

## Detailed Estimate

**OD/359/3423/118883/416032/00072488 : CONST. OF CC ROAD AND GUARD WALL FROM JULANGI SAHI TUBEWELL TO NILANCHALA HOUSE**

**Block : Chakapad, Gram Panchayat : Brahmanpada**

**Created By: Chandray Hansdah**

<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	G WALL	1.000	34.000	2.000	2.000	1.000	136.000	-
ii	CUTOFFWALL	2.000	207.000	0.750	0.750	1.000	232.875	-
iii	ROAD	1.000	207.000	9.500	0.250	1.000	491.625	-
Total Quantity					860.5 Cft (Cubic Foot)		24.3666064 Cum (Cubic Meter)	
Amount					24.3666064 X 240.77592		5866.89	
<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	G WALL	1.000	34.000	2.000	0.330	1.000	22.440	-
ii	CUTOFF	2.000	207.000	0.750	0.330	1.000	102.465	-
iii	ROAD	1.000	207.000	9.500	0.330	1.000	648.945	-
Total Quantity					773.85 Cft (Cubic Foot)		21.91295568 Cum (Cubic Meter)	
Amount					21.91295568 X 812.911832		17813.30	

**3. 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	G WALL	2.000	34.000	1.000	3.750	1.000	255.000	-
ii	ROAD	2.000	207.000	1.000	0.660	1.000	273.240	-
Total Quantity					528.24 Sft (Square Foot)		49.07508072 Sqm (Square Meter)	
Amount					49.07508072 X 216.23489289764		10611.74	

**4. 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	G WALL	1.000	34.000	2.000	0.750	1.000	51.000	-
ii	G WALL	1.000	34.000	2.000	3.750	1.000	255.000	-
iii	CUT OFF	2.000	207.000	0.750	0.500	1.000	155.250	-
iv	ROAD	1.000	207.000	11.000	0.330	1.000	751.410	-
Total Quantity					1212.66 Cft (Cubic Foot)		34.338650688 Cum (Cubic Meter)	
Amount					34.338650688 X 5494.73018314		188681.62	

**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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
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i	G WALL TOP	1.000	34.000	2.000	0.160	1.000	10.880	-
ii	ROAD	1.000	207.000	11.000	0.330	1.000	751.410	-
Total Quantity					762.29 Cft (Cubic Foot)		21.585613472 Cum (Cubic Meter)	
Amount					21.585613472 X 7831.64556318		169050.87	
Total Amount							392024.43	
<b>Addition</b>								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							975.00	
Provision for survey investigation and quality control (+) @								
Total Addition							7975.00	
Grand Net Total Amount							399999.43	

Chandray Hansdah  
JE  
Chakapad Block

Debi Prasana Rout  
AEE  
Chakapad Block

Hruda Ranjan Sahoo  
BDO  
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