

## Detailed Estimate

**OD/348/3323/116642/394762/00016215 : Improvement Of Road From PMGSY Road To Kodandapur Ugme School, Sabarang**  
**Block : Bhadrak, Gram Panchayat : Sabarang**  
**Created By: ABALA NAHAK**

<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	1.000	40.000	0.150	0.100	0.000	0.600	-
ii	Do	2.000	10.000	0.150	0.100	0.000	0.300	-
Total Quantity					0.9 cum (cum)		0.9 Cum (Cubic Meter)	
<b>Amount</b>					<b>0.9 X 240.77592</b>		<b>216.70</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	1.000	40.000	0.150	0.050	0.000	0.300	-
ii	below metal	1.000	10.000	2.900	0.080	0.000	2.320	-
iii	Do	1.000	6.000	2.350	0.080	0.000	1.128	-
iv	Do	1.000	24.000	1.350	0.080	0.000	2.592	-
v	cutoff	2.000	10.000	0.150	0.050	0.000	0.150	-
vi	Road	1.000	10.000	1.700	0.080	0.000	1.360	-
Total Quantity					7.85 cum (cum)		7.85 Cum (Cubic Meter)	
<b>Amount</b>					<b>7.85 X 1318.012832</b>		<b>10346.40</b>	
<b>3. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	10.000	2.900	0.080	0.000	2.320	-
ii	Do	1.000	6.000	2.350	0.080	0.000	1.128	-
iii	Do	1.000	24.000	1.350	0.080	0.000	2.592	-
iv	Do	1.000	10.000	1.700	0.080	0.000	1.360	-
v	Cutoff	1.000	40.000	0.150	0.300	0.000	1.800	-
vi	Do	2.000	10.000	0.150	0.300	0.000	0.900	-
Total Quantity					10.1 cum (cum)		10.1 Cum (Cubic Meter)	
<b>Amount</b>					<b>10.1 X 6679.13393698</b>		<b>67459.25</b>	

**4. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC**

Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Temple side Road	1.000	10.000	2.900	0.000	0.000	29.000	-
ii	Do	1.000	6.000	2.350	0.000	0.000	14.100	-
iii	Do	1.000	24.000	1.350	0.000	0.000	32.400	-
iv	Do	1.000	10.000	1.700	0.000	0.000	17.000	-
Total Quantity					92.5 Sqm (Sqm)		92.5 Sqm (Square Meter)	
<b>Amount</b>					<b>92.5 X 645.8358</b>		<b>59739.81</b>	

**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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	Cut off and road side filling	2.000	34.000	0.100	0.240	0.000	1.632	-
ii	Do	4.000	10.000	0.100	0.240	0.000	0.960	-
Total Quantity					2.592 Sqm (Sqm)		2.592 Sqm (Square Meter)	
<b>Amount</b>					<b>2.592 X 216.55039071844</b>		<b>561.30</b>	
<b>Total Amount</b>							<b>138323.46</b>	
<b>Addition</b>								
Provision for Contingency (+) @							1438.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							1026.50	
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>5464.50</b>	
<b>Grand Net Total Amount</b>							<b>143787.96</b>	