

Detailed Estimate

OD/352/3349/117253/402574/00063558 : Construction of CC road from Kunda Shiva Mandir to Chakaria Nala
Block : Bhuban, Gram Panchayat : Mrudanga
Created By: Girish Kumar Parida

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	Cutoff	2.000	84.000	0.300	0.200	0.000	10.080	-
ii	Road	1.000	20.000	3.000	0.125	0.000	7.500	-
Total Quantity					17.58 cum (cum)		17.58 Cum (Cubic Meter)	
Amount					17.58 X 240.77592		4232.84	
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	Road	1.000	84.000	3.050	0.100	0.000	25.620	-
Total Quantity					25.62 cum (cum)		25.62 Cum (Cubic Meter)	
Amount					25.62 X 789.217232		20219.75	
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	Cutoff	2.000	84.000	0.225	0.200	0.000	7.560	-

ii	Road	1.000	84.000	3.050	0.087	0.000	22.289	-
Total Quantity					29.8494 cum (cum)		29.8494 Cum (Cubic Meter)	
Amount					29.8494 X 5943.94359266		177423.15	
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	84.000	0.400	0.000	0.000	67.200	-
ii	Edge	2.000	84.000	0.075	0.000	0.000	12.600	-
Total Quantity					79.8 Sqm (Sqm)		79.8 Sqm (Square Meter)	
Amount					79.8 X 216.23489289764		17255.54	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	84.000	3.500	0.080	0.000	23.520	-
Total Quantity					23.52 cum (cum)		23.52 Cum (Cubic Meter)	
Amount					23.52 X 7403.60698142		174132.84	
Total Amount							393264.12	
Addition								
Provision for Contingency (+) @							3932.64	
Display Citizen Board (+) @							2803.00	

Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	6735.64
Grand Net Total Amount	399999.76

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