

Detailed Estimate

**OD/370/3553/121204/426332/00063443 : Construction of CC Road at Bandhaguda of Mukundpur GP-
Block : Kolnara, Gram Panchayat : Mukundapur
Created By:GOURISHYAM NAIK**

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	levelling	1.000	38.000	3.650	0.450	0.000	62.415	-
ii	cutoff	2.000	38.000	0.230	0.230	0.000	4.020	-
iii	Cutt off	2.000	3.150	0.230	0.230	0.000	0.333	-
Total Quantity					66.76867 cum (cum)		66.76867 Cum (Cubic Meter)	
Amount					66.76867 X 240.77592		16076.29	
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 base	1.000	38.000	3.150	0.100	0.000	11.970	-
ii	cutt off	2.000	38.000	0.230	0.100	0.000	1.748	-
iii	cutt off	2.000	3.150	0.230	0.150	0.000	0.217	-
Total Quantity					13.93535 cum (cum)		13.93535 Cum (Cubic Meter)	
Amount					13.93535 X 825.880232		11508.93	
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	cutt off	2.000	38.000	0.230	0.230	0.000	4.020	-
ii	cutt off	2.000	3.150	0.230	0.230	0.000	0.333	-
iii	Road base	1.000	38.000	3.650	0.100	0.000	13.870	-
Total Quantity					18.22367 cum (cum)		18.22367 Cum (Cubic Meter)	
Amount					18.22367 X 5283.35209074		96282.06	

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	38.000	3.650	0.075	0.000	10.403	-
Total Quantity					10.4025 cum (cum)		10.4025 Cum (Cubic Meter)	
Amount					10.4025 X 6779.04570238		70519.02	

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	Road side	2.000	38.000	0.200	0.000	0.000	15.200	-
ii		2.000	3.650	0.200	0.000	0.000	1.460	-
Total Quantity					16.66 Sqm (Sqm)		16.66 Sqm (Square Meter)	

Amount	16.66 X 216.23489289764	3602.47
Total Amount		197988.78
Addition		
Provision for Contingency (+) @		1979.89
Display Citizen Board (+) @		31.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Total Addition		2010.89
Grand Net Total Amount		199999.67

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SAMEER KUMAR RATHA
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BDO
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