

## Detailed Estimate

**OD/346/3308/116298/394160/00065560 : Const. of CC road from Rhudhunga Dola Mandap to Tukuna Kar House Bati under Bati GP.**

**Block : Simulia, Gram Panchayat : Bati**

**Created By: AJAYA MAJHI**

<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	Cutoff Wall	2.000	126.000	0.670	0.500	0.000	84.420	-
Total Quantity					84.42 Cft (Cubic Foot)		2.390504256 Cum (Cubic Meter)	
Amount					2.390504256 X 240.77592		575.58	
<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	Cutoff Wall	2.000	126.000	0.670	0.160	0.000	27.014	-
ii	Road Surface	1.000	60.000	7.500	0.330	0.000	148.500	-
iii	Road Surface	1.000	20.000	8.830	0.330	0.000	58.278	-
iv	Road Surface	1.000	46.000	7.830	0.330	0.000	118.859	-
Total Quantity					352.6518 Cft (Cubic Foot)		9.98597049024 Cum (Cubic Meter)	
Amount					9.98597049024 X 1493.995232		14918.99	
<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	Cutoff Wall	2.000	126.000	0.670	1.000	0.000	168.840	-
ii	Road Surface	1.000	60.000	7.500	0.330	0.000	148.500	-
iii	Road Surface	1.000	20.000	8.830	0.330	0.000	58.278	-
iv	Road Surface	1.000	46.000	7.830	0.330	0.000	118.859	-
Total Quantity					494.4774 Cft (Cubic Foot)		14.00201764032 Cum (Cubic Meter)	
Amount					14.00201764032 X 6284.3299587		87993.30	

#### 4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

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 specifaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Surface	1.000	60.000	8.830	0.330	0.000	174.834	-
ii	Road Surface	1.000	20.000	10.170	0.330	0.000	67.122	-
iii	Road Surface	1.000	46.000	9.170	0.330	0.000	139.201	-
Total Quantity					381.1566 Cft (Cubic Foot)		10.79313521088 Cum (Cubic Meter)	
Amount					10.79313521088 X 7707.5434009		83188.56	

#### 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	Cuetoff WALL	2.000	126.000	0.000	1.000	2.000	504.000	-
ii	Road Surface	1.000	126.000	0.000	0.330	2.000	83.160	-
Total Quantity					587.16 Sft (Square Foot)		54.54892548 Sqm (Square Meter)	
Amount					54.54892548 X 216.23489289764		11795.38	
Total Amount							198471.81	
<b>Addition</b>								
Provision for Contingency (+) @							992.36	
Display Citizen Board (+) @							1050.00	
Any Other Lumpsum (+) @							1519.83	
Provision for survey investigation and quality control (+) @								
Total Addition							3562.19	
Grand Net Total Amount							202034.00	

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