

Measurements

OD/367/3530/275505/406814/00017216 : Construction of CC Road from Subash Swain house to Main Road at Giridharapur
Block : Ranapur, Gram Panchayat : Gadabanikilo
Created By:ARATI PRABHA MEKAP

Measurement Book No : 1230				Measurement Date : 2025-06-09				Pages : 143 to 146			
Item 1 : Earth Work						Spec. Code : AR0115					
Spec Description : 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	36	0.2	0.1		1.4400000572205			✓	
ii	Road	1	36	3.2	0.1		11.520000457764			✓	
Total Quantity							12.96 cum (12.96 Cum)				
Amount							12.96 X 833.384532 = Rs. 10800.66				
Item 2 : Earth Work						Spec. Code : AR0102aa					
Spec Description : 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	36	0.2	0.2		2.8800001144409			✓	
ii	Road	1	36	3.2	0.1		11.520000457764			✓	
Total Quantity							14.4 cum (14.4 Cum)				
Amount							14.4 X 240.77592 = Rs. 3467.17				
Item 3 : R.C.C. Work						Spec. Code : AR0410c					

Spec Decription :

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	Shuttering	2	36		0.175		12.60000038147			✓	
Total Quantity							12.6 Sqm (12.6 Sqm)				
Amount							12.6 X 216.55039071844 = Rs. 2728.53				

Item 4 : Concrete**Spec. Code : AR0307****Spec Decription :**

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.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Road	1	36	3.6	0.075		9.7200002670288			✓	
ii	Construction joint	12	3.6	0.006	0.075		0.019440000876784		0.019440000876784	✓	
Total Quantity							9.70056 cum (9.70056 Cum)				
Amount							9.70056 X 7435.5245651 = Rs. 72128.75				

Item 5 : Concrete**Spec. Code : AR0309****Spec Decription :**

Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips 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 specifaicaon and direction of Engineer-in charge.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Cutoff wall	2	36	0.2	0.1		1.4400000572205			✓	
ii	Road	1	36	3.6	0.1		12.960000038147			✓	
Total Quantity							14.4 cum (14.4 Cum)				
Amount							14.4 X 6621.3110855 = Rs. 95346.88				

Total Amount	Rs. 184472.0035122

Addition Component

i) Display Citizen Board	Rs. 1000
ii) Any Other Lumpsum	Rs. 1059.5
Total Addition	Rs. 2059.5

Deduction Component

i) Royalty	Rs. 3652.94934
ii) Additional Royalty	Rs. 7392.91698
iii) EMF	Rs. 182.647467
iv) DMF	Rs. 365.294934
v) Empty Gunny Bag	Rs. 493.125
vi) Labour Cess	Rs. 1865.315035122
Total Deduction	Rs. 13952.248756122

Grand Total Amount : Rs. 172579.25475608