

## Measurements

OD/352/3353/117356/402460/00077351 : Construction of CC Road with drain at Dolamandap two side  
Block : Kamakhyanagar, Gram Panchayat : Kantapal  
Created By:SUSAMA BEHERA

Measurement Book No : 810					Measurement Date : 2026-04-18			Pages : 68 to 73			
Item 1 : Earth Work					Spec. Code : AR0102aa						
<b>Spec Decription :</b> 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	drain	1	52.3	1	0.6		31.38			✓	
ii		1	41.5	1	0.6		24.9			✓	
iii		1	15.5	0.85	0.6		7.905			✓	
iv	road	1	17	0.975	0.25		4.14375			✓	
v		1	30	2	0.25		15			✓	
vi		1	29	1.8	0.25		13.05			✓	
vii		1	30	0.75	0.25		5.625			✓	
viii		1	8	0.9	0.25		1.8			✓	
<b>Total Quantity</b>							<b>103.80375 cum (103.80375 Cum)</b>				
<b>Amount</b>							<b>103.80375 X 240.77592 = Rs. 24993.44</b>				
Item 2 : Earth Work					Spec. Code : AR0115						
<b>Spec Decription :</b> 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	drain	1	52.3	1	0.06		3.138				
ii		1	41.5	1	0.06		2.49			✓	
iii		1	15.5	0.85	0.06		0.7905			✓	
iv	road	1	17	0.975	0.075		1.243125			✓	
v		1	30	2	0.075		4.5			✓	
vi		1	29	1.8	0.075		3.915			✓	
vii		1	30	0.75	0.075		1.6875			✓	
viii		1	8	0.9	0.075		0.54			✓	

**Total Quantity**

**18.304125 cum (18.304125 Cum)**

**Amount**

**18.304125 X 605.619432 = Rs. 11085.33**

**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 specification and direction of Engineer-in charge.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	drain	1	52.3	1	0.1		5.23				
ii		1	41.5	1	0.1		4.15			✓	
iii		1	15.5	0.85	0.1		1.3175			✓	
iv	road	1	17	0.975	0.08		1.326			✓	
v		1	30	2	0.08		4.8			✓	
vi		1	29	1.8	0.08		4.176			✓	
vii		1	30	0.75	0.075		1.6875			✓	

viii		1	8	0.9	0.075		0.54			✓	
<b>Total Quantity</b>							<b>23.227 cum (23.227 Cum)</b>				
<b>Amount</b>							<b>23.227 X 6109.04401834 = Rs. 141894.77</b>				
<b>Item 4 : R.C.C. Work</b>							<b>Spec. Code : AR0409</b>				
<b>Spec Description :</b> 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.											
<b>Pre Measurement Date :</b> 13-04-2026											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	drain	316	1.7			0.62	333.064			✓	
ii	distri	6	52.3			0.395	123.951			✓	
iii		6	41.5			0.395	98.355			✓	
iv		4	15.5			0.395	24.49			✓	
v		60	1.1			0.62	40.92			✓	
<b>Total Quantity</b>							<b>620.78 Kg (6.2078 Qntl)</b>				
<b>Amount</b>							<b>6.2078 X 8384.1897699 = Rs. 52047.37</b>				
<b>Item 5 : Concrete</b>							<b>Spec. Code : AR0307</b>				
<b>Spec Description :</b> 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	1	17	0.975	0.075		1.243125			✓	
ii		1	30	2	0.075		4.5			✓	

iii		1	29	1.8	0.075		3.915			✓	
iv		1	30	0.75	0.075		1.6875			✓	
v		1	8	0.9	0.075		0.54			✓	
<b>Total Quantity</b>							<b>11.885625 cum (11.885625 Cum)</b>				
<b>Amount</b>							<b>11.885625 X 7531.47643158 = Rs. 89516.30</b>				
<b>Item 6 : R.C.C. Work</b>							<b>Spec. Code : AR0404Aa</b>				
<b>Spec Description :</b> Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	drainbedd	1	52.3	1	0.075		3.9225			✓	
ii		1	41.5	1	0.075		3.1125			✓	
iii		1	15.5	0.85	0.075		0.988125			✓	
iv	wall	2	52.3	0.15	0.6		9.414			✓	
v		2	41.5	0.15	0.6		7.47			✓	
vi		1	15.5	0.15	0.6		1.395			✓	
<b>Total Quantity</b>							<b>26.302125 cum (26.302125 Cum)</b>				
<b>Amount</b>							<b>26.302125 X 6561.0718300139 = Rs. 172570.13</b>				
<b>Total Amount</b>							<b>Rs. 492107.35182813</b>				

### Addition Component

i) Display Citizen Board	Rs. 2892
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ii) Contingency	Rs. 5000
<b>Total Addition</b>	<b>Rs. 7892</b>

**Deduction Component**

i) Contingency	Rs. 5000
ii) Royalty	Rs. 8999
iii) Additional Royalty	Rs. 18814
iv) EMF	Rs. 450
v) DMF	Rs. 900
vi) Empty Gunny Bag	Rs. 1448
vii) Labour Cess	Rs. 5000
<b>Total Deduction</b>	<b>Rs. 40611</b>

**Grand Total Amount : Rs. 459388.35182813**