

Measurements

OD/365/3500/120253/389420/00077439 : Const. of CC road from Duvia Tubewell Chhaka to Sankirtan Mandap
Block : Kuliana, Gram Panchayat : Kuchej
Created By:SRIMANTA SETHI

Measurement Book No : 13/25-26					Measurement Date : 2026-04-08					Pages : 176 to 181	
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 both side	2	43.3	0.25	0.25		5.4125			✓	
ii	road bed of undulated portion	1	18	3.65	0.6		39.42			✓	
Total Quantity							44.8325 cum (44.8325 Cum)				
Amount							44.8325 X 240.77592 = Rs. 10794.59				
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	43	0.25	0.075		1.6125			✓	
ii	road bed	1	15	3.21	0.075		3.61125			✓	
iii	road bed	1	15	3.125	0.075		3.515625			✓	
iv	road bed	1	13.3	3.179999999	0.075		3.1720499990025			✓	
Total Quantity							11.911424999002 cum (11.911424999002 Cum)				
Amount							11.911424999002 X 1089.884132 = Rs. 12982.07				

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 specifaion and direction of Engineer-in charge.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	cutoff wall	2	43.3	0.25	0.25		5.4125			✓	
ii	road bed	1	15	3.71	0.1		5.565			✓	
iii	road bed	1	15	3.625	0.1		5.4375			✓	
iv	road bed	1	13.3	3.679999999	0.1		4.89439999867			✓	
Total Quantity							21.30939999867 cum (21.30939999867 Cum)				
Amount							21.30939999867 X 6283.5092428 = Rs. 133897.81				
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 specifaion and direction of Engineer-in charge.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	wearing concrete	1	15	3.71	0.075		4.17375			✓	
ii	wearing concrete	1	15	3.625	0.075		4.078125			✓	
iii	wearing concrete	1	13.3	3.679999999	0.081		3.9644639989227			✓	
Total Quantity							12.216338998923 cum (12.216338998923 Cum)				
Amount							12.216338998923 X 7804.6710306 = Rs. 95344.51				
Item 5 : R.C.C. Work											
Spec. Code : AR0409											

Spec Description :

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

Pre Measurement Date :

08-03-2026

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	skin reinforcement	143	3.62			0.395	204.4757			✓	
ii	skin reinforcement	12	43.2			0.395	204.768			✓	

Total Quantity

409.2437 Kg (4.092437 Qntl)

Amount

4.092437 X 8416.2696929 = Rs. 34443.05

Item 6 : 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	cut off wall	4	43.3		0.075		12.99			✓	
ii	road side	2	43.3		0.175		15.155			✓	

Total Quantity

28.145 Sqm (28.145 Sqm)

Amount

28.145 X 216.23489289764 = Rs. 6085.93

Total Amount

Rs. 293547.96301818

Addition Component

i) Display Citizen Board	Rs. 3000
ii) Any Other Lumpsum	Rs. 451
iii) Contingency	Rs. 3000

Total Addition	Rs. 6451
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Deduction Component

i) Contingency	Rs. 3000
ii) Royalty	Rs. 5056
iii) Additional Royalty	Rs. 24640
iv) EMF	Rs. 253
v) DMF	Rs. 506
vi) Empty Gunny Bag	Rs. 698
vii) Labour Cess	Rs. 3000
Total Deduction	Rs. 37153

Grand Total Amount : Rs. 262845.96301818