

Detailed Estimate

OD/356/3403/118495/400523/00064456 : REPAIR AND MAINTENANCE OF ROAD FROM BENAGADIA TO KHARKHARI
Block : Sukinda, Gram Panchayat : Chingudiapal
Created By: Bagharay Majhi

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard wall	2.000	42.000	1.000	0.750	0.000	63.000	-
Total Quantity					63 cum (cum)		63 Cum (Cubic Meter)	
Amount					63 X 240.77592		15168.88	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard wall	2.000	42.000	1.000	0.200	0.000	16.800	-
ii	Road	1.000	42.000	3.700	0.150	0.000	23.310	-
Total Quantity					40.11 cum (cum)		40.11 Cum (Cubic Meter)	
Amount					40.11 X 1370.775232		54981.79	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard wall	2.000	42.000	0.650	1.350	0.000	73.710	-

ii	Road	1.000	42.000	3.700	0.100	0.000	15.540	-
iii	Guard wall	2.000	42.000	1.000	0.165	0.000	13.860	-
iv	HPC Bed	1.000	4.100	2.100	0.120	0.000	1.033	-
Total Quantity					104.1432 cum (cum)		104.1432 Cum (Cubic Meter)	
Amount					104.1432 X 6491.37894466		676032.98	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard wall	2.000	42.000	1.450	0.000	0.000	121.800	-
ii	Guard wall Inner	2.000	42.000	1.350	0.000	0.000	113.400	-
iii	HPC Portion	2.000	5.000	0.750	0.000	0.000	7.500	-
Total Quantity					242.7 Sqm (Sqm)		242.7 Sqm (Square Meter)	
Amount					242.7 X 216.23489289764		52480.21	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	42.000	4.500	0.100	0.000	0.000	18.900	-
ii	Bed	3.050	2.000	0.075	0.000	0.000	0.458	-
Total Quantity					19.3575 cum (cum)		19.3575 Cum (Cubic Meter)	

Amount	19.3575 X 7989.68311542	154660.29
Total Amount		953324.15
Addition		
Provision for Contingency (+) @		9533.24
Display Citizen Board (+) @		4288.00
Any Other Lumpsum (+) @		32854.00
Provision for survey investigation and quality control (+) @		
Total Addition		46675.24
Grand Net Total Amount		999999.39

Bagharay Majhi
JE
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Asish Kumar Biswal
AEE
Sukinda Block

Prangyan Primita Prusty
BDO
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