

Detailed Estimate

OD/349/3331/116832/417700/00078965 : Constrn. Of Bathing Steps with Changing Room at Rengali Talabandha
Block : Kantamal, Gram Panchayat : Rengali
Created By: Babun Kumar Sahu

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial 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 the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/W	2.000	10.500	0.750	0.750	0.000	11.813	-
ii	S/W	2.000	8.000	0.750	0.750	0.000	9.000	-
iii	BOTTOM TO TOP	1.000	9.340	8.000	0.300	0.000	22.416	-
iv	CHANGING ROOM L/W	2.000	3.170	0.380	0.600	0.000	1.446	-
v	CHANGING ROOM S/W	2.000	1.800	0.380	0.600	0.000	0.821	-
Total Quantity					45.49482 cum (cum)		45.49482 Cum (Cubic Meter)	
Amount					45.49482 X 240.77592		10954.06	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/W	2.000	10.500	0.750	0.150	0.000	2.363	-
ii	S/W	2.000	8.000	0.750	0.150	0.000	1.800	-
iii	BOTTOM TO TOP	1.000	9.300	8.000	0.150	0.000	11.160	-

iv	CHANGING ROOM L/W	2.000	3.170	0.380	0.150	0.000	0.361	-
v	CHANGING ROOM S/W	2.000	1.800	0.380	0.150	0.000	0.205	-
Total Quantity					15.88908 cum (cum)		15.88908 Cum (Cubic Meter)	
Amount					15.88908 X 449.756232		7146.21	

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, ramming, 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/W	2.000	10.500	0.750	0.150	0.000	2.363	-
ii	S/W	2.000	8.000	0.750	0.150	0.000	1.800	-
iii	L/W	2.000	10.160	0.410	0.600	0.000	4.999	-
iv	S/W	2.000	8.340	0.410	0.600	0.000	4.103	-
v	BOTTOM TO TOP	1.000	9.340	8.340	0.150	0.000	11.684	-
vi	STEP	1.000	9.160	0.820	0.075	0.000	0.563	-
vii		3.000	9.160	0.710	0.075	0.000	1.463	-
viii		5.000	9.160	0.820	0.120	0.000	4.507	-
ix		1.000	9.160	0.780	0.100	0.000	0.714	-
x		1.000	9.160	0.810	0.100	0.000	0.742	-
xi		0.000	9.160	0.660	0.075	0.000	0.453	-
xii	CHANGING ROOM	1.000	2.540	1.930	0.150	0.000	0.735	-
Total Quantity					34.1274 cum (cum)		34.1274 Cum (Cubic Meter)	

Amount						34.1274 X 5228.39225596	178431.43	
4. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside								
12mm thick cement plaster (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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/W	2.000	2.700	2.450	0.000	0.000	13.230	-
ii	S/W	2.000	2.800	2.450	0.000	0.000	13.720	-
iii	OPENING	1.000	0.900	2.450	0.000	0.000	-	2.205
Total Quantity					24.745 Sqm (Sqm)		24.745 Sqm (Square Meter)	
Amount						24.745 X 165.1372421192	4086.32	
5. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/W	2.000	2.590	2.450	0.000	0.000	12.691	-
ii	S/W	2.000	2.600	2.450	0.000	0.000	12.740	-
iii	OPENING	1.000	0.900	2.450	0.000	0.000	-	2.205
Total Quantity					23.226 Sqm (Sqm)		23.226 Sqm (Square Meter)	
Amount						23.226 X 238.444651332	5538.12	
6. 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 as per specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	STEP	1.000	9.160	0.820	0.050	0.000	0.376	-	
ii		3.000	9.160	0.710	0.050	0.000	0.976	-	
iii		5.000	9.160	0.820	0.050	0.000	1.878	-	
iv		1.000	9.160	0.780	0.050	0.000	0.357	-	
v		1.000	9.160	0.810	0.050	0.000	0.371	-	
vi		1.000	9.160	0.660	0.050	0.000	0.302	-	
vii	CHANGING ROOM	1.000	2.540	1.930	0.050	0.000	0.245	-	
Total Quantity					4.50451 cum (cum)		4.50451 Cum (Cubic Meter)		
Amount					4.50451 X 6684.83715852		30111.92		

7. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent 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	L/W	2.000	3.170	0.380	0.450	0.000	1.084	-	
ii	S/W	2.000	1.800	0.380	0.450	0.000	0.616	-	
Total Quantity					1.69974 cum (cum)		1.69974 Cum (Cubic Meter)		
Amount					1.69974 X 4977.318251528		8460.15		

8. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent 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
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i	L/W	2.000	2.790	0.250	2.450	0.000	3.418	-	
ii	S/W	2.000	2.180	0.250	2.450	0.000	2.671	-	
iii	OPENING	1.000	0.900	0.250	2.450	0.000	-	0.551	
Total Quantity					5.537 cum (cum)		5.537 Cum (Cubic Meter)		
Amount					5.537 X 5010.648251528		27743.96		

9. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc

Rigid and smooth centring 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

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	L/W	4.000	9.820	0.600	0.000	0.000	23.568	-	
ii	S/W	4.000	6.780	0.600	0.000	0.000	16.272	-	
iii	TOTAL STEP	12.000	9.160	0.200	0.000	0.000	21.984	-	
Total Quantity					61.824 Sqm (Sqm)		61.824 Sqm (Square Meter)		
Amount					61.824 X 216.39264180804		13378.26		

10. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)

Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	L/W	2.000	2.790	2.450	0.000	0.000	13.671	-	
ii	S/W	2.000	2.800	2.450	0.000	0.000	13.720	-	
iii	OPENING	1.000	0.900	2.450	0.000	0.000	-	2.205	
Total Quantity					25.186 Sqm (Sqm)		25.186 Sqm (Square Meter)		

Amount		25.186 X 71.83753306751					1809.30	
11. Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside)								
Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty 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	L/W	2.000	2.790	2.450	0.000	0.000	13.671	-
ii	S/W	2.000	2.800	2.450	0.000	0.000	13.720	-
iii	OPENING	1.000	0.900	2.450	0.000	0.000	-	2.205
Total Quantity					25.186 Sqm (Sqm)		25.186 Sqm (Square Meter)	
Amount		25.186 X 57.115150544344					1438.50	
Total Amount							289098.22	
Addition								
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							3010.00	
Provision for survey investigation and quality control (+) @								
Provision for Contingency (+) @							2890.98	
Total Addition							10900.98	
Grand Net Total Amount							299999.21	

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Kantamal Block

Jaya Mahanta
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