

## Detailed Estimate

**OD/373/3579/275329/384752/00070479 : Construction of Cement Concrete Road from NH 520 to Saban Munda Sahi at Rengalbeda**

**Block : Koida, Gram Panchayat : Kasira**

**Created By: Sanjay Minz**

<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 Wall	2.000	52.300	0.250	0.150	0.000	3.923	-
Total Quantity					3.9225 cum (cum)		3.9225 Cum (Cubic Meter)	
Amount					3.9225 X 240.77592		944.44	
<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 Wall	2.000	52.300	0.250	0.050	0.000	1.308	-
ii	Road Surface	1.000	52.300	2.500	0.100	0.000	13.075	-
Total Quantity					14.3825 cum (cum)		14.3825 Cum (Cubic Meter)	
Amount					14.3825 X 1140.495232		16403.17	
<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 Wall	2.000	52.300	0.250	0.200	0.000	5.230	-

ii	Road Surface	1.000	52.300	3.000	0.100	0.000	15.690	-
Total Quantity					20.92 cum (cum)		20.92 Cum (Cubic Meter)	
Amount					20.92 X 6783.15914352		141903.69	
<b>4. Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum</b>								
Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Surface	1.000	52.300	3.000	0.100	0.000	15.690	-
Total Quantity					15.69 cum (cum)		15.69 Cum (Cubic Meter)	
Amount					15.69 X 7883.46998224		123691.64	
<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	Inside	2.000	52.300	0.100	0.000	0.000	10.460	-
ii	Outside	2.000	52.300	0.300	0.000	0.000	31.380	-
Total Quantity					41.84 Sqm (Sqm)		41.84 Sqm (Square Meter)	
Amount					41.84 X 216.23489289764		9047.27	
<b>Total Amount</b>							<b>291990.22</b>	
<b>Addition</b>								
Provision for Contingency (+) @							2919.90	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							89.50	

Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>8009.40</b>
<b>Grand Net Total Amount</b>	<b>299999.62</b>

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