

Detailed Estimate

OD/346/3308/116297/394220/00073325 : Repair and construction of CC road from Bari Ranital Minor Canal to Maguragadia Brahman Sahi under Bari G.P.
Block : Simulia, Gram Panchayat : Bari
Created By: Bhakta Ranjan Mohanty

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	Cutoff Wall	2.000	23.600	0.225	0.150	0.000	1.593	-
Total Quantity					1.593 cum (cum)		1.593 Cum (Cubic Meter)	
Amount					1.593 X 240.77592		383.56	
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	Cutoff Wall	2.000	23.600	0.225	0.050	0.000	0.531	-
ii	Rd Base	1.000	23.600	2.000	0.090	0.000	4.248	-
Total Quantity					4.779 cum (cum)		4.779 Cum (Cubic Meter)	
Amount					4.779 X 1493.995232		7139.80	
3. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff Wall	2.000	23.600	0.225	0.280	0.000	2.974	-

ii	Rd Base	1.000	23.600	2.000	0.090	0.000	4.248	-
Total Quantity					7.2216 cum (cum)		7.2216 Cum (Cubic Meter)	
Amount					7.2216 X 6105.90361726		44094.39	
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	Rd Top	1.000	23.600	2.450	0.090	0.000	5.204	-
Total Quantity					5.2038 cum (cum)		5.2038 Cum (Cubic Meter)	
Amount					5.2038 X 7740.18727962		40278.39	
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 Wall	2.000	23.600	0.000	0.180	2.000	16.992	-
ii	Rd Base	1.000	23.600	0.000	0.090	2.000	4.248	-
Total Quantity					21.24 Sqm (Sqm)		21.24 Sqm (Square Meter)	
Amount					21.24 X 216.23489289764		4592.83	
Total Amount							96488.97	
Addition								
Provision for Contingency (+) @							1000.00	
Display Citizen Board (+) @							1750.00	

Any Other Lumpsum (+) @	761.00
Provision for survey investigation and quality control (+) @	
Total Addition	3511.00
Grand Net Total Amount	99999.97

Bhakta Ranjan Mohanty
JE
Simulia Block

SAROJ TIGGA
AEE
Simulia Block

Sunil Kumar Tudu
BDO
Simulia Block