

Detailed Estimate

OD/371/3559/121309/381741/00014294 : Construction of Bathing Step at Pandripali Katepada Bandha

Block : Dhankauda, Panchayat : Talab

Created By:ASHRITA TOPNO

1. Earth Work (AR0122Ai1) : Earthwork in all kinds of soil within 50m to 75m lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth									
Earthwork in all kinds of soil within 50m to 75m lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Side wall	2.000	8.000	0.450	0.600	0.000	4.320	-	
ii	Top wall	1.000	7.100	0.450	0.600	0.000	1.917	-	
iii	Bottom wall	1.000	7.100	0.450	0.900	0.000	2.876	-	
Total Quantity					9.1125 cum (cum)		9.1125 Cum (Cubic Meter)		
Amount					9.1125 X 229.87334168		2094.72		
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed									
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Inside Plinth	1.000	7.100	7.100	0.100	0.000	5.041	-	
ii	Side wall	2.000	8.000	0.450	0.100	0.000	0.720	-	
iii	Top wall	1.000	7.100	0.450	0.100	0.000	0.320	-	
iv	Bottom wall	1.000	7.100	0.450	0.100	0.000	0.320	-	
Total Quantity					6.4 cum (cum)		6.4 Cum (Cubic Meter)		
Amount					6.4 X 1077.697472		6897.26		
3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal									
Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, rramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	

i	Inside plinth	1.000	7.100	7.100	0.100	0.000	5.041	-
ii	Side wall	2.000	8.000	0.450	0.500	0.000	3.600	-
iii	Top wall	1.000	7.100	0.450	0.500	0.000	1.598	-
iv	Bottom wall	1.000	7.100	0.450	1.050	0.000	3.355	-
v	Steps	7.000	0.500	8.000	1.050	0.150	4.410	-
vi	Top step	1.000	0.500	8.000	0.450	0.150	0.270	-
vii	Bottom step	1.000	0.500	8.000	1.500	0.150	0.900	-
viii	Boundary	2.000	3.000	2.670	0.450	0.450	3.244	-
Total Quantity					22.4173 cum (cum)		22.4173 Cum (Cubic Meter)	
Amount					22.4173 X 5534.1321678		124060.30	
4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum								
Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Steps	7.000	8.000	1.050	0.050	0.000	2.940	-
ii	Top step	1.000	8.000	0.450	0.050	0.000	0.180	-
iii	Bottom step	1.000	8.000	1.500	0.050	0.000	0.600	-
iv	Boundary wall	2.000	3.000	2.670	0.450	0.050	0.360	-
Total Quantity					4.08045 cum (cum)		4.08045 Cum (Cubic Meter)	
Amount					4.08045 X 7110.0679726		29012.28	
5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc								
Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Steps	1.000	9.000	8.000	0.150	0.000	10.800	-

ii		2.000	0.500	9.000	1.050	0.150	1.418	-	
iii	Boundary wall	2.000	2.000	3.000	2.670	0.450	14.418	-	
iv	Boundary wall	2.000	2.000	3.000	0.450	0.450	2.430	-	
Total Quantity					29.0655 Sqm (Sqm)		29.0655 Sqm (Square Meter)		
Amount					29.0655 X 215.38264180804		6260.20		

6. Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Long wall	2.000	1.950	0.230	1.800	0.000	1.615	-	
ii	Short wall	2.000	1.500	0.230	1.800	0.000	1.242	-	
iii	Door	1.000	0.750	0.230	1.800	0.000	-	0.311	
Total Quantity					2.5461 cum (cum)		2.5461 Cum (Cubic Meter)		
Amount					2.5461 X 4973.99877664		12664.30		

7. Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.

12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp. and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Long wall	2.000	1.950	0.000	1.800	0.000	7.020	-	
ii	Short wall	2.000	1.950	0.000	1.800	0.000	7.020	-	
iii	Boundary wall	2.000	2.000	3.000	2.670	0.450	14.418	-	
iv	Boundary wall	2.000	2.000	3.000	0.450	0.450	2.430	-	
v	Door	1.000	0.500	0.750	1.800	0.000	-	0.675	
Total Quantity					30.213 Sqm (Sqm)		30.213 Sqm (Square Meter)		

Amount						30.213 X 168.781887396	5099.41	
8. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.								
16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Long wall	2.000	1.500	0.000	1.800	0.000	5.400	-
ii	Short wall	2.000	1.500	0.000	1.800	0.000	5.400	-
iii	Door	1.000	0.500	0.750	1.800	0.000	-	0.675
Total Quantity					10.125 Sqm (Sqm)		10.125 Sqm (Square Meter)	
Amount						10.125 X 241.93356786	2449.58	
9. Painting (AR0918a) : First Floor								
Finishing wall with two coat water proofing cement paint of approved shade in the outer surface of new work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Out side	1.000	30.213	0.000	0.000	0.000	30.213	-
ii	Inside	1.000	10.125	0.000	0.000	0.000	10.125	-
Total Quantity					40.338 Sqm (Sqm)		40.338 Sqm (Square Meter)	
Amount						40.338 X 106.840705	4309.74	
Total Amount							192847.79	
Addition								
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							6753.89	
Total Addition							9753.89	
Grand Net Total Amount							202601.68	