

Detailed Estimate

OD/346/3302/275561/391927/00109560 : CONSTRUCTION OF CC ROAD FROM HARI SANKAR DUTTA CC ROAD TO K HITISH BEHERA HOUSE VIA PRADIP BEHERA HOUSE VILL GABGAN

Block : Bhograi, Gram Panchayat : Gabgan

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	cuttof wall	2.000	214.000	0.830	0.660	0.000	234.458	-
ii	Road subgrade	1.000	214.000	6.330	0.330	0.000	447.025	-
Total Quantity						681.483 Cft (Cubic Foot)	19.2974178144 Cum (Cubic Meter)	
Amount						19.2974178144 X 240.77592	4646.35	
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	214.000	0.830	0.300	0.000	106.572	-
ii	Road Subgrade	1.000	214.000	6.330	0.330	0.000	447.025	-
Total Quantity						553.5966 Cft (Cubic Foot)	15.67608420288 Cum (Cubic Meter)	
Amount						15.67608420288 X 1084.662432	17003.26	
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	214.000	0.830	0.330	0.000	117.229	-
ii	Road Base	1.000	214.000	8.000	0.330	0.000	564.960	-
Total Quantity					682.1892 Cft (Cubic Foot)		19.31741513856 Cum (Cubic Meter)	
Amount					19.31741513856 X 6971.88372776		134678.77	

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 specification and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Surface	1.000	214.000	8.000	0.330	0.000	564.960	-
Total Quantity					564.96 Cft (Cubic Foot)		15.997859328 Cum (Cubic Meter)	
Amount					15.997859328 X 8369.57519312		133895.29	

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	214.000	0.000	0.660	0.000	282.480	-
Total Quantity					282.48 Sft (Square Foot)		26.24323944 Sqm (Square Meter)	
Amount					26.24323944 X 216.39264180804		5678.84	

Total Amount (A) : 295902.52

Additional Components

#	Item Name	Remark	Amount (in Rs.)
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1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.1097	-	1097
Additional Components Amount (F) : 4097			
Grand Total Amount (A + F) : 299999.5158972			

SOMANATH MALIK
JE
Bhograi Block

ANIL KUMAR BISWAL
AEE
Bhograi Block

Prasanta Kumar Moharana
BDO
Bhograi Block