

## Detailed Estimate

**OD/346/3307/116279/392870/00072725 : Const of CC Road from Dana Chhaka to Nimakali VillBoita**  
**Block : Remuna, Gram Panchayat : Maharajpur**  
**Created By:DHARMENDRA JENA**

<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	Cutoff wall	2.000	87.450	0.225	0.200	0.000	7.871	-
Total Quantity					7.8705 cum (cum)		7.8705 Cum (Cubic Meter)	
Amount					7.8705 X 240.77592		1895.03	
<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	Cutoff wall	2.000	87.450	0.225	0.100	0.000	3.935	-
ii	Carage way	1.000	87.450	2.700	0.130	0.000	30.695	-
Total Quantity					34.6302 cum (cum)		34.6302 Cum (Cubic Meter)	
Amount					34.6302 X 1261.432632		43683.66	
<b>3. 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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Carage way	1.000	87.450	3.150	0.100	0.000	27.547	-

Total Quantity	27.54675 cum (cum)	27.54675 Cum (Cubic Meter)
Amount	27.54675 X 7772.40764312	214104.57

**4. 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	87.450	0.000	0.325	0.000	56.843	-
ii	wall	2.000	87.450	0.000	0.225	0.000	39.353	-
Total Quantity					96.195 Sqm (Sqm)		96.195 Sqm (Square Meter)	
Amount					96.195 X 216.4557413722		20821.96	

**5. miscellaneous (ARM260) : Laying and fixing in position R.C.C. spun pipes with collars jointed with cement mortar 1:3 complete excluding cost of spun pipes and collars 450mm dia R.C.C. pipe. (Other miscellaneous items) and as directed by Engineer-in-Charge.**

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SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Humepipe fixing	2.000	2.400	1.000	0.000	0.000	4.800	-
Total Quantity					4.8 DM (Decimtr)		48 Rmt (Meter)	
Amount					48 X 30.32		1455.36	

**6. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal**

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	Cutoff wall	2.000	87.450	0.225	0.320	0.000	12.593	-

ii	Carage way	1.000	87.450	2.700	0.100	0.000	23.612	-
Total Quantity					36.2043 cum (cum)		36.2043 Cum (Cubic Meter)	
Amount					36.2043 X 6130.42606376		221947.78	
Total Amount							503908.37	
<b>Addition</b>								
Provision for Contingency (+) @							5500.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							35591.00	
Provision for survey investigation and quality control (+) @								
Total Addition							46091.00	
Grand Net Total Amount							549999.37	

**DHARMENDRA JENA**  
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**Remuna Block**

**AJAY KUMAR BEHERA**  
**AEE**  
**Remuna Block**

**Sourav Sarthak Mohapatra**  
**BDO**  
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