

## Detailed Estimate

**OD/346/3305/116243/393095/00115347 : Development of road from Kukunda Nala bridge to laxmidhara mahalik bila sangrampur**

**Block : Nilgiri, Gram Panchayat : Kanas**

**Created By: MADHUSMITA MOHANTY**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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	WALL	1.000	70.000	3.000	1.000	0.000	210.000	-
<b>Total Quantity</b>					210 Cft (Cubic Foot)		5.946528 Cum (Cubic Meter)	
<b>Amount</b>					<b>5.946528 X 240.77592</b>		<b>1431.78</b>	
<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	WALL	1.000	70.000	3.000	0.330	0.000	69.300	-
<b>Total Quantity</b>					69.3 Cft (Cubic Foot)		1.96235424 Cum (Cubic Meter)	
<b>Amount</b>					<b>1.96235424 X 921.527232</b>		<b>1808.36</b>	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	WALL	1.000	70.000	3.000	0.830	0.000	174.300	-
ii		1.000	70.000	1.665	4.160	0.000	484.848	-

Total Quantity	659.148 Cft (Cubic Foot)	18.6649620864 Cum (Cubic Meter)
Amount	18.6649620864 X 5994.77185276	111892.19

**4. Earth Work (AR0122Bi) : Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift**

Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	147.000	14.000	1.660	0.000	3416.280	-
ii		1.000	150.000	3.000	2.000	0.000	900.000	-
Total Quantity						4316.28 Cft (Cubic Foot)	122.223237504 Cum (Cubic Meter)	
Amount						122.223237504 X 310.01110892	37890.56	

**5. Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR**

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	1.000	147.000	13.330	0.290	0.000	568.258	-
ii	DED	568.260	0.000	0.000	0.000	0.125	-	71.033
Total Quantity						497.2254 Cft (Cubic Foot)	14.07983220672 Cum (Cubic Meter)	
Amount						14.07983220672 X 1546.5239686784	21774.80	

**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	WALL	2.000	70.000	4.160	0.000	0.000	582.400	-

Total Quantity	582.4 Sft (Square Foot)	54.1067072 Sqm (Square Meter)
Amount	54.1067072 X 216.23489289764	11699.76

<b>Total Amount (A) : 186497.45</b>
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Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.1919	-	1919
2	Display Citizen Board @ Rs.1000	-	1000
3	Any Other Lumpsum @ Rs.2502.5	OTHERS	2502.5
<b>Additional Components Amount (F) : 5421.5</b>			

<b>Grand Total Amount (A + F) : 191918.95038289</b>
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