

Detailed Estimate

OD/357/3404/118516/381087/00076770 : Construction of CC road at Harijanpada Ghosuramunda
Block : Jharsuguda, Gram Panchayat : Chandinimal
Created By:Rasmita maharana

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	road	1.000	103.500	3.600	0.100	0.000	37.260	-
ii	cutoff	2.000	103.500	0.200	0.200	0.000	8.280	-
Total Quantity					45.54 cum (cum)		45.54 Cum (Cubic Meter)	
Amount					45.54 X 240.77592		10964.94	
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	103.500	3.200	0.100	0.000	33.120	-
ii	cutoff	2.000	103.500	0.200	0.050	0.000	2.070	-
Total Quantity					35.19 cum (cum)		35.19 Cum (Cubic Meter)	
Amount					35.19 X 914.517832		32181.88	
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	road	1.000	103.500	3.200	0.100	0.000	33.120	-
ii	cutoff	2.000	103.500	0.200	0.150	0.000	6.210	-
Total Quantity					39.33 cum (cum)		39.33 Cum (Cubic Meter)	
Amount					39.33 X 5787.77097714		227633.03	
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	road	1.000	103.500	3.600	0.100	0.000	37.260	-
Total Quantity					37.26 cum (cum)		37.26 Cum (Cubic Meter)	
Amount					37.26 X 7211.43627718		268698.12	
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	road	2.000	103.500	0.200	0.000	0.000	41.400	-
Total Quantity					41.4 Sqm (Sqm)		41.4 Sqm (Square Meter)	
Amount					41.4 X 216.23489289764		8952.12	
Total Amount							548430.09	
Addition								
Provision for Contingency (+) @							5584.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							1339.89	

Provision for survey investigation and quality control (+) @	
Total Addition	9923.89
Grand Net Total Amount	558353.98

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