

## Detailed Estimate

**OD/373/3577/121590/385023/00072592 : Construction of Cement Concrete Road from Kamala Kishan House to Sanatan Kishan House**

**Block : Gurundia, Gram Panchayat : Tamparkela**

**Created By:Sumanti Kullu**

<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	Cut off	2.000	86.000	0.250	0.260	0.000	11.180	-
Total Quantity					11.18 cum (cum)		11.18 Cum (Cubic Meter)	
Amount					11.18 X 240.77592		2691.87	
<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	cut off	2.000	86.000	0.250	0.100	0.000	4.300	-
ii	Road	1.000	86.000	2.500	0.100	0.000	21.500	-
Total Quantity					25.8 cum (cum)		25.8 Cum (Cubic Meter)	
Amount					25.8 X 1059.392232		27332.32	
<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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	86.000	0.250	0.160	0.000	6.880	-

ii	Road	1.000	86.000	3.050	0.100	0.000	26.230	-
Total Quantity					33.11 cum (cum)		33.11 Cum (Cubic Meter)	
Amount					33.11 X 6225.22726552		206117.27	
<b>4. 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	1.000	86.000	3.050	0.075	0.000	19.673	-
Total Quantity					19.6725 cum (cum)		19.6725 Cum (Cubic Meter)	
Amount					19.6725 X 7669.51299624		150878.49	
<b>5. 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	Road	2.000	86.000	0.000	0.175	0.000	30.100	-
Total Quantity					30.1 Sqm (Sqm)		30.1 Sqm (Square Meter)	
Amount					30.1 X 216.23489289764		6508.67	
<b>Total Amount</b>							<b>393528.63</b>	
<b>Addition</b>								
Provision for Contingency (+) @							2471.00	
Display Citizen Board (+) @							4000.00	
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>6471.00</b>
<b>Grand Net Total Amount</b>	<b>399999.63</b>

**Sumanti Kullu**  
**JE**  
**Gurundia Block**

**Pradipta Kumar Mohanty**  
**AEE**  
**Gurundia Block**

**BDO Gurundia**  
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