

Measurements

OD/370/3557/121252/426586/00077314 : Construction of CC road and Drain at G Kantua
Block : Rayagada, Gram Panchayat : Bariagihalwa
Created By: DEEPTI RANJAN BEHERA

Measurement Book No : 62/25-26				Measurement Date : 2026-04-21				Pages : 110 to 115			
Item 1 : 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	Cut off wall	2	24.6	0.3	0.2		2.952			✓	
ii		2	2.6	0.3	0.2		0.312			✓	
iii	Surface dressing	1	24.6	2.75	0.05		3.3825				
iv		1	2.6	6.2	0.05		0.806				
v	Drain	1	30	1.5	0.45		20.25				
vi		1	18	1.5	0.45		12.15				
vii		1	6.8	2	0.6		8.16				
Total Quantity							48.0125 cum (48.0125 Cum)				
Amount							48.0125 X 240.77592 = Rs. 11560.25				
Item 2 : 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	Cut off wall	2	24.6	0.3	0.05		0.738				
ii		2	2.6	0.3	0.05		0.078				

iii	Road Surface	1	24.6	2.75	0.05		3.3825			✓	
iv		1	2.6	6.2	0.05		0.806				
v	Drain	1	30	1.5	0.1		4.5				
vi		1	18	1.5	0.1		2.7				
vii		1	6.8	2	0.1		1.36				
Total Quantity							13.5645 cum (13.5645 Cum)				
Amount							13.5645 X 615.497232 = Rs. 8348.91				
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	24.6	0.3	0.15		2.214			✓	
ii		2	6.2	0.3	0.15		0.558			✓	
iii	Road Surface	1	24.6	3.35	0.1		8.241				
iv		1	2.6	6.8	0.1		1.768				
v	Drain bed	1	30	1.5	0.15		6.75				
vi		1	18	1.5	0.15		4.05				
vii		1	6.8	2	0.15		2.04				
viii	Drain wall	2	30	0.3	0.6		10.8			✓	
ix		2	18	0.3	0.6		6.48			✓	
x		2	6.8	0.6	0.6		4.896			✓	
Total Quantity							47.797 cum (47.797 Cum)				

Amount							47.797 X 5285.97538192 = Rs. 252653.77				
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	24.6	3.35	0.075		6.18075				
ii		1	2.6	6.8	0.075		1.326			✓	
iii		1	1.6	6.8	0.15		1.632			✓	
iv	Drain Bed	1	30	0.9	0.05		1.35				
v		1	18	0.9	0.05		0.81				
vi		1	6.8	0.6	0.05		0.204				
vii	Drain Wall	2	30	0.3	0.05		0.9			✓	
viii		2	18	0.3	0.05		0.54			✓	
ix		2	6.8	0.6	0.05		0.408			✓	
Total Quantity							13.35075 cum (13.35075 Cum)				
Amount							13.35075 X 6861.51065304 = Rs. 91606.31				
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	Road Side face	2	24.7		0.175		8.645			✓	

ii		2	2.6		0.075		0.39			✓	
iii		2	1.6		0.15		0.48				
iv	Drain wall	2	30		0.6	2	72				
v		2	18		0.6	2	43.2				
Total Quantity							124.715 Sqm (124.715 Sqm)				
Amount							124.715 X 216.23489289764 = Rs. 26967.73				
Total Amount											
							Rs. 391136.9794109				

Addition Component

i) Display Citizen Board	Rs. 4951
ii) Contingency	Rs. 3911
Total Addition	Rs. 8862

Deduction Component

i) Contingency	Rs. 4000
ii) Royalty	Rs. 9015
iii) Additional Royalty	Rs. 4643
iv) EMF	Rs. 451
v) DMF	Rs. 902
vi) Empty Gunny Bag	Rs. 1207
vii) Labour Cess	Rs. 4000
Total Deduction	Rs. 24218

Grand Total Amount : Rs. 375780.9794109