

Detailed Estimate

**OD/354/3374/117767/412284/00112256 : Construction of CC Road from Nua sahi to Kalinji sahi at Khandara
Block : Hinjilicut, Gram Panchayat : Chandali
Created By: DURYODHAN BEHERA**

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	side wall	2.000	100.000	0.750	1.000	0.000	150.000	-
Total Quantity						150 Cft (Cubic Foot)	4.24752 Cum (Cubic Meter)	
Amount						4.24752 X 240.77592	1022.70	
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	side wall	2.000	100.000	0.750	0.330	0.000	49.500	-
ii	road base	1.000	100.000	10.000	0.330	0.000	330.000	-
Total Quantity						379.5 Cft (Cubic Foot)	10.7462256 Cum (Cubic Meter)	
Amount						10.7462256 X 935.990432	10058.36	
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	wall	2.000	100.000	0.750	1.000	0.000	150.000	-
ii	road base	1.000	80.000	8.500	0.330	0.000	224.400	-

Total Quantity							374.4 Cft (Cubic Foot)	10.60180992 Cum (Cubic Meter)
Amount							10.60180992 X 5730.9794407	60758.75
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	4.000	100.000	0.000	1.000	0.000	400.000	-
Total Quantity					400 Sft (Square Foot)		37.1612 Sqm (Square Meter)	
Amount					37.1612 X 216.39264180804		8041.41	
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
i	road base	1.000	80.000	10.000	0.330	0.000	264.000	-
Total Quantity					264 Cft (Cubic Foot)		7.4756352 Cum (Cubic Meter)	
Amount					7.4756352 X 7225.2935499		54013.66	
6. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC								
Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road base	1.000	20.000	12.000	0.000	0.000	240.000	-
Total Quantity					240 Sft (Square Foot)		22.29672 Sqm (Square Meter)	

Amount	22.29672 X 634.4886	14147.01
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Total Amount (A) : 148041.90

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.1500	-	1500
2	Display Citizen Board @ Rs.458	-	458

Additional Components Amount (F) : 1958

Grand Total Amount (A + F) : 149999.90325328
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DURYODHAN BEHERA
JE
Hinjilicut Block

SAHADEB PRADHAN
AEE
Hinjilicut Block

Sushree Sagarika Sarangi
BDO
Hinjilicut Block