114	Beldar	Day	0.0660	271.00	17.89	0.1650	44.72		
0115	Coolie	Day	0.0660	271.00	17.89	0.1650	44.72		
Total Quantity						2.5000 metre			
Total Deducted Quantity						0.0000 metre			
Net Total Quantity						2.50 metre			
Say 2.5000 metre @ Rs 153.01 / metre						382.52			
Unskilled wage	134.15	Unskilled Person-days			0.495				
4	80.5.18.9.20.4 -- Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia Bend								
<b>SI No</b>	<b>Description</b>	<b>No</b>	<b>L</b>	<b>B</b>	<b>D</b>	<b>CF</b>	<b>Quantity</b>	<b>Remark</b>	
-									
1	-	1				1.0	1.0000	-	
<b>LIST</b>									
<b>Code</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate(Rs)</b>	<b>Amount(Rs)</b>	<b>Total Quantity</b>	<b>Total Amount(Rs)</b>		
MR60	PVC bend 63 mm dia	each	1.0000	35.00	35.00	1.0000	35.00		
9999	Sundries	L.S	2.7300	3.00	8.19	2.7300	8.19		
9999	Sundries	L.S	9.3600	3.00	28.08	9.3600	28.08		
Total Quantity						1.0000 no			
Total Deducted Quantity						0.0000 no			
Net Total Quantity						1.00 no			
Say 1.0000 no @ Rs 71.27 / no						71.27			
<b>Heading / Description : 11 - Spacer pole</b>									
1	4.1.3 -- Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)								
<b>SI No</b>	<b>Description</b>	<b>No</b>	<b>L</b>	<b>B</b>	<b>D</b>	<b>CF</b>	<b>Quantity</b>	<b>Remark</b>	
-									
1	Spacer Pole	4	3.14/4	.11*.11	1.500	1.0	0.0570	-	
-									
2	spacer foundation	4	0.300	0.300	0.300	1.0	0.1080	-	
<b>LIST</b>									
<b>Code</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate(Rs)</b>	<b>Amount(Rs)</b>	<b>Total Quantity</b>	<b>Total Amount(Rs)</b>		
0295	Stone Aggregate(single	cum	0.6700	2150.00	1440.50	0.1106	237.68		

	size):20 mm nominal size							
0297	Stone Aggregate(single size): 10 mm nominal size	cum	0.2200	2380.00	523.60	0.0363	86.39	
2202	Stone aggregate below 40 mm nominal size	cum	0.8900	0.00	0.00	0.1469	0.00	
0982	Coarse sand (zone III)	cum	0.4450	2150.00	956.75	0.0734	157.86	
2203	Coarse sand	cum	0.4450	0.00	0.00	0.0734	0.00	
0367	Portland Cement	tonne	0.3200	8400.00	2688.00	0.0528	443.52	
2209	Cement	tonne	0.3200	0.00	0.00	0.0528	0.00	
0155	Mason (average)	Day	0.1000	950.00	95.00	0.0165	15.68	
0114	Beldar	Day	1.6300	271.00	441.73	0.2690	72.89	
0101	Bhisti	Day	0.7000	800.00	560.00	0.1155	92.40	
0002	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Day	0.0700	2400.00	168.00	0.0116	27.72	
0012	Vibrator (Needle type 40 mm)	Day	0.0700	500.00	35.00	0.0116	5.78	
9999	Sundries	L.S	14.3000	3.00	42.90	2.3595	7.08	
Total Quantity						0.1650 cum		
Total Deducted Quantity						0.0000 cum		
Net Total Quantity						0.17 cum		
Say 0.1650 cum @ Rs 6951.48 / cum						1146.99		
Unskilled wage	72.89	Unskilled Person-days			0.269			
2	5.22.6 -- Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars							
<b>SI No</b>	<b>Description</b>	<b>No</b>	<b>L</b>	<b>B</b>	<b>D</b>	<b>CF</b>	<b>Quantity</b>	<b>Remark</b>
-								
1	-	1				12.0	12.0000	-
<b>LIST</b>								
<b>Code</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate(Rs)</b>	<b>Amount(Rs)</b>	<b>Total Quantity</b>	<b>Total Amount(Rs)</b>	
1005	Twisted steel/deformed bars	quintal	0.0105	5650.00	59.33	0.1260	711.90	
2205	Steel	tonne	0.0011	0.00	0.00	0.0126	0.00	
9999	Sundries	L.S	0.2600	3.00	0.78	3.1200	9.36	
0102	Blacksmith 1st class	Day	0.0100	950.00	9.50	0.1200	114.00	
0114	Beldar	Day	0.0100	271.00	2.71	0.1200	32.52	
9999	Sundries	L.S	0.2691	3.00	0.81	3.2292	9.69	
Total Quantity						12.0000 kilogram		

Total Deducted Quantity						0.0000 kilogram		
Net Total Quantity						12.00 kilogram		
Say 12.0000 kilogram @ Rs 73.12 / kilogram						877.47		
Unskilled wage	32.52	Unskilled Person-days				0.12		

#### Heading / Description : 12 - Plastering

1	13.1.2 -- 12 mm cement plaster of mix: 1:6 (1 cement : 6 fine sand).							
SI No	Description	No	L	B	D	CF	Quantity	Remark
-								
1	Plastering	1	3.900	1.200		1.0	4.6800	-
-								
2	-	1	3.900	0.300		1.0	1.1700	-
Plastering Manger								
3	-	1	0.075	3.600		1.0	-0.2700	-
-								
4	-	1	3.600	0.076		1.0	0.2740	-

#### LIST

Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)	
3.6	Cement mortar 1:6 (1 cement : 6 fine sand).	cum	0.0144	4706.14	67.77	0.0843	396.72	
0155	Mason (average)	Day	0.0670	950.00	63.65	0.3922	372.61	
0115	Coolie	Day	0.0750	271.00	20.32	0.4391	118.98	
0101	Bhisti	Day	0.0920	800.00	73.60	0.5386	430.85	
9999	Sundries	L.S	1.2610	3.00	3.78	7.3819	22.15	
Total Quantity						6.1240 sqm		
Total Deducted Quantity						-0.2700 sqm		
Net Total Quantity						5.85 sqm		
Say 5.8540 sqm @ Rs 229.13 / sqm						1341.31		
Unskilled wage	136.12	Unskilled Person-days				0.502		

#### Heading / Description : 13 - Urine tank

1	80.27 -- Earthwork excavation in ordinary soil and depositing with lead upto 50m and lift upto 1.5m including near banking for well construction							
SI No	Description	No	L	B	D	CF	Quantity	Remark
-								
1	Earth work	1	1.200	1.200	1.050	1.0	1.5120	-
LIST								
Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)	

0115	Coolie	Day	0.2063	271.00	55.91	0.3119	84.53		
0101	Bhisti	Day	0.0900	800.00	72.00	0.1361	108.86		
Total Quantity					1.5120 cum				
Total Deducted Quantity					0.0000 cum				
Net Total Quantity					1.51 cum				
Say 1.5120 cum @ Rs 127.91 / cum					193.40				
Unskilled wage	84.53	Unskilled Person-days			0.312				
2	<b>80.5.6.2.1</b> -- Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15 cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 15cm in: CM 1:6 ( 1 cement :6 coarse sand) etc complete								
<b>SI No</b>	<b>Description</b>	<b>No</b>	<b>L</b>	<b>B</b>	<b>D</b>	<b>CF</b>	<b>Quantity</b>	<b>Remark</b>	
-									
1	-	1	2.100	0.900	0.150	1.0	0.2840	-	
<b>LIST</b>									
<b>Code</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate(Rs)</b>	<b>Amount(Rs)</b>	<b>Total Quantity</b>	<b>Total Amount(Rs)</b>		
MR4	Solid blocks of size 30x20x15cm	each	103.0000	34.00	3502.00	29.2520	994.57		
3.11	Cement mortar 1:6 (1 cement : 6 coarse sand).	cum	0.0900	4781.04	430.29	0.0256	122.20		
9999	Sundries	L.S	2.7300	3.00	8.19	0.7753	2.33		
0123	Mason (brick layer) 1st class	Day	0.4000	1000.00	400.00	0.1136	113.60		
0124	Mason (brick layer )2nd class	Day	0.4000	950.00	380.00	0.1136	107.92		
0115	Coolie	Day	1.4600	271.00	395.66	0.4146	112.37		
0101	Bhisti	Day	0.4500	800.00	360.00	0.1278	102.24		
Total Quantity					0.2840 cum				
Total Deducted Quantity					0.0000 cum				
Net Total Quantity					0.28 cum				
Say 0.2840 cum @ Rs 5476.14 / cum					1555.22				
Unskilled wage	117.56	Unskilled Person-days			0.434				
3	<b>5.22.6</b> -- Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level</br>Thermo - Mechanically Treated bars								
<b>SI No</b>	<b>Description</b>	<b>No</b>	<b>L</b>	<b>B</b>	<b>D</b>	<b>CF</b>	<b>Quantity</b>	<b>Remark</b>	
-									
1	-	4				1.0	4.0000	-	
<b>LIST</b>									

Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)	
1005	Twisted steel/deformed bars	quintal	0.0105	5650.00	59.33	0.0420	237.30	
2205	Steel	tonne	0.0011	0.00	0.00	0.0042	0.00	
9999	Sundries	L.S	0.2600	3.00	0.78	1.0400	3.12	
0102	Blacksmith 1st class	Day	0.0100	950.00	9.50	0.0400	38.00	
0114	Beldar	Day	0.0100	271.00	2.71	0.0400	10.84	
9999	Sundries	L.S	0.2691	3.00	0.81	1.0764	3.23	
Total Quantity						4.0000 kilogram		
Total Deducted Quantity						0.0000 kilogram		
Net Total Quantity						4.00 kilogram		
Say 4.0000 kilogram @ Rs 73.12 / kilogram						292.49		
Unskilled wage	10.84	Unskilled Person-days			0.04			
4	4.1.8 -- Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)							
SI No	Description	No	L	B	D	CF	Quantity	Remark
-								
1	Bottom PCC	1	1.200	1.200	0.150	1.0	0.2160	-
<b>LIST</b>								
Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)	
0293	Stone Aggregate(single size): 40 mm nominal size	cum	0.6500	2070.00	1345.50	0.1404	290.63	
0295	Stone Aggregate(single size):20 mm nominal size	cum	0.2400	2150.00	516.00	0.0518	111.46	
2206	Stone aggregate 40 mm nominal size and above	cum	0.6500	0.00	0.00	0.1404	0.00	
2202	Stone aggregate below 40 mm nominal size	cum	0.2400	0.00	0.00	0.0518	0.00	
0982	Coarse sand (zone III)	cum	0.4700	2150.00	1010.50	0.1015	218.27	
2203	Coarse sand	cum	0.4700	0.00	0.00	0.1015	0.00	
0367	Portland Cement	tonne	0.1700	8400.00	1428.00	0.0367	308.45	
2209	Cement	tonne	0.1700	0.00	0.00	0.0367	0.00	
0155	Mason (average)	Day	0.1000	950.00	95.00	0.0216	20.52	
0114	Beldar	Day	1.6300	271.00	441.73	0.3521	95.41	
0101	Bhisti	Day	0.7000	800.00	560.00	0.1512	120.96	

0002	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Day	0.0700	2400.00	168.00	0.0151	36.29	
0012	Vibrator (Needle type 40 mm)	Day	0.0700	500.00	35.00	0.0151	7.56	
9999	Sundries	L.S	13.5200	3.00	40.56	2.9203	8.76	
Total Quantity							0.2160 cum	
Total Deducted Quantity							0.0000 cum	
Net Total Quantity							0.22 cum	
Say 0.2160 cum @ Rs 5640.29 / cum							1218.30	
Unskilled wage	95.41	Unskilled Person-days			0.352			
5	13.1.1 -- 12 mm cement plaster of mix: 1:4 ( 1 cement : 4 fine sand)							
SI No	Description	No	L	B	D	CF	Quantity	Remark
-								
1	-	4	0.900	0.900		1.0	3.2400	-
<b>LIST</b>								
Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)	
3.4	Cement mortar 1:4 (1 cement : 4 fine sand).	cum	0.0144	5798.14	83.49	0.0467	270.52	
0155	Mason (average)	Day	0.0670	950.00	63.65	0.2171	206.23	
0115	Coolie	Day	0.0750	271.00	20.32	0.2430	65.85	
0101	Bhisti	Day	0.0920	800.00	73.60	0.2981	238.46	
9999	Sundries	L.S	1.2610	3.00	3.78	4.0856	12.26	
Total Quantity							3.2400 sqm	
Total Deducted Quantity							0.0000 sqm	
Net Total Quantity							3.24 sqm	
Say 3.2400 sqm @ Rs 244.85 / sqm							793.32	
Unskilled wage	75.34	Unskilled Person-days			0.278			
6	4.1.3 -- Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)							
SI No	Description	No	L	B	D	CF	Quantity	Remark
-								
1	RCC slab	1	1.050	1.050	0.100	1.0	0.1100	-
<b>LIST</b>								
Code	Description	Unit	Quantity	Rate(Rs)	Amount(Rs)	Total Quantity	Total Amount(Rs)	
0295	Stone Aggregate(single	cum	0.6700	2150.00	1440.50	0.0737	158.46	

	size):20 mm nominal size								
0297	Stone Aggregate(single size): 10 mm nominal size	cum	0.2200	2380.00	523.60	0.0242	57.60		
2202	Stone aggregate below 40 mm nominal size	cum	0.8900	0.00	0.00	0.0979	0.00		
0982	Coarse sand (zone III)	cum	0.4450	2150.00	956.75	0.0490	105.24		
2203	Coarse sand	cum	0.4450	0.00	0.00	0.0490	0.00		
0367	Portland Cement	tonne	0.3200	8400.00	2688.00	0.0352	295.68		
2209	Cement	tonne	0.3200	0.00	0.00	0.0352	0.00		
0155	Mason (average)	Day	0.1000	950.00	95.00	0.0110	10.45		
0114	Beldar	Day	1.6300	271.00	441.73	0.1793	48.59		
0101	Bhisti	Day	0.7000	800.00	560.00	0.0770	61.60		
0002	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Day	0.0700	2400.00	168.00	0.0077	18.48		
0012	Vibrator (Needle type 40 mm)	Day	0.0700	500.00	35.00	0.0077	3.85		
9999	Sundries	L.S	14.3000	3.00	42.90	1.5730	4.72		
Total Quantity							0.1100 cum		
Total Deducted Quantity							0.0000 cum		
Net Total Quantity							0.11 cum		
Say 0.1100 cum @ Rs 6951.48 / cum							764.66		
Unskilled wage	48.59	Unskilled Person-days			0.179				
<b>14</b>	<b>Lump sum Type : Material</b>	<b>Sharpening charges</b>					<b>200.00</b>		
<b>15</b>	<b>Lump sum Type : Material</b>	<b>Electrification</b>					<b>1000.00</b>		
<b>16</b>	<b>Lump sum Type : Material</b>	<b>Display Board</b>					<b>1500.00</b>		
<b>Total Rs :</b>							<b>85077.29</b>		
<b>Rounded Total Rs :</b>							<b>85,077.00</b>		
<b>( Rupees Eighty Five Thousand Seventy Seven Only)</b>									
Unskilled Manpower wages							7338.99		
Materials (Includes Extra Charges)							60301.40		
Carriage							0.00		
Skilled							6423.97		

									SemiSkilled	8312.93		
									Lumpsum Admin	0.00		
									Lumpsum Material	2700.00		
									No of Person days	27		