

## Measurements

**OD/365/3500/120253/389365/00077429 : Const. of CC road from PMGSY road to Dasha Sahi**  
**Block : Kuliana, Gram Panchayat : Kuchej**  
**Created By:SRIMANTA SETHI**

<b>Measurement Book No : 13/25-26</b>				<b>Measurement Date : 2026-04-04</b>				<b>Pages : 170 to 174</b>			
<b>Item 1 : Earth Work</b>						<b>Spec. Code : AR0102aa</b>					
<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	Cut off wall	2	220	0.83	0.67	0.0283	6.9245572			✓	
<b>Total Quantity</b>							<b>6.9245572 cum (6.9245572 Cum)</b>				
<b>Amount</b>							<b>6.9245572 X 240.77592 = Rs. 1667.27</b>				
<b>Item 2 : Earth Work</b>						<b>Spec. Code : AR0115</b>					
<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	Cut off wall	2	220	0.83	0.25	0.0283	2.58379			✓	
ii	Road bed	1	50	10.05333333	0.244	0.0283	3.4710138655158			✓	
iii	Road bed	1	100	9.585	0.25	0.0283	6.7813875			✓	
iv	road bed	1	36	8.67	0.25	0.0283	2.208249			✓	
v	road bed	1	34	17.11	0.16	0.0283	2.63411872			✓	
<b>Total Quantity</b>							<b>17.678559085516 cum (17.678559085516 Cum)</b>				
<b>Amount</b>							<b>17.678559085516 X 1089.884132 = Rs. 19267.58</b>				

<b>Item 3 : Concrete</b>							<b>Spec. Code : AR0303</b>				
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**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	Cutoff wall	2	220	0.83	0.5	0.0283	5.16758			✓	
ii	road bed	1	50	11.77333333	0.33	0.0283	5.4975579984435			✓	
iii	Road bed concrete	1	100	10.94	0.258	0.0283	7.9877316			✓	
iv	road bed	1	36	10.33	0.25	0.0283	2.631051			✓	
v	road bed	1	34	18.77666666	0.2495	0.0283	4.5076937107329			✓	

**Total Quantity**

**25.791614309176 cum (25.791614309176 Cum)**

**Amount**

**25.791614309176 X 6283.5092428 = Rs. 162061.85**

<b>Item 4 : Concrete</b>							<b>Spec. Code : AR0307</b>				
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**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	Road wearing concrete	1	50	11.77333333	0.208	0.0283	3.4651274656856			✓	
ii	wearing coat	1	100	10.94	0.16	0.0283	4.953632			✓	
iii	wearing coat	1	36	10.33	0.16	0.0283	1.68387264			✓	
iv	wearing coat	1	34	18.77666666	0.162	0.0283	2.9268392029608			✓	

<b>Total Quantity</b>							13.029471308646 cum (13.029471308646 Cum)				
<b>Amount</b>							13.029471308646 X 7804.6710306 = Rs. 101690.74				
<b>Item 5 : R.C.C. Work</b>							<b>Spec. Code : AR0410c</b>				
<b>Spec Description :</b> 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	Cutoff wall	4	220		0.25	0.092	20.24			✓	
ii	Road side	2	220		0.5	0.092	20.24			✓	
<b>Total Quantity</b>							40.48 Sqm (40.48 Sqm)				
<b>Amount</b>							40.48 X 216.23489289764 = Rs. 8753.19				
<b>Total Amount</b>							Rs. 293440.62028391				

### Addition Component

i) Display Citizen Board	Rs. 3000
ii) Any Other Lumpsum	Rs. 558
iii) Contingency	Rs. 3000
<b>Total Addition</b>	<b>Rs. 6558</b>

### Deduction Component

i) Contingency	Rs. 3000
ii) Royalty	Rs. 6001
iii) Additional Royalty	Rs. 30322
iv) EMF	Rs. 300
v) DMF	Rs. 600

vi) Empty Gunny Bag	Rs. 805
vii) Labour Cess	Rs. 3000
<b>Total Deduction</b>	<b>Rs. 44028</b>

**Grand Total Amount : Rs. 255970.62028391**