

Detailed Estimate

OD/346/3309/116313/393793/00063265 : Maint. of road and Bridges from RD road to Chafulia Nala Dahisada
Block : Soro, Gram Panchayat : Dahisade
Created By:Rojalin Jena

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side Wall	2.000	246.000	0.750	0.500	0.000	184.500	-
Total Quantity						184.5 Cft (Cubic Foot)	5.2244496 Cum (Cubic Meter)	
Amount						5.2244496 X 240.77592	1257.92	
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	Side wall	2.000	246.000	0.750	0.160	0.000	59.040	-
ii	Bed	1.000	13.000	13.250	0.330	0.000	56.843	-
iii	Bed	1.000	233.000	7.500	0.330	0.000	576.675	-
Total Quantity						692.5575 Cft (Cubic Foot)	19.611012216 Cum (Cubic Meter)	
Amount						19.611012216 X 1447.535232	28387.63	
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	Side Wall	2.000	246.000	0.750	1.000	0.000	369.000	-

ii	Bed	1.000	13.000	13.250	0.330	0.000	56.843	-
iii	Bed	1.000	233.000	7.500	0.330	0.000	576.675	-
Total Quantity					1002.5175 Cft (Cubic Foot)		28.388087544 Cum (Cubic Meter)	
Amount					28.388087544 X 6095.81008126		173048.39	

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	Side Wall	4.000	246.000	1.000	0.000	0.000	984.000	-
ii	SW	2.000	246.000	0.250	0.000	0.000	123.000	-
Total Quantity					1107 Sft (Square Foot)		102.843621 Sqm (Square Meter)	
Amount					102.843621 X 216.23489289764		22238.38	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	246.000	9.000	1.000	0.000	2214.000	-
Total Quantity					2214 Sft (Square Foot)		205.687242 Sqm (Square Meter)	
Amount					205.687242 X 4.6662		959.78	

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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Bed	1.000	13.000	14.750	0.250	0.000	47.938	-

ii	Bed	1.000	233.000	9.000	0.250	0.000	524.250	-
Total Quantity					572.1875 Cft (Cubic Foot)		16.202519 Cum (Cubic Meter)	
Amount					16.202519 X 7541.75257962		122195.39	

7. Earth Work (AR0114a) : Filling of foundation with escalated earth

Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side Wall	2.000	246.000	0.750	0.500	0.000	184.500	-
Total Quantity					184.5 Cft (Cubic Foot)		5.2244496 Cum (Cubic Meter)	
Amount					5.2244496 X 133.76408892		698.84	

Total Amount (A) : 348786.33

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.413.66	-	413.66
2	Display Citizen Board @ Rs.800	-	800

Additional Components Amount (F) : 1213.66

Grand Total Amount (A + F) : 349999.99340139

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Nirmala Kanta Parida
AEE
Soro Block

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BDO
Soro Block