

## Detailed Estimate

**OD/353/3359/117480/414556/00065228 : Improvement of road from PWD road to Kumuti Sahi to Hadubhangi village  
in convergence with MGNREGA**

**Block : Kasinagar, Gram Panchayat : Hadubhangi**

**Created By: Rabindranath Gouda**

<b>1. Earth Work (AR0103a) : Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift</b>									
Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department									
SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Protection Wall	1.000	38.000	0.750	0.600	0.000	17.100	-	
ii	Filling Bed of Road	1.000	38.000	3.500	0.600	0.000	79.800	-	
iii	Levelling of Bed	1.000	34.350	3.660	0.100	0.000	12.572	-	
iv	Cut off wall	2.000	34.350	0.300	0.200	0.000	4.122	-	
Total Quantity					113.5941 cum (cum)		113.5941 Cum (Cubic Meter)		
Amount					113.5941 X 312.915372		35545.34		
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>									
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	Protection wall	1.000	38.000	0.750	0.100	0.000	2.850	-	
ii	Cut off wall	2.000	34.350	0.300	0.100	0.000	2.061	-	
iii	Road Bed	1.000	34.350	3.210	0.100	0.000	11.026	-	

Total Quantity		15.93735 cum (cum)		15.93735 Cum (Cubic Meter)				
Amount		15.93735 X 792.489632		12630.18				
<b>3. Road Work (AR1307) : Supplying &amp; spreading moorum and consolidation with HRR</b>								
Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Bed	1.000	38.000	3.500	0.150	0.000	19.950	-
Total Quantity		19.95 cum (cum)		19.95 Cum (Cubic Meter)				
Amount		19.95 X 1511.5537286784		30155.50				
<b>4. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
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	Protection Wall	2.000	38.000	0.000	0.900	0.000	68.400	-
ii	Road Bed	2.000	34.350	0.000	0.100	0.000	6.870	-
iii	Cut off wall	4.000	34.350	0.000	0.300	0.000	41.220	-
Total Quantity		116.49 Sqm (Sqm)		116.49 Sqm (Square Meter)				
Amount		116.49 X 216.55039071844		25225.96				
<b>5. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								
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	Protection wall	1.000	38.000	0.450	1.050	0.000	17.955	-
ii	Road Bed	1.000	34.350	3.210	0.100	0.000	11.026	-
iii	Cut off wall	2.000	34.350	0.230	0.300	0.000	4.740	-
Total Quantity					33.72165 cum (cum)		33.72165 Cum (Cubic Meter)	
Amount					33.72165 X 5844.18594922		197075.59	
<b>6. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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 Bed	1.000	34.350	3.660	0.100	0.000	12.572	-
Total Quantity					12.5721 cum (cum)		12.5721 Cum (Cubic Meter)	
Amount					12.5721 X 7337.06815314		92242.35	
<b>Total Amount</b>							<b>392874.92</b>	
<b>Addition</b>								
Provision for Contingency (+) @							3928.75	
Display Citizen Board (+) @							3196.32	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>7125.07</b>	
<b>Grand Net Total Amount</b>							<b>399999.99</b>	

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