

Detailed Estimate

**OD/350/3343/275445/907055/00103015 : MAINTENANCE AND IMPROVEMENT OF ROAD WITH CC/ GR-II METALING
FROM BHRAMARABAR BEHERA HOUSE TO KRUSHNA CHANDRA BEHERA HOUSE, PASCHIMAKACHHA**

Block : Salepur, Gram Panchayat : Paschimakachha

Created By: SANTOSHI SWAIN

1. Earth Work (AR0101a1) : Earthwork in ordinary soil within 50m to 75m lead and 1.5m, initial lift								
Earthwork in ordinary soil within 50m to 75m 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 direction of the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUTOFF WALL	2.000	35.500	0.225	0.150	0.000	2.396	-
Total Quantity							2.39625 cum (cum)	2.39625 Cum (Cubic Meter)
Amount							2.39625 X 163.317	391.35
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	35.500	0.225	0.050	0.000	0.799	-
ii	ROAD	1.000	35.500	2.550	0.100	0.000	9.053	-
Total Quantity							9.85125 cum (cum)	9.85125 Cum (Cubic Meter)
Amount							9.85125 X 835.737832	8233.06
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	CUT OFF WALL	2.000	35.500	0.225	0.200	0.000	3.195	-
ii	ROAD	1.000	35.500	3.000	0.100	0.000	10.650	-

Total Quantity	13.845 cum (cum)	13.845 Cum (Cubic Meter)
Amount	13.845 X 6089.81882186	84313.54

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	1.000	35.500	3.000	0.100	0.000	10.650	-
Total Quantity							10.65 cum (cum)	10.65 Cum (Cubic Meter)
Amount							10.65 X 7552.23902582	80431.35

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	35.500	0.000	0.200	0.000	28.400	-
ii	ROAD	2.000	35.500	0.000	0.200	0.000	14.200	-
Total Quantity							42.6 Sqm (Sqm)	42.6 Sqm (Square Meter)
Amount							42.6 X 216.23489289764	9211.61

Total Amount (A) : 182580.90

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.1865	-	1865
2	Display Citizen Board @ Rs.2086	-	2086

Additional Components Amount (F) : 3951

Grand Total Amount (A + F) : 186531.90432981

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