

## Detailed Estimate

**OD/352/3356/117411/402232/00073966 : CONST OF CC ROAD AT RANGATHALI GANDA SAHI**

**Block : Parajang, Gram Panchayat : Akhuapal**

**Created By: Pinky behera**

<b>1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation</b>								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	DRESSING	1.000	328.000	12.000	0.000	0.000	3936.000	-
Total Quantity					3936 Sft (Square Foot)		365.666208 Sqm (Square Meter)	
Amount					365.666208 X 4.6662		1706.27	
<b>2. 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	2.000	328.000	0.830	0.420	0.000	228.682	-
Total Quantity					228.6816 Cft (Cubic Foot)		6.47553113088 Cum (Cubic Meter)	
Amount					6.47553113088 X 240.77592		1559.15	
<b>3. 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	2.000	328.000	0.830	0.160	0.000	87.117	-
ii	ROAD	1.000	328.000	10.330	0.250	0.000	847.060	-

Total Quantity	934.1768 Cft (Cubic Foot)	26.45289761024 Cum (Cubic Meter)
Amount	<b>26.45289761024 X 1418.447232</b>	<b>37522.04</b>

**4. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal**

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	CUTOFF	2.000	328.000	0.830	0.750	0.000	408.360	-
ii	ROAD	1.000	328.000	10.330	0.250	0.000	847.060	-
Total Quantity					1255.42 Cft (Cubic Foot)		35.549477056 Cum (Cubic Meter)	
Amount					<b>35.549477056 X 6156.02957184</b>		<b>218843.63</b>	

**5. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	328.000	12.000	0.250	0.000	984.000	-
Total Quantity					984 Cft (Cubic Foot)		27.8637312 Cum (Cubic Meter)	
Amount					<b>27.8637312 X 7569.02181808</b>		<b>210901.19</b>	

**6. 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	OUTSIDE	2.000	328.000	0.000	0.750	0.000	492.000	-
ii	INSIDE	2.000	328.000	0.000	0.500	0.000	328.000	-
Total Quantity					820 Sft (Square Foot)		76.18046 Sqm (Square Meter)	
Amount					76.18046 X 216.23489289764		16472.87	
Total Amount							487005.16	
<b>Addition</b>								
Provision for Contingency (+) @							5000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							2994.50	
Provision for survey investigation and quality control (+) @								
Total Addition							12994.50	
Grand Net Total Amount							499999.66	

Pinky behera  
JE  
Parajang Block

Rani panda  
AEE  
Parajang Block

Sauvagya Behera  
BDO  
Parajang Block