

Detailed Estimate

**OD/370/3549/121134/426854/00071247 : Construction of Canal from kusum tree to hara Billa at Sambarlendi,
Karlaghati**

Block : Gudari, Gram Panchayat : Karlaghati

Created By: P Mohan Rao Patro

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	CANAL	1.000	76.000	1.300	0.450	0.000	44.460	-
ii	CUT OFF	2.000	76.000	0.350	0.150	0.000	7.980	-
Total Quantity					52.44 cum (cum)		52.44 Cum (Cubic Meter)	
Amount					52.44 X 240.77592		12626.29	
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	CANAL BEDD	1.000	76.000	0.500	0.050	0.000	1.900	-
Total Quantity					1.9 cum (cum)		1.9 Cum (Cubic Meter)	
Amount					1.9 X 526.617232		1000.57	
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	CANAL CUT OFF	2.000	75.000	0.350	0.150	0.000	7.875	-

ii	CANAL BED	1.000	75.000	1.200	0.150	0.000	13.500	-
iii	CANAL WALL	2.000	75.000	0.350	0.300	0.000	15.750	-
Total Quantity					37.125 cum (cum)		37.125 Cum (Cubic Meter)	
Amount					37.125 X 5240.88898192		194568.00	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC CANAL BED	1.000	76.000	0.500	0.050	0.000	1.900	-
ii	WALL TOP	2.000	76.000	0.350	0.035	0.000	1.862	-
Total Quantity					3.762 cum (cum)		3.762 Cum (Cubic Meter)	
Amount					3.762 X 6821.06015304		25660.83	
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	WALL	2.000	76.000	1.000	0.300	0.000	45.600	-
Total Quantity					45.6 Sqm (Sqm)		45.6 Sqm (Square Meter)	
Amount					45.6 X 216.39264180804		9867.50	
Total Amount							243723.20	
Addition								
Display Citizen Board (+) @							3776.00	

Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Provision for Contingency (+) @	2500.00
Total Addition	6276.00
Grand Net Total Amount	249999.20

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JE
Gudari Block

Sasmita Sabar
AEE
Gudari Block

SUCHISMITA BEHERA
BDO
Gudari Block