

Detailed Estimate

OD/373/3584/121694/383781/00071379 : Construction of Cement Concrete Road from Sahajbahal School to Basti
Block : Lephripara, Gram Panchayat : Darlipali
Created By:Radhashyam Das

1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC ROAD	1.000	64.000	3.500	0.000	0.000	224.000	-
Total Quantity					224 Sqm (Sqm)		224 Sqm (Square Meter)	
Amount					224 X 4.6662		1045.23	
2. 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	CC ROAD CIUT OFF	2.000	64.000	0.225	0.150	0.000	4.320	-
Total Quantity					4.32 cum (cum)		4.32 Cum (Cubic Meter)	
Amount					4.32 X 240.77592		1040.15	
3. 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	CC ROAD	1.000	64.000	3.500	0.100	0.000	22.400	-
ii	deduct cut off	2.000	64.000	0.225	0.050	0.000	-	1.440

Total Quantity				20.96 cum (cum)			20.96 Cum (Cubic Meter)	
Amount				20.96 X 1217.962232			25528.49	
4. 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	CC ROAD	1.000	64.000	3.500	0.100	0.000	22.400	-
ii	CUT OFF	2.000	64.000	0.225	0.075	0.000	2.160	-
Total Quantity				24.56 cum (cum)			24.56 Cum (Cubic Meter)	
Amount				24.56 X 5564.28594202			136658.86	
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	CC ROAD	1.000	64.000	3.500	0.100	0.000	22.400	-
ii	deduct expansion joints	13.000	3.500	0.100	0.010	0.000	-	0.046
Total Quantity				22.3545 cum (cum)			22.3545 Cum (Cubic Meter)	
Amount				22.3545 X 7030.36979574			157160.40	
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	CUT OFF	2.000	64.000	0.300	0.000	0.000	38.400	-
Total Quantity					38.4 Sqm (Sqm)		38.4 Sqm (Square Meter)	
Amount					38.4 X 217.18138636004		8339.77	
7. miscellaneous (ARM017) : Inserting premoulded expansion joint including cleaning (labour only)(R.C.C. Works) and as directed by Engineer-in-Charge.								
Inserting premoulded expansion joint including cleaning (labour only)(R.C.C. Works) and as directed by Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Expansion joint	13.000	3.500	0.000	0.000	0.000	45.500	-
Total Quantity					45.5 ft (Feet)		149.27822 Rmt (Meter)	
Amount					149.27822 X 2.01		300.05	
Total Amount							330072.95	
Addition								
Provision for Contingency (+) @							3398.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							1388.05	
Provision for survey investigation and quality control (+) @								
Total Addition							9786.05	
Grand Net Total Amount							339859.00	

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JE
Lephripara Block

Brusabhanu Bhoi
AEE
Lephripara Block

BDO LEPHRIPARA
BDO
Lephripara Block