

Detailed Estimate

OD/365/3498/275434/388821/00069113 : DEVELOPMENT AND REPAIRING OF CC ROAD AT SATAKIARI

Block : Karanjia, Gram Panchayat : Sarangagada

Created By: Mitalin Dhal

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	Cut off	2.000	250.000	0.750	0.500	0.000	187.500	-
ii	Wall	2.000	22.000	1.500	1.500	0.000	99.000	-
Total Quantity					286.5 Cft (Cubic Foot)		8.1127632 Cum (Cubic Meter)	
Amount					8.1127632 X 240.77592		1953.36	
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	cut off	2.000	250.000	0.750	0.330	0.000	123.750	-
ii	Wall	2.000	22.000	1.500	0.330	0.000	21.780	-
Total Quantity					145.53 Cft (Cubic Foot)		4.120943904 Cum (Cubic Meter)	
Amount					4.120943904 X 880.814132		3629.79	
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	cutoff	2.000	250.000	0.750	0.500	0.000	187.500	-
ii	Road	1.000	110.000	12.000	0.330	0.000	435.600	-
iii	wall	2.000	22.000	1.500	1.000	0.000	66.000	-
Total Quantity					689.1 Cft (Cubic Foot)		19.51310688 Cum (Cubic Meter)	
Amount					19.51310688 X 5828.3427438		113729.07	

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	Road	1.000	270.000	12.000	0.250	0.000	810.000	-
Total Quantity					810 Cft (Cubic Foot)		22.936608 Cum (Cubic Meter)	
Amount					22.936608 X 7390.9595776		169523.54	

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	Road	2.000	270.000	0.000	0.250	0.000	135.000	-
Total Quantity					135 Sft (Square Foot)		12.541905 Sqm (Square Meter)	
Amount					12.541905 X 216.23489289764		2712.00	
Total Amount							291547.76	

Addition	
Provision for Contingency (+) @	2915.48
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	2536.00
Provision for survey investigation and quality control (+) @	
Total Addition	8451.48
Grand Net Total Amount	299999.24

Mitalin Dhal
JE
Karanjia Block

LOKANATH NAIK
AEE
Karanjia Block

PRADYUMNA KUMAR NAYAK
BDO
Karanjia Block