

Detailed Estimate

OD/371/3565/121404/382499/00103689 : Development of Model Pond at Kandhara
Block : Rairakhol, Gram Panchayat : Kadaligarh
Created By:Khirabdhii Tanaya Padhy

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	G/W	2.000	43.000	0.450	0.450	0.000	17.415	-
ii		2.000	55.250	0.450	0.450	0.000	22.376	-
iii	Steps	2.000	43.000	1.300	0.200	0.000	22.360	-
iv		2.000	55.250	1.300	0.200	0.000	28.730	-
Total Quantity					90.88125 cum (cum)		90.88125 Cum (Cubic Meter)	
Amount					90.88125 X 240.77592		21882.02	
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	G/W	2.000	43.000	0.450	0.100	0.000	3.870	-
ii		2.000	55.250	0.450	0.100	0.000	4.973	-
iii	Steps	2.000	43.000	1.300	0.100	0.000	11.180	-
iv		2.000	55.250	1.300	0.100	0.000	14.365	-
Total Quantity					34.3875 cum (cum)		34.3875 Cum (Cubic Meter)	
Amount					34.3875 X 476.834332		16397.14	
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	G/Wall	2.000	43.000	0.400	0.900	0.000	30.960	-
ii		2.000	55.250	0.400	0.900	0.000	39.780	-
iii	Steps	2.000	43.000	1.300	0.100	0.000	11.180	-
iv		2.000	55.250	1.300	0.100	0.000	14.365	-
Total Quantity							96.285 cum (cum)	96.285 Cum (Cubic Meter)
Amount							96.285 X 5360.3786358	516124.06

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 as per specificaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Steps	2.000	43.000	1.300	0.050	0.000	5.590	-
ii		2.000	55.250	1.300	0.050	0.000	7.183	-
Total Quantity							12.7725 cum (cum)	12.7725 Cum (Cubic Meter)
Amount							12.7725 X 6908.1781636	88234.71

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 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		1.000	55.250	0.000	1.000	0.000	55.250	-
ii		1.000	20.000	0.000	1.000	0.000	20.000	-
Total Quantity							75.25 Sqm (Sqm)	75.25 Sqm (Square Meter)

Amount	75.25 X 216.23489289764	16271.68
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Total Amount (A) : 658909.60

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.3274	-	3274
2	Provision for Contingency @ Rs.6700	-	6700
Additional Components Amount (F) : 9974			

Grand Total Amount (A + F) : 668883.59540428

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