

Detailed Estimate

**OD/360/3435/119070/396555/00099976 : CONST OF CC ROAD FROM BHARAT SETHY HOUSE TO TIPIN TOTA
PLAYGROUND**

Block : Derabish, Gram Panchayat : Mangalapur

Created By: ABANI KUMAR MOHANTY

1. 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	94.000	0.250	0.050	0.000	2.350	-
ii	Road	1.000	94.000	2.500	0.100	0.000	23.500	-
Total Quantity					25.85 cum (cum)		25.85 Cum (Cubic Meter)	
Amount					25.85 X 745.221632		19263.98	
2. 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	94.000	0.250	0.200	0.000	9.400	-
ii	Road	1.000	94.000	2.500	0.100	0.000	23.500	-
Total Quantity					32.9 cum (cum)		32.9 Cum (Cubic Meter)	
Amount					32.9 X 6026.03377676		198256.51	
3. 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	2.000	94.000	0.270	0.000	0.000	50.760	-
ii		2.000	94.000	0.100	0.000	0.000	18.800	-

Total Quantity	69.56 Sqm (Sqm)	69.56 Sqm (Square Meter)
Amount	69.56 X 216.23489289764	15041.30

4. Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift

Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoffwall	2.000	94.000	0.250	0.200	0.000	9.400	-
Total Quantity					9.4 cum (cum)		9.4 Cum (Cubic Meter)	
Amount					9.4 X 179.18208		1684.31	

5. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	94.000	3.000	0.100	0.000	28.200	-
Total Quantity					28.2 cum (cum)		28.2 Cum (Cubic Meter)	
Amount					28.2 X 7538.45467712		212584.42	

Total Amount (A) : 446830.52

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4560	-	4560
2	Display Citizen Board @ Rs.4609	-	4609

Additional Components Amount (F) : 9169

Grand Total Amount (A + F) : 455999.52303935

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