

Detailed Estimate

OD/364/3481/119954/430528/00126255 : CONST OF CC DRAIN WITH ROAD AT LAMTAGUDA BOIPARISAH
Block : Khairaput, Gram Panchayat : Khairaput
Created By: SAMIR DAS

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Bed	1.000	138.250	2.890	0.050	0.000	19.977	-
ii	Cut off	2.000	138.250	0.230	0.150	0.000	9.539	-
iii	Drain	1.000	30.000	1.200	0.450	0.000	16.200	-
Total Quantity					45.716375 cum (cum)		45.716375 Cum (Cubic Meter)	
Amount					45.716375 X 245.98752		11245.66	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road bed	1.000	138.250	2.890	0.050	0.000	19.977	-
ii	Cut off	2.000	138.250	0.230	0.050	0.000	3.180	-
iii	Drain	1.000	30.000	1.200	0.050	0.000	1.800	-
Total Quantity					24.956875 cum (cum)		24.956875 Cum (Cubic Meter)	
Amount					24.956875 X 651.792592		16266.71	

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	Road Bed	1.000	138.250	3.350	0.100	0.000	46.314	-
ii	Cut off	2.000	138.250	0.230	0.100	0.000	6.360	-
iii	Drain	1.000	30.000	1.200	0.100	0.000	3.600	-
iv	Wall	2.000	30.000	0.300	0.450	0.000	8.100	-
Total Quantity					64.37325 cum (cum)		64.37325 Cum (Cubic Meter)	
Amount					64.37325 X 5918.5122714		380993.87	

4. 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	138.250	0.000	0.175	0.000	48.388	-
ii	Drain	4.000	30.000	0.000	0.450	0.000	54.000	-
Total Quantity					102.3875 Sqm (Sqm)		102.3875 Sqm (Square Meter)	
Amount					102.3875 X 217.24489289764		22243.16	

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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Bed	1.000	138.250	3.350	0.075	0.000	34.735	-
ii	Drain	1.000	30.000	0.600	0.025	0.000	0.450	-
Total Quantity					35.1853125 cum (cum)		35.1853125 Cum (Cubic Meter)	
Amount					35.1853125 X 7385.9174758		259875.81	

6. Plastering (AR1026) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces (inside)

6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain	2.000	30.000	0.000	0.450	0.000	27.000	-
Total Quantity					27 Sqm (Sqm)		27 Sqm (Square Meter)	
Amount					27 X 160.928628861		4345.07	

Total Amount (A) : 694970.28

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	6949.7028296505
2	Display Citizen Board @ Rs.4113	-	4113
Additional Components Amount (F) :			11062.70282965

Grand Total Amount (A + F) : 706032.9857947

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