

Detailed Estimate

OD/370/3557/121264/426561/00071322 : Construction of canal at Karubai

Block : Rayagada, Gram Panchayat : Karubai

Created By:SWAGATIKA CHHUAL SINGH

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	canal	1.000	56.500	1.000	0.300	0.000	16.950	-
Total Quantity					16.95 cum (cum)		16.95 Cum (Cubic Meter)	
Amount					16.95 X 240.77592		4081.15	
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	canal	1.000	56.500	0.900	0.150	0.000	7.628	-
Total Quantity					7.6275 cum (cum)		7.6275 Cum (Cubic Meter)	
Amount					7.6275 X 795.852932		6070.37	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	canal	1.000	56.500	0.900	0.150	0.000	7.628	-
Total Quantity					7.6275 cum (cum)		7.6275 Cum (Cubic Meter)	

Amount					7.6275 X 5463.16745892	41670.31		
4. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips								
Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	canal	1.000	56.500	0.900	0.100	0.000	5.085	-
ii	wall	2.000	56.500	0.150	0.450	0.000	7.628	-
Total Quantity					12.7125 cum (cum)		12.7125 Cum (Cubic Meter)	
Amount					12.7125 X 5768.2212341684		73328.51	
5. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position								
Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	canal	1.000	12.700	0.000	0.000	0.460	5.842	-
Total Quantity					5.842 Qntl (Quintal)		5.842 Qntl (Quintal)	
Amount					5.842 X 8659.2281118		50587.21	
6. 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	4.000	56.500	0.000	0.450	0.000	101.700	-
Total Quantity					101.7 Sqm (Sqm)		101.7 Sqm (Square Meter)	

Amount	101.7 X 216.23489289764	21991.09
Total Amount		197728.64
Addition		
Display Citizen Board (+) @		2331.90
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Provision for Contingency (+) @		1977.29
Total Addition		4309.19
Grand Net Total Amount		202037.83

SWAGATIKA CHHUAL SINGH
JE
Rayagada Block

SAMEER KUMAR RATH
AEE
Rayagada Block

SHRI SUJIT KUMAR MISHRA
BDO
Rayagada Block