

Detailed Estimate

OD/354/3368/117654/410447/00018198 : Construction of CC Road from PWD road to Masani road at Mahulapalli
Block : Buguda, Gram Panchayat : Arakhapur
Created By: Harihara Behera

1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil 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	Cut-off Walls	2.000	43.400	0.250	0.250	0.000	5.425	-
Total Quantity					5.425 cum (cum)		5.425 Cum (Cubic Meter)	
Amount					5.425 X 200.6466		1088.51	
2. 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	Side Berms	2.000	43.400	0.300	0.275	0.000	7.161	-
Total Quantity					7.161 cum (cum)		7.161 Cum (Cubic Meter)	
Amount					7.161 X 240.77592		1724.20	
3. 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	Cut-off Walls	2.000	43.400	0.250	0.050	0.000	1.085	-
ii	Road Sub-base	1.000	43.400	3.150	0.100	0.000	13.671	-
Total Quantity					14.756 cum (cum)		14.756 Cum (Cubic Meter)	
Amount					14.756 X 541.686432		7993.12	
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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut-off Walls	4.000	43.400	1.000	0.200	0.000	34.720	-
ii	Wearing Coat	2.000	43.400	1.000	0.075	0.000	6.510	-
Total Quantity					41.23 Sqm (Sqm)		41.23 Sqm (Square Meter)	
Amount					41.23 X 216.23489289764		8915.36	

5. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation

Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Formation	1.000	43.400	3.650	0.000	0.000	158.410	-
Total Quantity					158.41 Sqm (Sqm)		158.41 Sqm (Square Meter)	
Amount					158.41 X 4.6662		739.17	

6. 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 specifaicaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wearing Coat	1.000	43.400	3.650	0.075	0.000	11.881	-
Total Quantity					11.88075 cum (cum)		11.88075 Cum (Cubic Meter)	
Amount					11.88075 X 7285.7153051		86559.76	

7. Concrete (AR0309a) : Cement Concrete (1:3:6) with 12mm size hard broken granite Hand Broken chips

Cement Concrete (1:3:6) with 12mm size hard granite (Hand Broken) chips 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 as per specifaicaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut-off Walls	2.000	43.400	0.250	0.400	0.000	8.680	-

ii	Road Base	1.000	43.400	3.150	0.100	0.000	13.671	-	
Total Quantity					22.351 cum (cum)		22.351 Cum (Cubic Meter)		
Amount					22.351 X 6176.4040655		138048.81		
Total Amount							245068.94		
Addition									
Provision for Contingency (+) @							2500.00		
Display Citizen Board (+) @							2000.00		
Any Other Lumpsum (+) @							431.06		
Total Addition							4931.06		
Grand Net Total Amount							250000.00		