

TYPICAL ESTIMATE FOR CONSTRUCTION OF BURNING PLACE AT SAMSAN AT DIFFERENT PLACE OF UTTAR DINAJPUR DISTRICT

Item no	Description of Item	No	Length	Breadth	Height	Quantity	Unit	Sk	Ssk	Usk	Cement (bags)	Sand (m3)	Stone (m3)	Bricks (nos)	Others
1	Earth work in excavation in mixed medium hard soil with soft morum, hard earth, kankar, etc. to be excavated by pick axe, lead upto 80 ft and lift upto 5 ft @ 62 cft /Usk.														
	Column Foundation=	8	1.000	1.000	0.900	7.200									
	Tie Beam foundation=	1	23.000	0.250	0.250	1.438									
	Drain=	1	15.000	0.450	0.950	6.413									
		Total=				15.050	Cum			8.55					
2	Sand filling in foundation trenches or plinth with fine sand, in layer by layer not exceeding 150 mm including watering and ramming etc.layer by layer complete.4.6 cum per Usk.														
	Plinth filling=	1	5.500	5.500	0.450	13.613									Fine Sand=
		Total=				13.613	Cum			2.96					13.613 Cum
3	Single brick flat soling with first class brick including filling of joints with powdered sand. 1nos Ssk &4 nos Usk @ 34 sqm.														
	Column Foundation=	8	1.000	1.000	--	8.000									
	Floor=	1	5.500	5.500	--	30.250									
		Total=				38.250	Sqm		1.13	4.50		1.91		1234.71	

Item no	Description of Item	No	Length	Breadth	Height	Quantity	Unit	Sk	Ssk	Usk	Cement (bags)	Sand (m ³)	Stone (m ³)	Bricks (nos)	Others
4	Cement concrete(1:3:6) with graded stone chips 20 mm down excluding shuttering and re-inforcement if any in ground floor and foundation @ 2cum/2Sk & 3 Usk and cement0.156cum/cum, sand 0.47 cum /cum, &stonechips 0.94 cum /cum.														
	Column Foundation=	8	1.000	1.000	0.1	0.800									
	Floor=	1	5.500	5.500	0.075	2.269									
	Basement for fixing Iron Rail channel=	6	0.250	0.250	0.45	0.169									
	Drain=	1	20.000	0.950	0.075	1.425									
		Total=					4.663	Cum	4.66		6.99	20.78	2.19	4.38	
5	Ordinary Cement Concrete (1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttring and re-inforcement if any in ground floor. @ 2 cum/2Sk & 3Usk and Cement 0.286 cum /cum, sand 0.43 cum /cum,stone chips 0.86 cum/cum.														
	Column Foundation=	8	1.000	1.000	0.2	1.600									
	=	8	0.031		0.25	0.0625									
	=	8	0.25	0.25	0.875	0.438									
	Column Superstructure=	8	0.25	0.25	4	2.000									
		Total=					4.100	Cum	4.1		6.15	33.50	1.76	3.53	

Item no	Description of Item	No	Length	Breadth	Height	Quantity	Unit	Sk	Ssk	Usk	Cement (bags)	Sand (m3)	Stone (m3)	Bricks (nos)	Others
6	Re-inforcement for R.C.C. work in all sorts of structures including distribution bars, stirrups, binders etc initial strainthening and removal of loose rust (if necessary) cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection , complete as per drawing and direction.3nos. Sk & 2 nos Usk @ 2.20 Qtl.														
	Reinforcement=	--	4.100	1.2%	78.5	3.86	Qtl	5.27		3.51					M.S Rods 3.86 Qtl
7	Hire and labour charges for shuttering with centering and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs , beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor) where vertical prop not required. 2nos Sk & 1 nos Usk @ 14 sqm.														
	Column Foundation=	32	1	--	0.2	6.40									32=8*4
	=	32	0.25	--	0.875	7.00									
	Column Superstructure=	32	0.25	--	4	32.00									
		Total=				45.400	Sqm	6.49		3.24					Shuttering 45.40 Sqm

Item no	Description of Item	No	Length	Breadth	Height	Quantity	Unit	Sk	Ssk	Usk	Cement (bags)	Sand (m ³)	Stone (m ³)	Bricks (nos)	Others
8	Brick work (1:6) with first class of bricks with cement mortar including raking out joints scaffolding & curing etc.1 nos Sk & 2 nos Usk @ 1.1 Cum of brick work.Brick 389nos/ cum, Cement 0.055 cum/cum, and Sand 0.33 cum/cum.														
	Plinth=	1	23.000	0.25	0.6	3.450									
	Steps=	1	3	0.5	0.15	0.225									
	=	1	3	0.25	0.15	0.113									
	Drain=	2	20	0.25	0.45	4.500									
		Total=					3.788	Cum	3.44		6.89	5.95	1.25		1473.34
9	15 mm thk Sand Cement plaster (1:4) work with materials supplied at site. 2nos Sk & 3 nos Usk @ 18 Sqm.Cement 0.46 Cum % Sqm and Sand 1.84 Cum % Sqm.														
	Plinth=	4	6	--	0.6	14.4									
	Column Superstructure=	8	1	--	4	32									
	Drain=	1	20	1.85	--	37									
		Total=					83.400	Sqm	9.27		13.90	10.96	1.53		
10	25 mm artificial stone floor with stone chips(1:2:4) (which includes 3 mm thick neat cement finish) . 5 nos Sk. & 3 nos Usk @ 24 Sqm. Stone chips (6 mm size) 2.23 Cum % Sqm , Sand 1.12 Cum % Sqm, Cement 0.855 Cum % Sqm .														
	Floor=	1	6	6	--	36									
	Total=					36.000	Sqm	7.50		4.50	8.79	0.40	0.80		
11	Neat Cement Punning. 2 nos Sk. & 1 nos Usk @ 50 Sqm. Cement 0.152 Cum % Sqm.														
	Step=	2	3	0.5	--	3									

Item no	Description of Item	No	Length	Breadth	Height	Quantity	Unit	Sk	Ssk	Usk	Cement (bags)	Sand (m3)	Stone (m3)	Bricks (nos)	Others
	side=	2	0.5	--	0.15	0.15									
	side=	2	0.25	--	0.15	0.075									
	Plinth side=	4	6	--	0.6	14.4									
	Dado of Column=	8	1	--	0.3	2.4									
	Drain=	1	20	1.85	--	37									
		Total=					57.025	Sqm	2.281		1.14	2.48			
Total=							43.01	1.13	62.33	82.47	9.05	8.71	2708.05		
Say=							43	1	62	82	9.00	9.00	2708		

SI No	Labour component:-	Quantity	Rate / No	Amount
i	Skilled	43.00	360	15480.00
ii	Semi-Skilled	1	270	270.00
iii	Un-Skilled	62	180	11160.00
Total			Rs.=	26910.00

SI No	Materials Component:-	Quantity	Unit	Rate	Amount
1	Cement	82	Bag	390	31980.00
2	Course Sand	9.00	Cum	850	7650.00
3	Stone-Chips	9.00	Cum	1900	17100.00
4	Bricks	2708	Nos	7.75	20987.00
5	Shuttering materials (local rates)	45.400	Sqm	157	7127.80
6	Re-inforcement Bars	3.86	Qtl.	5024	19403.69
7	Supplying and Laying Polythene Sheet (150 gm/ Sqm) over damp proof course or below flooring or roof terracing or in foundation.	20	Sqm	25	500.00

Item no	Description of Item	No	Length	Breadth	Height	Quantity	Unit	Sk	Ssk	Usk	Cement (bags)	Sand (m³)	Stone (m³)	Bricks (nos)	Others															
<table><tr><td>Abstract of Cost:-</td><td>Particulars</td><td>Amount (Rs.)</td></tr><tr><td>Total Wage Cost=</td><td>11160.00</td></tr><tr><td>Total materials Cost=</td><td>232153.04</td></tr><tr><td>Total=</td><td>243313.04</td></tr><tr><td></td><td></td><td></td></tr><tr><td>Say Rs.=</td><td>243313.00</td></tr></table>							Abstract of Cost:-	Particulars	Amount (Rs.)	Total Wage Cost=	11160.00	Total materials Cost=	232153.04	Total=	243313.04				Say Rs.=	243313.00	8	Fine sand					13.613	Cum	350	4764.38
							Abstract of Cost:-	Particulars	Amount (Rs.)																					
							Total Wage Cost=	11160.00																						
							Total materials Cost=	232153.04																						
							Total=	243313.04																						
							Say Rs.=	243313.00																						
							9	White washing					32	Sqm	20.81	665.92														
							10	MS Structural works with					7.5	Qtl.	7230.8	54231.00														
							11	M.S. structural works in roof trusses with fitting, fixing as per direction of EIC					2.25	Qtl.	6997	15743.25														
12	GCI Sheet including fitting and fixing as per direction of EIC					50	Sqm	725	36250.00																					
13	SSK & SK Person Day cost								15750.00																					
	Total=					232153.04																								

Rupees Two Lakh Forty THREE Thousand THREE Hundred and THIRteen only

MODEL ESTIMATE FOR CONSTRUCTION OF REST SHED AT SAMSAN

Item no	Description of Item	No	Length	Breadth	Height	Quantity	Unit	Sk	Ssk	Usk	Cement (bags)	Sand (m³)	Stone (m³)	Bricks (nos)	Others
1	Earth work in excavation in mixed medium hard soil with soft morum, hard earth, kankar, etc. to be excavated by pick axe, lead upto 80 ft and lift upto 5 ft @ 62 cft /Usk.														
	Column Foundation=	8	1.200	1.200	1.200	13.824									
	Tie Beam foundation=	1	28.000	0.250	0.250	1.750									
		Total=				15.574	Cum			8.85					
2	Sand filling in foundation trenches or plinth with fine sand, in layer by layer not exceeding 150 mm including watering and ramming etc.layer by layer complete.4.6 cum per Usk.														
	Plinth filling=	1	5.500	7.500	0.450	18.563									Fine Sand=
		Total=				18.563	Cum			4.04					18.563 Cum
3	Single brick flat soling with first class brick including filling of joints with powdered sand. 1nos Ssk &4 nos Usk @ 34 sqm.														
	Column Foundation=	8	1.200	1.200	--	11.520									
	Floor=	1	5.500	7.500	--	41.250									
		Total=				52.770	Sqm		1.55	6.21		2.64		1703.416	

4	Cement concrete(1:3:6) with graded stone chips 20 mm down excluding shuttering and re-inforcement if any in ground floor and foundation @ 2cum/2Sk & 3 Usk and cement0.156cum/cum, sand 0.47 cum /cum, &stonechips 0.94 cum /cum.													
	Column Foundation=	8	1.200	1.200	0.1	1.152								
	Floor=	1	5.500	7.500	0.075	3.094								
		Total=				4.246	Cum	4.25		6.37	18.92	2.00	3.99	
5	Ordinary Cement Concrete (1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttring and re-inforcement if any in ground floor. @ 2 cum/2Sk & 3Usk and Cement 0.286 cum /cum, sand 0.43 cum /cum,stone chips 0.86 cum/cum.													
	Column Foundation=	8	1.200	1.200	0.200	2.304								
	=	8	0.031		0.25	0.0625								
	=	8	0.250	0.250	0.875	0.438								
	Column Superstructure=	8	0.250	0.250	3.000	1.500								
	Tie Beam=	1	28.000	0.250	0.250	1.750								
	Roof Beam=	1	34.000	0.250	0.300	2.550								
	Roof Slab=	1	6.300	8.300	0.125	6.536								
	Seating Slab=	1	25.000	0.600	0.075	1.125								
		Total=				16.265	Cum	16.27		24.40	132.91	6.99	13.99	

6	Re-inforcement for R.C.C. work in all sorts of structures including distribution bars, stirrups, binders etc initial strainthening and removal of loose rust (if necessary) cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection , complete as per drawing and direction.3nos. Sk & 2 nos Usk @ 2.20 Qtl.															
	Reinforcement=	--	16.265	1.2%	78.5	15.32	Qtl	20.89		13.93					M.S Rods 4.05 Qtl	
7	Hire and labour charges for shuttering with centering and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs , beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor) where vertical prop not required. 2nos Sk & 1 nos Usk @ 14 sqm.															
	Column Foundation=	32	1.000	--	0.200	6.400										32=8*4
	=	32	0.250	--	0.875	7.000										
	Column Superstructure=	32	0.250	--	3.000	24.000										
	Roof Slab=	1	6.300	8.300	--	52.290										
	side=	1	28.000	--	0.125	3.500										
		Total=					93.190	Sqm	13.31		6.66				Shuttering 45.40 Sqm	

8	Brick work (1:6) with first class of bricks with cement mortar including raking out joints scaffolding & curing etc.1 nos Sk & 2 nos Usk @ 1.1 Cum of brick work.Brick 389nos/ cum, Cement 0.055 cum/cum, and Sand 0.33 cum/cum.													
	Plinth=	1	28.000	0.250	0.600	4.200								
	Steps=	1	3.000	0.500	0.150	0.225								
	=	1	3.000	0.250	0.150	0.113								
		Total=				4.538	Cum	4.13		8.25	7.13	1.50		1765.09
9	125 mm thick brick work with first class of brick with cement mortar (1:4) including carrage of materials from stack within a distance of 30 m and curing, scaffolding etc. complete.3 nos Sk & 4 nos Usk @ 24 sqm. Brick 4951 nos % sqm , Sand 3.66 cum % sqm , Cement 1.22cum % sqm													
	Side wall=	1	25.000	--	1.00	25.000								
	Support wall for Seating slab=	13	0.600	--	0.6	4.680								
		Total=				29.680	Sqm	3.71		4.95	10.35	1.09		1469.46
9	15 mm thk Sand Cement plaster (1:4) work with materials supplied at site. 2nos Sk & 3 nos Usk @ 18 Sqm.Cement 0.46 Cum % Sqm and Sand 1.84 Cum % Sqm.													
	Plinth=	1	28.000	--	0.600	16.800								
	Wall superstructure=	1	25.000	--	1.000	25.000								
	Steps=	1	3.000	--	0.250	0.750								
	=	1	3.000	--	0.250	0.750								
	Side=	2	0.500	--	0.150	0.150								
	=	2	0.250	--	0.150	0.075								
	Seating Slab=	2	25.000	0.600	--	30.000								
	Support wall for Seating slab=	26	0.600	--	0.600	9.360								

					Total=	82.885	Sqm	9.21		13.81	10.89	1.53			
10	25 mm artificial stone floor with stone chips(1:2:4) (which includes 3 mm thick neat cement finish) . 5 nos Sk. & 3 nos Usk @ 24 Sqm. Stone chips (6 mm size) 2.23 Cum % Sqm , Sand 1.12 Cum % Sqm, Cement 0.855 Cum % Sqm .														
	Floor=	1	6.000	8.000	--	48.000									
					Total=	48.000	Sqm	10.00		6.00	11.73	0.54	1.07		
11	Neat Cement Punning. 2 nos Sk. & 1 nos Usk @ 50 Sqm. Cement 0.152 Cum % Sqm.														
	Step=	2	3.000	0.500	--	3.000									
	side=	2	0.500	--	0.150	0.150									
	side=	2	0.250	--	0.150	0.075									
	Plinth side=	1	28.000	--	0.600	16.800									
	Dado=	1	28.000	--	0.300	8.400									
	Seating Slab=	1	25.000	0.600	--	15.000									
	=	1	25.000	--	0.450	11.250									
					Total=	54.675	Sqm	2.187		1.09	2.37				
						Total=	83.95	1.55	104.55	194.30	16.27	19.05	4937.96		
						Say=	84	2	105	194	16.00	19.00	4938		

SI No	Personday component:-	Quantity	Rate / No	Amount
i	Skilled	84.00	360	30240.00

SI No	Materials Component:-	Quantity	Unit	Rate	Amount
1	Cement	194	Bag	390	75660.00

SI No	Personday component:-	Quantity	Rate / No	Amount
ii	Semi-Skilled	2	270	540.00
iii	Un-Skilled	105	180	18900.00
Total			Rs.=	49680.00

Abstract of Cost:-	Particulars	Amount (Rs.)
	Total Wage Cost=	18900.00
	Total materials Cost=	293680.18
	Total=	312580.18
	Say Rs.=	312580.00

(Rupees Three Lakh TWELVE Thousand Five Hundred and eighty Only)

SI No	Materials Component:-	Quantity	Unit	Rate	Amount
2	Course Sand	16.00	Cum	850	13600.00
3	Stone-Chips	19.00	Cum	1900	36100.00
4	Bricks	4938	Nos	7.75	38269.50
5	Shuttering materials (local rates)	93.190	Sqm	157	14630.83
6	Re-inforcement Bars	15.32	Qtl.	5024	76977.05
7	Supplying and Laying Polythene Sheet (150 gm/ Sqm) over damp proof course or below flooring or roof terracing or in foundation.	20	Sqm	25	500.00
8	Fine sand	18.563	Cum	350	6496.88
9	SSK & SK Person day Cost				30780.00
10	White washing	32	Sqm	20.81	665.92
Total=					293680.18

TYPICAL ESTIMATE FOR SINKING OF (100 x 40) mm Dia. TUBEWELL 100 Mtr. DEEP HAVING 30 Mtr. HOUSING PIPE FITTED WITH INDIA MARK-II HAND PUMP AT SAMSAN.

Item no	Description of Item	No	Length	Breadth	Height	Quantity	Unit	Sk	Ssk	Usk	Cement (bags)	Sand (m3)	Stone (m3)	Bricks (nos)	Others
1	Single brick flat soling with first class brick including filling of joints with powdered sand. 1nos Ssk & 4 nos Usk @ 34 sqm.														
	Tubewell platform=	--	--	--	--	2.500									
		Total=				2.500	Sqm		0.07	0.29		0.13		80.7	
2	Cement concrete(1:3:6) with graded stone chips 20 mm down excluding shuttering and re-inforcement if any in ground floor and foundation @ 2cum/2Sk & 3 Usk and cement 0.156cum/cum, sand 0.47 cum /cum, & stone chips 0.94 cum /cum.														
	Tubewell platform=	--	--	--	--	0.500									
		Total=				0.500	Cum	0.50		0.75	2.23	0.24	0.47		
3	Brick work (1:6) with first class of bricks with cement mortar including raking out joints scaffolding & curing etc. 1 nos Sk & 2 nos Usk @ 1.1 Cum of brick work. Brick 389nos/ cum, Cement 0.055 cum/cum, and Sand 0.33 cum/cum.														
	Tubewell platform=	--	--	--	--	0.500									
		Total=				0.500	Cum	0.45		0.91	0.79	0.17		194.50	
4	15 mm thk Sand Cement plaster (1:4) work with materials supplied at site. 2nos Sk & 3 nos Usk @ 18 Sqm. Cement 0.46 Cum % Sqm and Sand 1.84 Cum % Sqm.														
	Side wall & drain=	--	--	--	--	2.500									

		Total=	2.500	Sqm	0.28		0.42	0.33	0.05			
5	25 mm artificial stone floor with stone chips(1:2:4) (which includes 3 mm thick neat cement finish) . 5 nos Sk. & 3 nos Usk @ 24 Sqm. Stone chips (6 mm size) 2.23 Cum % Sqm , Sand 1.12 Cum % Sqm, Cement 0.855 Cum % Sqm .											
	Tubewell platform=	--	--	--	--	4.000						
		Total=	4.000	Sqm	0.83		0.50	0.98	0.04	0.09		
6	Neat Cement Punning. 2 nos Sk. & 1 nos Usk @ 50 Sqm. Cement 0.152 Cum % Sqm.											
	Tubewell platform=	--	--	--	--	2.500						
		Total=	2.500	Sqm	0.1		0.05	0.11				
					Total=	2.17	0.07	2.92	4.43	0.62	0.56	275.20
					Say=	2	0	3	4	1.00	1.00	275

SI No	Labour component:-	Quantity	Rate / No	Amount
i	Skilled	2.00	360	720.00
ii	Semi-Skilled	0	270	0.00
iii	Un-Skilled	3	180	540.00
			Total Rs. =	1260.00

SI No	Materials Component:-	Quantity	Unit	Rate	Amount
1	Cement	4	Bag	390	1560.00
2	Course Sand	1.00	Cum	850	850.00
3	Stone-Chips	1.00	Cum	1900	1900.00
4	Bricks	275	Nos	7.75	2131.25
5	Labour for boring tubewell 40mm dia	70.000	Mtr.	91	6370.00

SI No	Materials Component:-	Quantity	Unit	Rate	Amount
6	Labour for boring tubewell 100mm dia	30.000	Mtr.	430	12900.00
7	100mm x 40mm dia Reducing Socket	1.000	Nos	512	512.00
8	Supply of GI pipes including socket 100mm dia with socket medium quality	30.00	Mtr.	990	29700.00
9	Supplying, fitting and fixing GI pipe approved quality medium duty with socket 40mm dia.	64.5	Mtr.	347	22381.50
10	Supplying, fitting and fixing GI stainer of approved make 40mm dia	5.490	Mtr.	1162	6379.38
11	Supplying, fitting and fixing 40mm dia GI Socket	1.000	Nos	71	71.00
12	Supplying, fitting and fixing CI Cutter 40mm dia	1	each	65	65.00
13	Collecting sample of water for bacteriological and chemical test and fees of testing	1	LS		1243.00
14	Supplying, fitting and fixing Indian Mark-II Hand pump with complete set	1	Nos	12621	12621.00
15	Cost of SSK & SK Person Days				720.00
				Total=	99404.13

Abstract of Cost:-	Particulars	Amount (Rs.)
	Total Wage Cost=	540.00
	Total materials Cost=	99404.13
	Total=	99944.13
	Say Rs.=	99944.00

(Rupees Ninety Nine Thousand Nine Hundred and forty four only)

TYPICAL ESTIMATE FOR CONSTRUCTION OF TOILET AT SAMSAN

Item no	Description of Item	No	Length	Breadth	Height	Quantity	Unit	Sk	Ssk	Usk	Cement (bags)	Sand (m3)	Stone (m3)	Bricks (nos)	Others	
1	Earth work in excavation in mixed medium hard soil with soft morum, hard earth, kankar, etc. to be excavated by pick axe, lead upto 80 ft and lift upto 5 ft @ 62 cft /Usk.															
	Wall Foundation=	1	6.525	0.200	0.300	0.392										
	Leach pit=	2	0.502		1.200	1.206										
		Total=					1.597	Cum			0.91					
2	Sand filling in foundation trenches or plinth with fine sand, in layer by layer not exceeding 150 mm including watering and ramming etc.layer by layer complete.4.6 cum per Usk.															
	Floor of W/C=	1	0.800	0.800	0.225	0.144										Fine Sand= 0.262 Cum
	Floor of Urinal=	1	0.750	0.700	0.225	0.118										
		Total=					0.262	Cum			0.06					
3	Cement concrete(1:3:6) with graded stone chips 20 mm down excluding shuttering and re-inforcement if any in ground floor and foundation @ 2cum/2Sk & 3 Usk and cement0.156cum/cum, sand 0.47 cum /cum, &stonechips 0.94 cum /cum.															
	Wall Foundation=	1	6.525	0.200	0.075	0.098										
	Floor of W/C=	1	0.800	0.800	0.075	0.048										
	Floor of Urinal=	1	0.750	0.700	0.075	0.039										
		Total=					0.185	Cum	0.19		0.28	0.83	0.09	0.17		

4	Ordinary Cement Concrete (1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and re-inforcement if any in ground floor. @ 2 cum/2Sk & 3Usk and Cement 0.286 cum /cum, sand 0.43 cum /cum,stone chips 0.86 cum/cum.														
	Leach Pit Cover=	2	0.502	0.075	0.075										
				Total=	0.075	Cum	0.075		0.11	0.62	0.03	0.06			
5	Re-inforcement for R.C.C. work in all sorts of structures including distribution bars, stirrups, binders etc initial strainthening and removal of loose rust (if necessary) cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection , complete as per drawing and direction.3nos. Sk & 2 nos Usk @ 2.20 Qtl.														
	Reinforcement=	--	0.075	1.0%	78.5	0.06	Qtl	0.08		0.05					M.S Rods 6.0 Kg
6	125 mm thick brick work with first class of brick with cement mortar (1:4) including carrage of materials from stack within a distance of 30 m and curing, scaffolding etc. complete.3 nos Sk & 4 nos Usk @ 24 sqm. Brick 4951 nos % sqm , Sand 3.66 cum % sqm , Cement 1.22cum % sqm														
	Wall Foundation=	1	6.525	--	0.525	3.43									
				Total=	3.426	Sqm	0.43		0.57	1.19	0.13		169.60		

7	75 mm thick brick work with first class of brick with cement mortar (1:4) including carriage of materials from stack within a distance of 30 m and curing, scaffolding etc. complete. 2 nos Sk & 3 nos Usk @ 24 sqm. Brick 3014 nos % sqm , Sand 2.286 cum % sqm , Cement 0.571cum % sqm													
	Wall superstructure (W/C)=	1	3.300	--	1.755	5.792								
	Wall superstructure (Urinal)=	1	1.550	--	1.500	2.325								
		Total=				8.117	Sqm	0.68		1.01	1.33	0.19		244.63
8	15 mm thk Sand Cement plaster (1:4) work with materials supplied at site. 2nos Sk & 3 nos Usk @ 18 Sqm.Cement 0.46 Cum % Sqm and Sand 1.84 Cum % Sqm.													
	Plinth=	1	5.700	--	0.300	1.710								
	Superstructure of W/C wall=	2	3.150	--	1.755	11.057								
	Superstructure of Urinal wall=	2	1.450	--	1.500	4.350								
		Total=				17.117	Sqm	1.90		2.85	2.25	0.31		
9	Neat Cement Punning. 2 nos Sk. & 1 nos Usk @ 50 Sqm. Cement 0.152 Cum % Sqm.													
	Outer wall dado=	1	5.700	--	0.300	1.710								
	Superstructure of W/C wall=	2	3.150	--	0.300	1.890								
	Superstructure of Urinal wall=	2	1.450	--	0.900	2.610								
	Floor of W/C=	1	0.800	0.800	--	0.64								
	Floor of Urinal=	1	0.750	0.700	--	0.525								
		Total=				7.375	Sqm	0.295		0.15	0.32			
Total=						3.64	0.00	5.99	6.53	0.75	0.24	414.23		
Say=						4	0	6	7	1.00	0.25	414		

SI No	Labour component:-	Quantity	Rate / No	Amount
i	Skilled	4.00	360	1440.00
ii	Semi-Skilled	0	270	0.00
iii	Un-Skilled	6	180	1080.00
Total			Rs.=	2520.00

SI No	Materials Component:-	Quantity	Unit	Rate	Amount
1	Cement	7	Bag	390	2730.00
2	Course Sand	1.00	Cum	850	850.00
3	Stone-Chips	0.25	Cum	1900	475.00
4	Bricks	414	Nos	7.75	3208.50
5	Re-inforcement Bars	0.06	Qtl.	5024	297.21
6	Fine sand	0.262	Cum	350	91.74
7	White washing	9.742	Sqm	20.81	202.72
8	Supplying, fitting and fixing GCI Sheet for roofing with wooden roof trust (Roof size=1.35mtr x 1.35mtr)	1	Set	1000	1000.00
9	Supplying, fitting and fixing GCI sheet for door (Height 5'-0") with necessary timber batten	1	Set	750	750.00
10	Ceramic Rural Pan	1	Set	500	500.00
11	Washer, Nut Bolt, GI wire, hinges, Sikols, P.Sheet etc with any other necessary items	LS			150.00
12	PVC pipe (4" dia , 3' long with Y-Junction)	1	Set	250	250.00
13	Precast Concrete Post (3" x 3" with 8' height)	4	Nos	120	480.00
14	RCC Precast Ring for Leach Pit (800mm dia) with installation and all necessary mortar for jointing	8	Nos	250	2000.00
15	Cost of SK & SSK person days				1440.00
Total=					14425.17

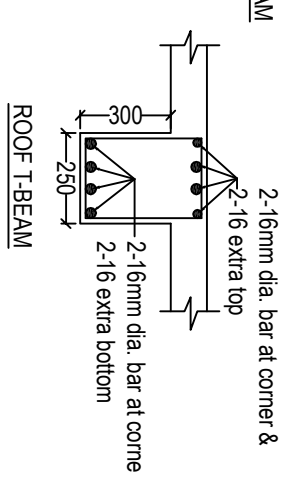
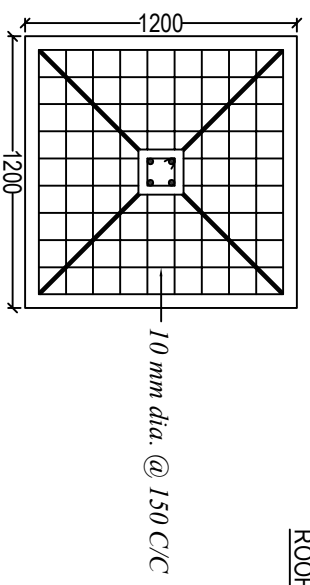
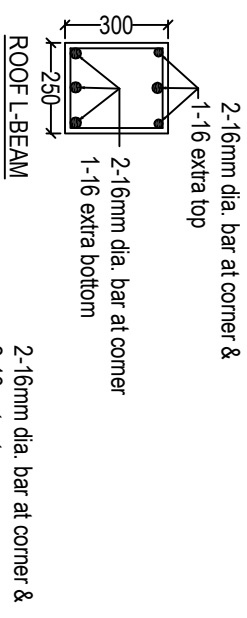
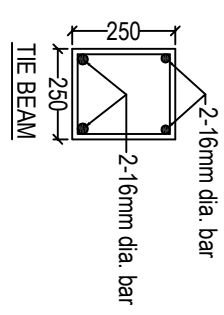
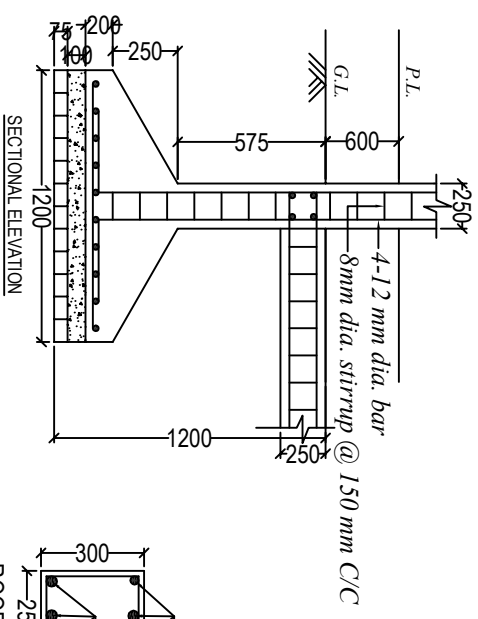
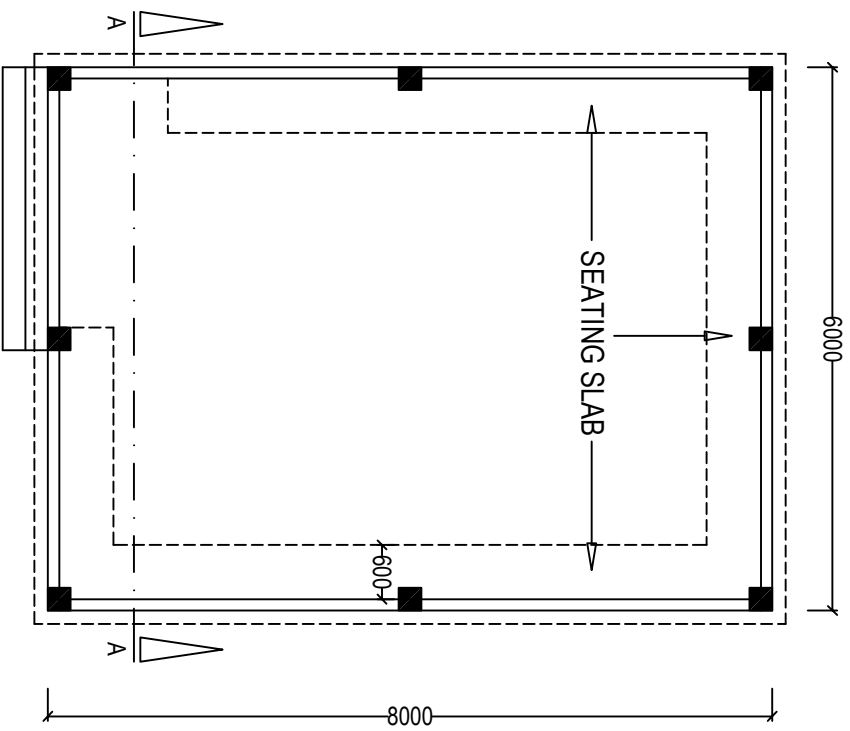
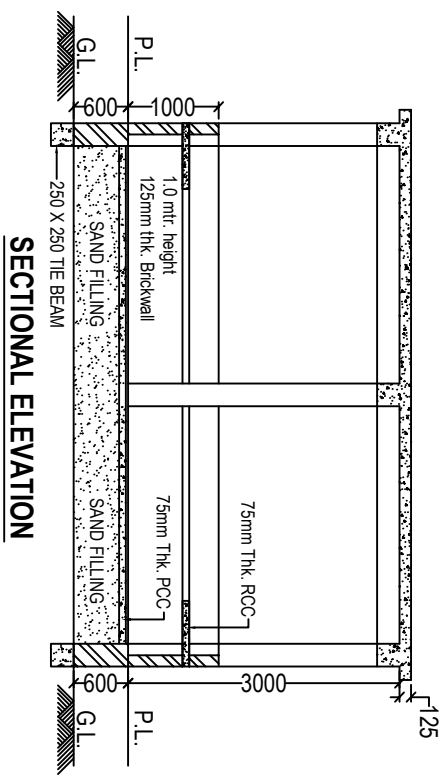
Abstract of Cost:-	Particulars	Amount (Rs.)
	Total Wage Cost=	1080.00
	Total materials Cost=	14425.17
	Total=	15505.17
	Say Rs.=	15505.00

(Rupees Fifteen Thousand Five Hundred Five Only)

Typical Estimate for Construction of Baitarani Project

SI No	Type of Scheme	Wage	Material	Total Estimated Amount	Wage : Material
1	ESTIMATE FOR CONSTRUCTION OF BURNING PLACE	26910.00	216403.00	243313.00	11 : 81
2	ESTIMATE FOR CONSTRUCTION OF REST SHED	49680.00	262900.00	312580.00	16 : 84
3	SINKING OF (100 x 40) mm Dia. TUBEWELL 100 Mtr. DEEP HAVING 30 Mtr. HOUSING PIPE FITTED WITH INDIA MARK-II HAND PUMP	1260.00	98684.00	99944.00	01 : 99
4	ESTIMATE FOR DEVELOPMENT(Applicable wherever necessary)	123300.00	9790.00	133090.00	93 : 07
5	CONSTRUCTION OF TOILET	2520.00	12985.00	15505.00	16 : 84
Total=		203670.00	600762.00	804432.00	25 : 75

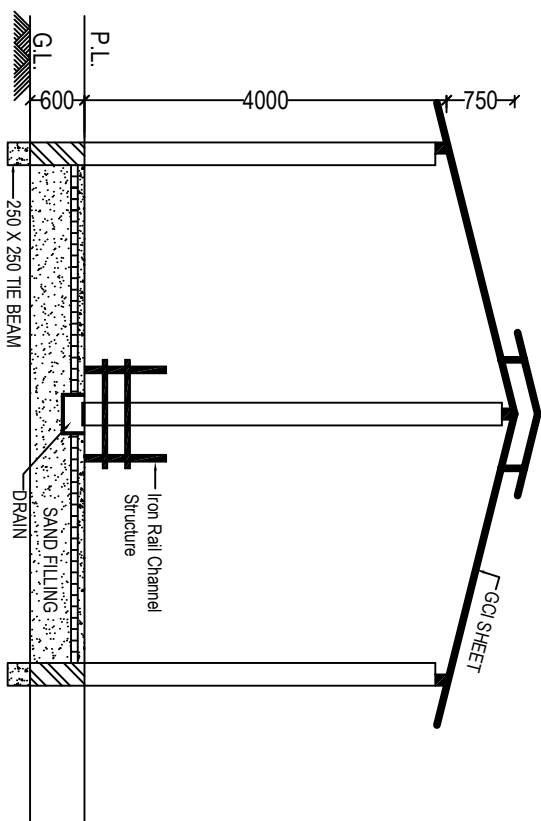
(Total Project Cost= Rupees eight Lakh four Thousand four Hundred and thirty two Only)



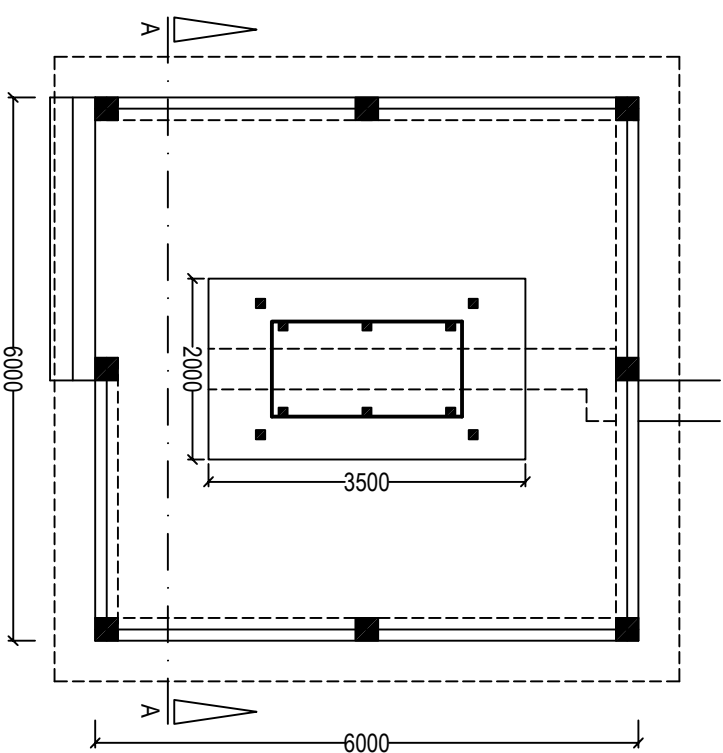
DETAILS OF COLUMN FOOTING

NOTE : ALL DIMENSION ARE IN MM
SCALE : NOT TO SCALE

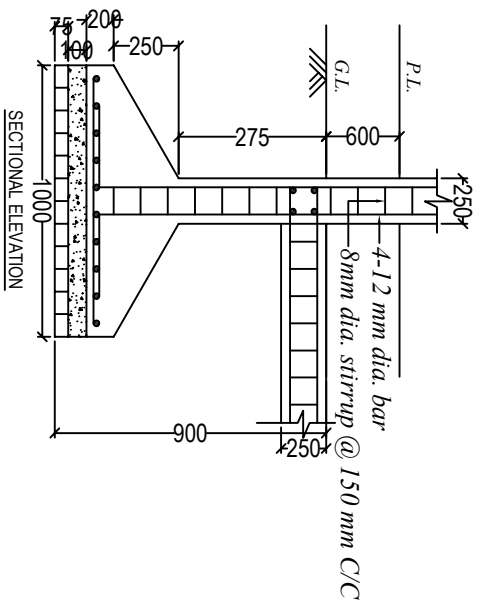
TYPICAL PLAN FOR CONSTRUCTION OF REST SHED AT SAMSAN



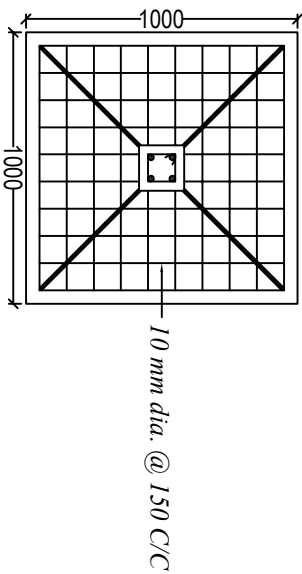
SECTIONAL ELEVATION



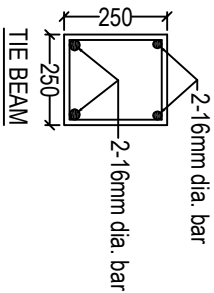
SECTIONAL PLAN OF BURNING GHAT



SECTIONAL ELEVATION



DETAILS OF COLUMN FOOTING



TIE BEAM

NOTE : ALL DIMENSION ARE IN MM
SCALE : NOT TO SCALE

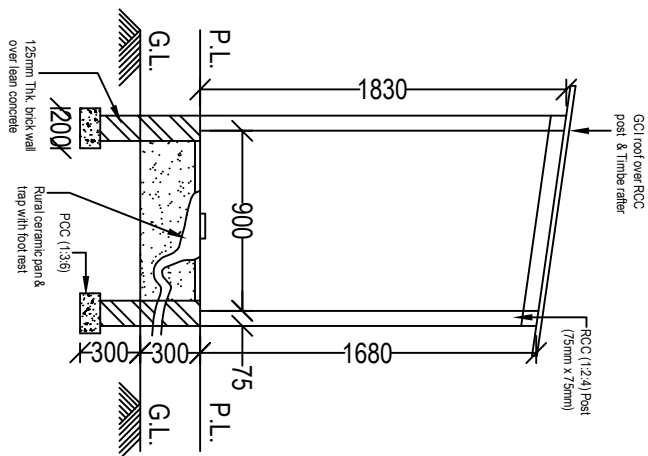
TYPICAL PLAN FOR CONSTRUCTION OF BURNING PLACE AT SAMSAN

PLAN AND SECTIONAL DETAILS

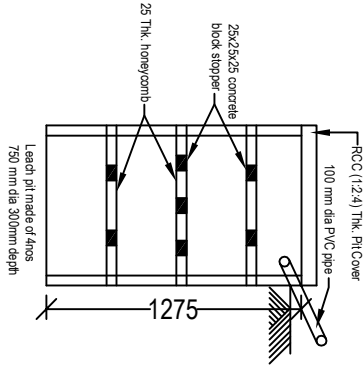
**OFF-THE PIT TOILET (DOUBLE PIT) WITH
BRICK MASONARY SUPERSTRUCTURE**

All Dimensions are in mm

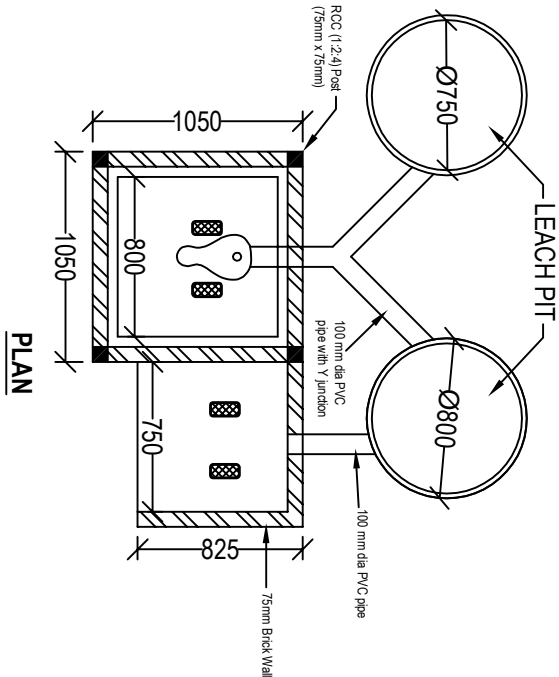
Scale : Not to Scale



SECTIONAL ELEVATION



LEACH PIT



PLAN