

Detailed Estimate

OD/345/3285/115782/420275/00014442 : Imp of Play Ground at Bidighat
Block : Balangir, Panchayat : Bidighat
Created By: Rasmita Mohanty

1. Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift								
Earth work in ordinary soil 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 direction of the Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Stage l/w	2.000	30.750	2.000	2.000	0.000	246.000	-
ii	S/w	2.000	16.750	2.000	2.000	0.000	134.000	-
iii	Step	2.000	5.000	4.000	1.000	0.000	40.000	-
Total Quantity					420 Cft (Cubic Foot)		11.893056 Cum (Cubic Meter)	
Amount					11.893056 X 146.0864		1737.41	
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	Stage l/w	2.000	30.750	2.000	0.500	0.000	61.500	-
ii	S/w	2.000	18.750	2.000	0.500	0.000	37.500	-
iii	Stage inner	1.000	27.500	17.500	2.000	0.000	962.500	-
iv	Step	2.000	5.000	4.000	0.500	0.000	20.000	-
Total Quantity					1081.5 Cft (Cubic Foot)		30.6246192 Cum (Cubic Meter)	
Amount					30.6246192 X 724.601472		22190.64	
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	Stage l/w	2.000	30.750	2.000	0.330	0.000	40.590	-
ii	S/w	2.000	16.750	2.000	0.330	0.000	22.110	-
iii	Stage	1.000	30.000	20.000	0.330	0.000	198.000	-
iv	Step 1	2.000	5.000	4.000	1.000	0.000	40.000	-
v	Step 2	2.000	5.000	3.000	0.500	0.000	15.000	-
vi	Step 3	2.000	5.000	2.000	0.500	0.000	10.000	-
vii	Step 4	2.000	5.000	1.000	0.500	0.000	5.000	-
Total Quantity					330.7 Cft (Cubic Foot)		9.36436576 Cum (Cubic Meter)	
Amount					9.36436576 X 5776.84349222		54096.48	

4. 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	Stage 1st footing l/w	2.000	30.750	1.500	1.000	0.000	92.250	-
ii	2nd	2.000	30.500	1.250	1.750	0.000	133.438	-
iii	S/w 1st footing	2.000	17.750	1.500	1.000	0.000	53.250	-
iv	2nd	2.000	18.000	1.250	1.750	0.000	78.750	-
Total Quantity					357.6875 Cft (Cubic Foot)		10.1285654 Cum (Cubic Meter)	
Amount					10.1285654 X 4960.774387696		50245.53	

5. Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips

2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	Stage	1.000	30.000	20.000	0.000	0.000	600.000	-
Total Quantity					600 Sft (Square Foot)		55.7418 Sqm (Square Meter)	
Amount					55.7418 X 364.4374762844		20314.40	
6. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside								
12mm thick cement plster (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	L/w	2.000	30.000	2.500	0.000	0.000	150.000	-
ii	S/w	2.000	20.000	2.500	0.000	0.000	100.000	-
iii	STEPS	8.000	5.000	1.000	0.000	0.000	40.000	-
iv	SIDE OF STEP	4.000	4.000	0.000	0.500	0.000	8.000	-
v		4.000	3.000	0.000	0.500	0.000	6.000	-
vi		4.000	2.000	0.000	0.500	0.000	4.000	-
vii		4.000	1.000	0.000	0.500	0.000	2.000	-
Total Quantity					310 Sft (Square Foot)		28.79993 Sqm (Square Meter)	
Amount					28.79993 X 172.1863699844		4958.96	
Total Amount							153543.42	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							140456.00	
Total Addition							146456.00	

Grand Net Total Amount	299999.42
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