

Detailed Estimate

**OD/346/3307/116277/392863/00072721 : Const of Protection Wall with CC Road from Sudev Das House to Taruna
Mallik House VillGPKuligan
Block : Remuna, Gram Panchayat : Kuligan
Created By:MAHENDRA KUMAR SAMAL**

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	cutoff	2.000	90.000	0.200	0.100	0.000	3.600	-
Total Quantity					3.6 cum (cum)		3.6 Cum (Cubic Meter)	
Amount					3.6 X 240.77592		866.79	
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	cutoff	2.000	90.000	0.200	0.050	0.000	1.800	-
ii	road	1.000	90.000	2.600	0.150	0.000	35.100	-
Total Quantity					36.9 cum (cum)		36.9 Cum (Cubic Meter)	
Amount					36.9 X 1267.522932		46771.60	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	cutoff	2.000	90.000	0.200	0.200	0.000	7.200	-

ii	road	1.000	90.000	3.000	0.095	0.000	25.650	-
Total Quantity					32.85 cum (cum)		32.85 Cum (Cubic Meter)	
Amount					32.85 X 6106.6956532		200604.95	
4. 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	cutoff	4.000	90.000	0.000	0.150	0.000	54.000	-
ii	cutoff	2.000	90.000	0.000	0.180	0.000	32.400	-
Total Quantity					86.4 Sqm (Sqm)		86.4 Sqm (Square Meter)	
Amount					86.4 X 216.39264180804		18696.32	
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	road	1.000	90.000	3.000	0.082	0.000	22.140	-
Total Quantity					22.14 cum (cum)		22.14 Cum (Cubic Meter)	
Amount					22.14 X 7736.4868194		171285.82	
Total Amount							438225.48	
Addition								
Provision for Contingency (+) @							4500.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							2274.51	

Provision for survey investigation and quality control (+) @	
Total Addition	11774.51
Grand Net Total Amount	449999.99

MAHENDRA KUMAR SAMAL
JE
Remuna Block

AJAY KUMAR BEHERA
AEE
Remuna Block

Sourav Sarthak Mohapatra
BDO
Remuna Block