

Detailed Estimate

OD/363/3479/119915/429997/00072679 : Const of Bathing Ghat & Changing Room at Putsil (02 Nos)

Block : Semiliguda, Gram Panchayat : Dudhari

Created By: SMT RASMITA RAUT

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	2.000	3.000	2.400	0.075	0.000	1.080	-
ii	WALL FOUNDATION	1.000	3.500	0.600	0.600	0.000	1.260	-
iii	Road Levelling	1.000	7.000	3.600	0.300	0.000	7.560	-
iv	Cutoff	2.000	7.000	0.300	0.300	0.000	1.260	-
v	Steps	2.000	3.300	0.300	0.300	0.000	0.594	-
vi		6.000	2.500	0.300	0.300	0.000	1.350	-
vii	Approach Road Cutoff	2.000	20.000	0.300	0.300	0.000	3.600	-
Total Quantity					16.704 cum (cum)		16.704 Cum (Cubic Meter)	
Amount					16.704 X 240.77592		4021.92	
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	Road	1.000	7.000	3.600	0.100	0.000	2.520	-
ii	Steps	2.000	3.300	0.300	0.100	0.000	0.198	-

iii		12.000	2.500	0.300	0.100	0.000	0.900	-
iv	Road	1.000	2.800	1.800	0.100	0.000	0.504	-
v	Wall Base	1.000	3.500	0.600	0.100	0.000	0.210	-
vi	Approach Road	1.000	20.000	2.500	0.100	0.000	5.000	-
Total Quantity					9.332 cum (cum)		9.332 Cum (Cubic Meter)	
Amount					9.332 X 1279.117732		11936.73	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Paltform Cutoff	2.000	7.000	0.300	0.300	0.000	1.260	-
ii		2.000	2.800	0.300	0.300	0.000	0.504	-
iii		2.000	3.600	0.300	0.300	0.000	0.648	-
iv	Steps	2.000	3.300	0.300	0.300	0.000	0.594	-
v		12.000	2.500	0.300	0.300	0.000	2.700	-
vi	Wall	1.000	3.500	0.600	1.500	0.000	3.150	-
vii	RoomFloor	1.000	4.200	2.600	0.100	0.000	1.092	-
viii	Platform	1.000	7.000	3.600	0.150	0.000	3.780	-
ix	Platform	1.000	2.800	1.800	0.300	0.000	1.512	-
x	Approach	2.000	20.000	0.230	0.300	0.000	2.760	-
xi	Road	1.000	20.000	2.500	0.100	0.000	5.000	-
Total Quantity					23 cum (cum)		23 Cum (Cubic Meter)	
Amount					23 X 5832.99264644		134158.83	

4. Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)

Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room 1	2.000	2.100	2.740	0.000	0.000	11.508	-
Total Quantity					11.508 Sqm (Sqm)		11.508 Sqm (Square Meter)	
Amount					11.508 X 1542.696434221		17753.35	

5. Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753)

Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Long Wall	4.000	2.740	1.200	0.000	0.000	13.152	-
ii	Short Wall	4.000	2.100	1.200	0.000	0.000	10.080	-
iii	Door	2.000	0.900	1.800	0.000	0.000	-	3.240
Total Quantity					19.992 Sqm (Sqm)		19.992 Sqm (Square Meter)	
Amount					19.992 X 892.761434221		17848.09	

6. Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips

2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specification and direction of Engineer-in charge. (new work)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof	1.000	5.000	3.400	0.000	0.000	17.000	-
Total Quantity					17 Sqm (Sqm)		17 Sqm (Square Meter)	

Amount					17 X 362.8818848288	6168.99		
7. 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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Bathing Ghat Platform	1.000	7.000	3.600	0.075	0.000	1.890	-
ii		1.000	2.800	1.800	0.075	0.000	0.378	-
iii	Steps	6.000	3.000	0.300	0.075	0.000	0.405	-
iv	Road	1.000	20.000	2.500	0.075	0.000	3.750	-
Total Quantity					6.423 cum (cum)		6.423 Cum (Cubic Meter)	
Amount					6.423 X 7326.14508798		47055.83	
8. 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	Inside Long Wall	4.000	2.740	0.000	2.500	0.000	27.400	-
ii	Inside S/W	4.000	2.100	0.000	2.500	0.000	21.000	-
iii	Ceilling	2.000	2.100	2.740	0.000	0.000	11.508	-
iv	Door	2.000	0.900	0.000	1.800	0.000	-	3.240
Total Quantity					56.668 Sqm (Sqm)		56.668 Sqm (Square Meter)	
Amount					56.668 X 71.85266428151		4071.75	
9. Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface)								

Priming one coat with outer 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	Long wall	2.000	4.800	0.000	2.500	0.000	24.000	-	
ii	Short wall	2.000	3.200	0.000	2.500	0.000	16.000	-	
iii	Wall	2.000	3.500	0.000	1.500	0.000	10.500	-	
iv	Steps	12.000	3.500	0.000	0.300	0.000	12.600	-	
v	Door	2.000	0.900	0.000	1.800	0.000	-	3.240	
Total Quantity					59.86 Sqm (Sqm)		59.86 Sqm (Square Meter)		
Amount					59.86 X 72.871300476129		4362.08		

10. Painting (AR0922b) : Finishing wall surface with two coats with distemper of approved shades above one coat waterbound Primer on new work (Inside)

Finishing wall surface with two coats with distemper of approved shades above one coat waterbound Primer for new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Quantity as per Priming Surface area	55.668	0.000	0.000	0.000	0.000	55.668	-	
ii		59.860	0.000	0.000	0.000	0.000	59.860	-	
Total Quantity					115.528 Sqm (Sqm)		115.528 Sqm (Square Meter)		
Amount					115.528 X 150.72297595651		17412.72		

11. Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface

Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
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i	Door	2.000	0.900	0.000	1.800	0.000	3.240	-
ii		2.000	0.900	0.000	1.800	0.000	3.240	-
Total Quantity					6.48 Sqm (Sqm)		6.48 Sqm (Square Meter)	
Amount					6.48 X 230.05939198253		1490.78	
12. 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	Inside Long Wall	4.000	2.740	0.000	2.500	0.000	27.400	-
ii	Inside Short wall	4.000	2.100	0.000	2.500	0.000	21.000	-
iii	Outside Long wall	2.000	4.800	0.000	2.500	0.000	24.000	-
iv	Outside Short wall	2.000	3.200	0.000	2.500	0.000	16.000	-
v	Wall	1.000	3.500	0.000	1.500	0.000	5.250	-
vi	Steps	12.000	3.500	0.000	0.300	0.000	12.600	-
vii	Door	2.000	0.900	0.000	1.800	0.000	-	3.240
Total Quantity					103.01 Sqm (Sqm)		103.01 Sqm (Square Meter)	
Amount					103.01 X 254.974555348		26264.93	
Total Amount							292546.00	
Addition								
Display Citizen Board (+) @							4500.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								

Provision for Contingency (+) @	2954.00
Total Addition	7454.00
Grand Net Total Amount	300000.00

SMT RASMITA RAUT
JE
Semiliguda Block

ER TOPHAN KUMAR NAYAK
AEE
Semiliguda Block

JASHMIN KUMAR PRADHAN
BDO
Semiliguda Block