

Measurements

OD/347/3312/116384/380613/00077431 : Construction of CC Road from Maa Beuti Parlor to New Market
Block : Bargarh, Gram Panchayat : Khaliapali
Created By:SAROJ KUMAR MOHANTY

Measurement Book No : 1796				Measurement Date : 2026-05-18				Pages : 8 to 10			
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	2	44.7	0.23	0.23	35.287	166.88139762			✓	
Total Quantity							166.88139762 Cft (4.725547160126 Cum)				
Amount							4.725547160126 X 240.77592 = Rs. 1137.80				
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	CC road	1	44.7	3.6	0.1	35.287	567.838404			✓	
Total Quantity							567.838404 Cft (16.079366518387 Cum)				
Amount							16.079366518387 X 630.000832 = Rs. 10130.01				
Item 3 : Concrete						Spec. Code : AR0303					
Spec Decription : 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	CC road	1	44.7	3.6	0.1	35.287	567.838404			✓	
ii	Cutoff	2	44.7	0.23	0.18	35.287	130.60283292			✓	
Total Quantity							698.44123692 Cft (19.777620817616 Cum)				
Amount							19.777620817616 X 5481.28989296 = Rs. 108406.87				

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	CC road	1	44	3.6	0.075	35.287	419.20956			✓	
ii	Raod	1	30	3.6	0.075	35.287	285.8247			✓	
iii	Raod	1	6	3.6	0.075	35.287	57.16494			✓	
iv	road	1	5	3.6	0.075	35.287	47.63745			✓	
Total Quantity							809.83665 Cft (22.93198245072 Cum)				
Amount							22.93198245072 X 7093.15672652 = Rs. 162660.15				

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	Out side	2	44		0.3	10.75	283.8			✓	
ii	In side	2	36		0.1	10.755	77.436			✓	
Total Quantity							361.236 Sft (33.559908108 Sqm)				

Amount	33.559908108 X 216.39264180804 = Rs. 7262.12
Total Amount	Rs. 289596.94809108

Addition Component

i) Display Citizen Board	Rs. 5000
ii) Any Other Lumpsum	Rs. 2506
iii) Contingency	Rs. 2896
Total Addition	Rs. 10402

Deduction Component

i) Contingency	Rs. 2896
ii) Royalty	Rs. 6408
iii) Additional Royalty	Rs. 8449
iv) EMF	Rs. 320
v) DMF	Rs. 641
vi) Empty Gunny Bag	Rs. 947
vii) Labour Cess	Rs. 2896
Total Deduction	Rs. 22557

Grand Total Amount : Rs. 277441.94809108