

Detailed Estimate

OD/359/3430/118983/415424/00013535 : Const. of CC road with Guard wall from Badebali to Tadri

Block : Phulbani, Gram Panchayat : Jamjhari

Created By:ANANDA KUMAR MEHER

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	CC Road Cut OFF	2.000	120.000	0.750	0.750	0.000	135.000	-
ii	Guard Wall	1.000	35.000	3.000	3.000	0.000	315.000	-
Total Quantity					450 Cft (Cubic Foot)		12.74256 Cum (Cubic Meter)	
Amount					12.74256 X 235.56432		3001.69	
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	CC Road Cut OFF	2.000	120.000	0.750	0.170	0.000	30.600	-
ii	Guard Wall	1.000	35.000	3.000	0.500	0.000	52.500	-
iii	Road Bed	1.000	120.000	10.500	0.250	0.000	315.000	-
Total Quantity					398.1 Cft (Cubic Foot)		11.27291808 Cum (Cubic Meter)	
Amount					11.27291808 X 674.101472		7599.09	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	CC Road Cut Off	2.000	120.000	0.750	1.170	0.000	210.600	-
ii	Guard Wall	1.000	35.000	3.000	1.000	0.000	105.000	-
iii	Road Bed	1.000	120.000	10.500	0.330	0.000	415.800	-
iv	Guard Wall	1.000	35.000	2.000	4.250	0.000	297.500	-
Total Quantity					1028.9 Cft (Cubic Foot)		29.13515552 Cum (Cubic Meter)	
Amount					29.13515552 X 5399.7895024		157323.71	

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 specifaicaon and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Bed	1.000	120.000	12.000	0.330	0.000	475.200	-
ii	Guard Wall	1.000	35.000	1.500	0.170	0.000	8.925	-
Total Quantity					484.125 Cft (Cubic Foot)		13.7088708 Cum (Cubic Meter)	
Amount					13.7088708 X 8089.9556508		110904.16	

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	120.000	0.000	0.580	0.000	278.400	-
ii	Guard Wall	2.000	35.000	0.000	4.250	0.000	297.500	-
iii	Road Bed	2.000	120.000	0.000	0.330	0.000	79.200	-
Total Quantity					655.1 Sft (Square Foot)		60.8607553 Sqm (Square Meter)	
Amount					60.8607553 X 215.69813962884		13127.55	

6. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Guard Wall	1.000	35.000	0.000	3.250	0.000	113.750	-
Total Quantity					113.75 Sft (Square Foot)		10.56771625 Sqm (Square Meter)	
Amount					10.56771625 X 190.432112864		2012.43	
Total Amount							293968.63	
Addition								
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Provision for Contingency (+) @							3031.00	
Total Addition							6031.00	
Grand Net Total Amount							299999.63	