

Detailed Estimate

OD/346/3308/116307/394131/00110379 : Construction of Guard Wall at Gandibed RD Road to Anguru Behera house
Block : Simulia, Gram Panchayat : Markona
Created By: Bhakta Ranjan Mohanty

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	Guard Wall	1.000	69.000	0.850	0.650	0.000	38.123	-
Total Quantity					38.1225 cum (cum)		38.1225 Cum (Cubic Meter)	
Amount					38.1225 X 240.77592		9178.98	
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	Guard Wall	1.000	69.000	0.650	0.150	0.000	6.728	-
Total Quantity					6.7275 cum (cum)		6.7275 Cum (Cubic Meter)	
Amount					6.7275 X 1493.995232		10050.85	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	Guard Wall Base	1.000	69.000	0.650	0.150	0.000	6.728	-
ii	Wall	1.000	69.000	0.450	1.150	0.000	35.708	-
Total Quantity					42.435 cum (cum)		42.435 Cum (Cubic Meter)	

Amount						42.435 X 6105.90361726	259104.02	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	69.000	0.300	0.080	0.000	1.656	-
Total Quantity						1.656 cum (cum)	1.656 Cum (Cubic Meter)	
Amount						1.656 X 7740.18727962	12817.75	
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	69.000	0.000	1.230	2.000	169.740	-
ii	Wall	1.000	0.450	0.000	1.230	2.000	1.107	-
Total Quantity						170.847 Sqm (Sqm)	170.847 Sqm (Square Meter)	
Amount						170.847 X 216.23489289764	36943.08	
6. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	69.000	0.300	0.900	0.000	18.630	-
ii	Wall Top	1.000	69.000	1.150	0.200	0.000	15.870	-
Total Quantity						34.5 cum (cum)	34.5 Cum (Cubic Meter)	
Amount						34.5 X 133.76408892	4614.86	

Total Amount (A) : 332709.55

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3442	-	3442
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.3002	Charges for Vibrator & Weep Hole	3002

Additional Components Amount (F) : 11444

Grand Total Amount (A + F) : 344153.54688158

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