

Detailed Estimate

OD/370/3554/121223/424884/00072814 : CONST OF RIVER BANK STEPS & BATHING ROOM OF BADABANKILI VILLAGE

Block : Muniguda, Gram Panchayat : Telengapadar

Created By: SANDHYA RANI MALLICK

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	LAND LEVELLING	1.000	20.000	15.000	0.600	0.000	180.000	-
ii	D/S WALL	1.000	8.000	0.900	1.200	0.000	8.640	-
iii	HEAD WALL	1.000	8.000	0.600	0.600	0.000	2.880	-
iv	SIDE + MIDDLE WALL	3.000	10.000	0.600	0.600	0.000	10.800	-
Total Quantity					202.32 cum (cum)		202.32 Cum (Cubic Meter)	
Amount					202.32 X 240.77592		48713.78	
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	SAND FILLING	1.000	10.000	5.200	0.150	0.000	7.800	-
ii	D/S WALL	1.000	8.000	0.900	0.150	0.000	1.080	-
iii	HEAD WALL	1.000	8.000	0.600	0.150	0.000	0.720	-

iv	SIDE + MIDDLE WALL	3.000	10.000	0.600	0.150	0.000	2.700	-	
Total Quantity					12.3 cum (cum)		12.3 Cum (Cubic Meter)		
Amount					12.3 X 567.017232		6974.31		

3. 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	step Bed	1.000	39.800	0.000	0.300	0.000	11.940	-	
ii	D/S WALL	2.000	8.000	0.000	1.200	0.000	19.200	-	
iii	HEAD WALL	2.000	8.000	0.000	0.450	0.000	7.200	-	
iv	SIDE WALL	6.000	10.000	0.000	0.450	0.000	27.000	-	
v	Step	24.000	8.000	0.000	0.200	0.000	38.400	-	
vi	Two side wall	4.000	10.900	0.000	0.300	0.000	13.080	-	
Total Quantity					116.82 Sqm (Sqm)		116.82 Sqm (Square Meter)		
Amount					116.82 X 216.39264180804		25278.99		

4. 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	step Bed	1.000	10.900	8.000	0.300	0.000	26.160	-
ii	D/S WALL	1.000	8.000	0.900	0.300	0.000	2.160	-
iii	HEAD WAL	1.000	8.000	0.450	0.450	0.000	1.620	-

iv	SIDE WALL	3.000	10.000	0.450	0.450	0.000	6.075	-
v	Step	12.000	8.000	0.450	0.200	0.000	8.640	-
vi	2nd layer D/S Wall	1.000	8.000	0.750	0.300	0.000	1.800	-
vii	Two side wall	2.000	10.900	0.450	0.300	0.000	2.943	-
viii	3rd D/S wall	1.000	8.000	0.450	0.900	0.000	3.240	-
Total Quantity					52.638 cum (cum)		52.638 Cum (Cubic Meter)	
Amount					52.638 X 5202.39586192		273843.71	
5. 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	Step	24.000	8.000	0.450	0.050	0.000	4.320	-
ii	Two side wall	2.000	10.900	0.450	0.050	0.000	0.491	-
Total Quantity					4.8105 cum (cum)		4.8105 Cum (Cubic Meter)	
Amount					4.8105 X 6783.15485304		32630.37	
Total Amount							387441.16	
Addition								
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @							6000.00	
Provision for Contingency (+) @							4000.00	
Total Addition							15000.00	

Grand Net Total Amount

402441.16

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