

Detailed Estimate

**OD/365/3506/120340/389127/00063390 : Construction of C.C. road at Sibajambani from Budhram Behera house to
Bipin Chandra Behera house Samakhunta GP
Block : Samakhunta, Gram Panchayat : Samakhunta
Created By:PHILLIP KUMAR MOHANTA**

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
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	1.000	60.000	0.750	0.330	0.028	0.420	-
Total Quantity					0.420255 cum (cum)		0.420255 Cum (Cubic Meter)	
Amount					0.420255 X 240.77592		101.19	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
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	1.000	60.000	0.750	0.160	0.028	0.204	-
ii	Road base	1.000	40.000	12.000	0.330	0.028	4.483	-
iii	Road base	1.000	20.000	13.250	0.330	0.028	2.475	-
Total Quantity					7.161315 cum (cum)		7.161315 Cum (Cubic Meter)	
Amount					7.161315 X 1044.232132		7478.08	
3. 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	1.000	60.000	0.750	0.500	0.028	0.637	-
ii	Road base	1.000	40.000	12.000	0.330	0.028	4.483	-
iii	Road base	1.000	20.000	14.000	0.330	0.028	2.615	-
Total Quantity					7.73439 cum (cum)		7.73439 Cum (Cubic Meter)	
Amount					7.73439 X 6313.0432588		48827.54	

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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road base	1.000	40.000	12.000	0.250	0.028	3.396	-
ii	Road base	1.000	20.000	14.000	0.160	0.028	1.268	-
Total Quantity					4.66384 cum (cum)		4.66384 Cum (Cubic Meter)	
Amount					4.66384 X 7832.3591706		36528.87	

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	1.000	60.000	0.000	0.660	0.093	3.679	-
ii	Road	1.000	20.000	0.000	0.160	0.093	0.297	-
Total Quantity					3.97612 Sqm (Sqm)		3.97612 Sqm (Square Meter)	
Amount					3.97612 X 216.23489289764		859.78	

Total Amount	93795.45
Addition	
Provision for Contingency (+) @	937.95
Display Citizen Board (+) @	1960.00
Any Other Lumpsum (+) @	306.59
Provision for survey investigation and quality control (+) @	
Total Addition	3204.54
Grand Net Total Amount	96999.99

JE
Samakhunta Block

SUVENDU NAIK
AEE
Samakhunta Block

MUNA SETHI
BDO
Samakhunta Block