

## Detailed Estimate

**OD/372/3569/121465/418985/00067028 : MAINTANANCE OF CC ROAD AT DHANBASA**

**Block : Dunguripali, Gram Panchayat : Mayabarha**

**Created By: BHRAMAR**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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	culvert cut-off	2.000	3.050	0.900	0.750	0.000	4.118	-
ii	bed	1.000	3.200	1.500	1.520	0.000	7.296	-
iii	Wall	2.000	1.200	0.450	0.250	0.000	0.270	-
iv		1.000	2.000	0.450	0.250	0.000	0.225	-
v		1.000	1.830	0.450	0.250	0.000	0.206	-
Total Quantity					12.114375 cum (cum)		12.114375 Cum (Cubic Meter)	
Amount					12.114375 X 240.77592		2916.85	
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
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	culvert cut-off	2.000	3.050	0.900	0.150	0.000	0.824	-
ii	bed	1.000	3.200	1.500	0.200	0.000	0.960	-
iii	Road cut off	2.000	1.200	0.450	0.050	0.000	0.054	-
iv		1.000	2.000	0.450	0.050	0.000	0.045	-
v		1.000	1.830	0.450	0.050	0.000	0.041	-

vi		1.000	5.180	3.070	0.100	0.000	1.590	-	
vii		1.000	6.350	3.900	0.750	0.000	18.574	-	
viii	Deduction	1.000	0.785	0.203	5.000	0.000	-	0.795	
Total Quantity					21.2928725 cum (cum)		21.2928725 Cum (Cubic Meter)		
Amount					21.2928725 X 844.060232		17972.47		

### 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	culvert cut-off	2.000	3.050	0.850	0.250	0.000	1.296	-
ii		2.000	3.050	0.750	0.600	0.000	2.745	-
iii		2.000	3.050	0.600	1.000	0.000	3.660	-
iv	bed	1.000	3.050	0.900	0.200	0.000	0.549	-
v	Parapet	2.000	3.050	0.450	0.450	0.000	1.235	-
vi	wall	2.000	1.200	0.450	0.525	0.000	0.567	-
vii		1.000	2.000	0.450	0.650	0.000	0.585	-
viii		1.000	1.830	0.450	0.450	0.000	0.371	-
ix	cut-off	2.000	1.500	0.225	0.150	0.000	0.101	-
x		1.000	4.500	0.225	0.150	0.000	0.152	-
xi	Road	1.000	5.180	3.070	0.100	0.000	1.590	-
xii		1.000	6.350	3.900	0.100	0.000	2.477	-
xiii		1.000	5.000	2.600	0.100	0.000	1.300	-
xiv		1.000	4.250	3.050	0.100	0.000	1.296	-

xv		1.000	12.200	2.700	0.100	0.000	3.294	-
xvi	Deduction	-2.000	0.785	0.203	0.650	0.000	-	-0.207
Total Quantity					21.42486125 cum (cum)		21.42486125 Cum (Cubic Meter)	
Amount					21.42486125 X 5472.65979848		117250.98	

#### 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	5.180	3.970	0.100	0.000	2.056	-
ii		1.000	3.350	3.995	0.100	0.000	1.338	-
iii		1.000	5.000	3.900	0.125	0.000	2.438	-
iv		1.000	5.000	3.900	0.125	0.000	2.438	-
v		1.000	5.000	3.930	0.125	0.000	2.456	-
vi		1.000	5.000	4.205	0.125	0.000	2.628	-
vii		1.000	5.000	4.360	0.125	0.000	2.725	-
viii		1.000	5.000	4.460	0.100	0.000	2.230	-
ix		1.000	4.000	4.765	0.125	0.000	2.383	-
x		1.000	8.300	6.300	0.125	0.000	6.536	-
xi		1.000	4.000	5.405	0.100	0.000	2.162	-
xii		1.000	5.000	4.325	0.125	0.000	2.703	-
xiii		1.000	5.000	3.950	0.125	0.000	2.469	-
xiv		1.000	5.000	3.825	0.125	0.000	2.391	-
xv		1.000	5.750	4.075	0.115	0.000	2.695	-

xvi		1.000	4.250	4.700	0.125	0.000	2.497	-
xvii		1.000	4.400	4.940	0.125	0.000	2.717	-
xviii		1.000	6.400	4.940	0.125	0.000	3.952	-
Total Quantity					48.812878748025 cum (cum)		48.812878748025 Cum (Cubic Meter)	
Amount					48.812878748025 X 6909.90931976		337292.57	

**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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	4.000	3.050	0.000	0.600	0.000	7.320	-
ii		4.000	3.050	0.000	1.000	0.000	12.200	-
iii		4.000	0.750	0.000	0.600	0.000	1.800	-
iv		4.000	0.600	0.000	1.000	0.000	2.400	-
v		4.000	3.050	0.000	0.450	0.000	5.490	-
vi		4.000	0.450	0.000	0.450	0.000	0.810	-
vii		4.000	1.200	0.000	0.525	0.000	2.520	-
viii		2.000	2.000	0.000	0.650	0.000	2.600	-
ix		2.000	1.830	0.000	0.450	0.000	1.647	-
x		2.000	1.500	0.000	0.150	0.000	0.450	-
xi		2.000	15.000	0.000	0.150	0.000	4.500	-
xii		2.000	4.500	0.000	0.150	0.000	1.350	-
xiii		2.000	82.100	0.000	0.125	0.000	20.525	-

Total Quantity	63.612 Sqm (Sqm)	63.612 Sqm (Square Meter)
Amount	63.612 X 216.39264180804	13765.17
<b>Total Amount</b>		<b>489198.03</b>
<b>Addition</b>		
Provision for Contingency (+) @		5000.00
Display Citizen Board (+) @		2808.00
Any Other Lumpsum (+) @		2993.00
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>10801.00</b>
<b>Grand Net Total Amount</b>		<b>499999.03</b>

**BHRAMAR  
JE  
Dunguripali Block**

**AEEDPALI  
AEE  
Dunguripali Block**

**Dillip Kumar Bara  
BDO  
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