

Detailed Estimate

OD/366/3515/120452/427409/00064831 : Improvement of Road with CC/Gr-II Metalling at Sanbhimaguda
Block : Jhorigam, Gram Panchayat : Dhodra
Created By: Ramray Marndi

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	Leveling	1.000	42.000	3.650	0.000	0.000	153.300	-
Total Quantity					153.3 Sqm (Sqm)		153.3 Sqm (Square Meter)	
Amount					153.3 X 4.6662		715.33	
2. Earth Work (AR0122Aia) : Earthwork in all kinds of soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift								
Earthwork in all kinds of soil in foundation and 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 direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Foundation	2.000	42.000	0.150	0.150	0.000	1.890	-
Total Quantity					1.89 cum (cum)		1.89 Cum (Cubic Meter)	
Amount					1.89 X 265.152522096		501.14	
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	Road	1.000	42.000	3.250	0.100	0.000	13.650	-
Total Quantity					13.65 cum (cum)		13.65 Cum (Cubic Meter)	
Amount					13.65 X 627.283932		8562.43	

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	Cut Off	2.000	42.000	0.150	0.350	0.000	4.410	-
ii	Road	1.000	42.000	3.350	0.100	0.000	14.070	-
Total Quantity					18.48 cum (cum)		18.48 Cum (Cubic Meter)	
Amount					18.48 X 5406.4683193		99911.53	

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 specification and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	42.000	3.650	0.075	0.000	11.498	-
Total Quantity					11.4975 cum (cum)		11.4975 Cum (Cubic Meter)	
Amount					11.4975 X 6928.2779211		79657.88	

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	42.000	0.000	0.200	0.000	16.800	-
ii	Side	2.000	42.000	0.000	0.075	0.000	6.300	-
Total Quantity					23.1 Sqm (Sqm)		23.1 Sqm (Square Meter)	
Amount					23.1 X 216.39264180804		4998.67	

Total Amount	194346.97
Addition	
Provision for Contingency (+) @	2000.00
Display Citizen Board (+) @	3653.02
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	5653.02
Grand Net Total Amount	199999.99

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Jhorigam Block

Bineet Kumar Mishra
AEE
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