

Detailed Estimate

OD/365/3498/120228/388915/00067101 : Construction of CC Road at Rasamtala

Block : Karanjia, Gram Panchayat : Rasamtola

Created By:jamnejoy

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 CUTOFF	2.000	47.700	0.225	0.250	0.000	5.366	-
ii	START AND END CUTOFF	2.000	3.150	0.225	0.250	0.000	0.354	-
Total Quantity					5.720625 cum (cum)		5.720625 Cum (Cubic Meter)	
Amount					5.720625 X 240.77592		1377.39	
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 CUTOFF	2.000	47.700	0.225	0.050	0.000	1.073	-
ii	START AND END CUTOFF	4.000	3.150	0.225	0.050	0.000	0.142	-
iii	ROAD BASE	1.000	47.250	3.150	0.108	0.000	16.074	-
Total Quantity					17.28945 cum (cum)		17.28945 Cum (Cubic Meter)	
Amount					17.28945 X 1012.316132		17502.39	
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	SIDE CUTOFF	2.000	47.700	0.225	0.300	0.000	6.440	-
ii	START END CUTOFF	2.000	3.150	0.225	0.300	0.000	0.425	-
iii	ROAD SURFACE	1.000	47.700	3.600	0.100	0.000	17.172	-
Total Quantity					24.03675 cum (cum)		24.03675 Cum (Cubic Meter)	
Amount					24.03675 X 5725.5141388		137622.75	

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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC ROAD	1.000	47.700	3.600	0.100	0.000	17.172	-
Total Quantity					17.172 cum (cum)		17.172 Cum (Cubic Meter)	
Amount					17.172 X 7470.5226306		128283.81	

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	START END CUTOFF	2.000	47.250	0.100	0.000	0.000	9.450	-

ii	INSIDE START END CUTOFF	2.000	3.150	0.100	0.000	0.000	0.630	-
iii	OUTSIDE CUTOFF	2.000	47.700	0.300	0.000	0.000	28.620	-
iv	OUTSIDE START END CUTOFF	2.000	3.600	0.300	0.000	0.000	2.160	-
Total Quantity					40.86 Sqm (Sqm)		40.86 Sqm (Square Meter)	
Amount					40.86 X 216.23489289764		8835.36	
Total Amount							293621.70	
Addition								
Provision for Contingency (+) @							2936.22	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							442.08	
Provision for survey investigation and quality control (+) @								
Total Addition							6378.30	
Grand Net Total Amount							300000.00	

jamnejoy
JE
Karanjia Block

LOKANATH NAIK
AEE
Karanjia Block

PRADYUMNA KUMAR NAYAK
BDO
Karanjia Block