

Detailed Estimate

OD/346/3302/116161/391618/00106765 : IMPROVEMENT OF ROAD FROM DEULA -GANESWARPUR RD ROAD

CHANDI MANDIR TO RANA BANDHA

Block : Bhograi, Gram Panchayat : Mandarsahi

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutt of wall	2.000	463.000	0.830	0.660	0.000	507.263	-
ii	Road Base	1.000	463.000	5.330	0.330	0.000	814.371	-
Total Quantity						1321.6335 Cft (Cubic Foot)	37.4244314928 Cum (Cubic Meter)	
Amount						37.4244314928 X 240.77592	9010.90	
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	cutoff wall	2.000	463.000	0.830	0.330	0.000	253.631	-
ii	Road subgrade	1.000	463.000	5.330	0.330	0.000	814.371	-
Total Quantity						1068.0021 Cft (Cubic Foot)	30.24240186528 Cum (Cubic Meter)	
Amount						30.24240186528 X 1242.464832	37575.12	
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	463.000	0.830	0.330	0.000	253.631	-
ii	Base	1.000	463.000	7.000	0.330	0.000	1069.530	-
Total Quantity					1323.1614 Cft (Cubic Foot)		37.46769673152 Cum (Cubic Meter)	
Amount					37.46769673152 X 7163.59303976		268403.33	

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 wearing coat	1.000	463.000	7.000	0.330	0.000	1069.530	-
Total Quantity					1069.53 Cft (Cubic Foot)		30.285667104 Cum (Cubic Meter)	
Amount					30.285667104 X 8549.30267312		258921.33	

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	2.000	463.000	0.000	0.660	0.000	611.160	-
Total Quantity					611.16 Sft (Square Foot)		56.77859748 Sqm (Square Meter)	
Amount					56.77859748 X 216.39264180804		12286.47	

Total Amount (A) : 586197.16

Additional Components

#	Item Name	Remark	Amount (in Rs.)
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1	Provision for Contingency @ Rs.6000	-	6000
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.2802	Site clearance	2802
			Additional Components Amount (F) : 13802

			Grand Total Amount (A + F) : 599999.15963403
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SOMANATH MALIK
JE
Bhograi Block

PRAMOD KUMAR BEHERA
AEE
Bhograi Block

Prasanta Kumar Moharana
BDO
Bhograi Block