

Measurements

OD/365/3500/120254/389247/00077412 : Construction of CC road from Sitala Mandap road to Kamta RD Road
Block : Kuliana, Gram Panchayat : Kuliana
Created By:SRIMANTA SETHI

Measurement Book No : 13/25-26				Measurement Date : 2026-03-17				Pages : 111 to 116			
Item 1 : Earth Work						Spec. Code : AR0102aa					
Spec Decription : 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											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Cutoff wall	2	98	0.25	0.2		9.8			✓	
Total Quantity							9.8 cum (9.8 Cum)				
Amount							9.8 X 240.77592 = Rs. 2359.60				
Item 2 : Earth Work						Spec. Code : AR0115					
Spec Decription : 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.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Cutoff wall	2	98	0.25	0.1		4.9			✓	
ii	Road bed	1	30	3.175	0.075		7.14375			✓	
iii	road bed	1	30	3.2	0.075		7.2			✓	
iv	road bed	1	30	3.25	0.075		7.3125			✓	
v	road bed	1	8	3.224999999	0.075		1.9349999994			✓	
Total Quantity							28.4912499994 cum (28.4912499994 Cum)				
Amount							28.4912499994 X 1089.884132 = Rs. 31052.16				

Item 3 : Concrete							Spec. Code : AR0303				
Spec Description : 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 as per specificaion and direction of Engineer-in charge.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Cut off wall	2	98	0.25	0.175		8.575			✓	
ii	Road bed	1	30	3.675	0.1		11.025			✓	
iii	road bed	1	30	3.7	0.1		11.1			✓	
iv	road bed	1	30	3.75	0.075		8.4375			✓	
v	Road bed	1	8	3.724999999	0.075		2.2349999994			✓	
Total Quantity							41.3724999994 cum (41.3724999994 Cum)				
Amount							41.3724999994 X 6283.5092428 = Rs. 259964.49				
Item 4 : Concrete											
Spec. Code : AR0307											
Spec Description : 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.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Road wearing coat	1	30	3.675	0.075		8.26875			✓	
ii	road wearing coat	1	30	3.7	0.075		8.325			✓	
iii	wearing concrete	1	30	3.75	0.0508		5.715			✓	
iv	wearing concrete	1	8	3.724999999	0.05		1.4899999996			✓	

Total Quantity							23.7987499996 cum (23.7987499996 Cum)				
Amount							23.7987499996 X 7804.6710306 = Rs. 185741.41				
Item 5 : R.C.C. Work							Spec. Code : AR0410c				
Spec Description : 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											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Cutoff wall	4	98		0.075		29.4			✓	
ii	Road side	2	98		0.137		26.852			✓	
Total Quantity							56.252 Sqm (56.252 Sqm)				
Amount							56.252 X 216.23489289764 = Rs. 12163.65				
Total Amount							Rs. 491281.31131681				

Addition Component

i) Display Citizen Board	Rs. 3000
ii) Any Other Lumpsum	Rs. 718
iii) Contingency	Rs. 5000
Total Addition	Rs. 8718

Deduction Component

i) Contingency	Rs. 5000
ii) Royalty	Rs. 10015
iii) Additional Royalty	Rs. 50298
iv) EMF	Rs. 501
v) DMF	Rs. 1001

vi) Empty Gunny Bag	Rs. 1357
vii) Labour Cess	Rs. 5000
Total Deduction	Rs. 73172

Grand Total Amount : Rs. 426827.31131681