

Detailed Estimate

**OD/346/3302/116141/391599/00072558 : Improvement of road from Mankunda Balai Mohanty house to Nashirbad
Sitala Mandir at village Nasarbad
Block : Bhograi, Gram Panchayat : Analia
Created By: SOMANATH MALIK**

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	ROAD BASE	1.000	370.000	6.330	0.330	0.000	772.893	-
ii	CUTOFF WALL	2.000	370.000	0.830	0.660	0.000	405.372	-
Total Quantity					1178.265 Cft (Cubic Foot)		33.364694352 Cum (Cubic Meter)	
Amount					33.364694352 X 240.77592		8033.41	
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	ROAD BASEg	1.000	370.000	6.330	0.330	0.000	772.893	-
ii	CUTOFF WALL	2.000	370.000	0.830	0.330	0.000	202.686	-
Total Quantity					975.579 Cft (Cubic Foot)		27.6252754272 Cum (Cubic Meter)	
Amount					27.6252754272 X 1242.464832		34323.43	
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 WALL	2.000	370.000	0.830	0.330	0.000	202.686	-
ii	ROAD BASE	1.000	370.000	6.330	0.330	0.000	772.893	-
Total Quantity					975.579 Cft (Cubic Foot)		27.6252754272 Cum (Cubic Meter)	
Amount					27.6252754272 X 7140.4492372		197256.88	

4. R.C.C. Work (AR0401) : R.C.C work

'Reinforced cement concrete (1:2:4) work with 12mm size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (To be used for minor repair work only)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD SURFACE	1.000	370.000	8.000	0.330	0.000	976.800	-
Total Quantity					976.8 Cft (Cubic Foot)		27.65985024 Cum (Cubic Meter)	
Amount					27.65985024 X 8516.6587944		235569.51	

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	4.000	370.000	0.330	0.000	0.000	488.400	-
ii	ROAD SURFACE	2.000	370.000	0.330	0.000	0.000	244.200	-

Total Quantity	732.6 Sft (Square Foot)	68.0607378 Sqm (Square Meter)
Amount	68.0607378 X 216.39264180804	14727.84
Total Amount		489911.07
Addition		
Provision for Contingency (+) @		3088.92
Display Citizen Board (+) @		2000.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		5000.00
Total Addition		10088.92
Grand Net Total Amount		499999.99

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