

## Measurements

OD/346/3309/116319/393715/00126387 : Repair and restoration of road from RD road to sahu sahi  
Block : Soro, Gram Panchayat : Mahumuhan  
Created By:Chandra Sekhar Mohapatra

<b>Measurement Book No : 605</b>				<b>Measurement Date : 2026-06-11</b>				<b>Pages : 154 to 158</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	c/o	2	18.9	0.75	0.5		14.175			✓	
<b>Total Quantity</b>							<b>14.175 Cft (0.40139064 Cum)</b>				
<b>Amount</b>							<b>0.40139064 X 245.98752 = Rs. 98.74</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	C/O	2	18.9	0.75	0.33		9.3555			✓	
ii	Road bed	1	18.9	8.5	0.33		53.0145			✓	
<b>Total Quantity</b>							<b>62.37 Cft (1.766118816 Cum)</b>				
<b>Amount</b>							<b>1.766118816 X 1448.783592 = Rs. 2558.72</b>				
<b>Item 3 : Concrete</b>						<b>Spec. Code : AR0303</b>					
<b>Spec Decription :</b> 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 specifaicon and direction of Engineer-in charge.											

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	C/O	2	18.9	0.75	0.5		14.175			✓	
ii	Road fdn	1	18.9	10	0.33		62.37			✓	
<b>Total Quantity</b>							<b>76.545 Cft (2.167509456 Cum)</b>				
<b>Amount</b>							<b>2.167509456 X 5947.65520126 = Rs. 12891.60</b>				
<b>Item 4 : 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	wearing coat	1	18.9	10	0.25		47.25			✓	
<b>Total Quantity</b>							<b>47.25 Cft (1.3379688 Cum)</b>				
<b>Amount</b>							<b>1.3379688 X 7417.55287962 = Rs. 9924.45</b>				
<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	C/o	2	18.9	2	0.33		24.948			✓	
ii	Road	1	18.9	2	0.58		21.924			✓	
<b>Total Quantity</b>							<b>46.872 Sft (4.354549416 Sqm)</b>				
<b>Amount</b>							<b>4.354549416 X 217.24489289764 = Rs. 946.00</b>				
<b>Total Amount</b>							<b>Rs. 26419.517886765</b>				

### Addition Component

i) Display Citizen Board	Rs. 309
ii) Contingency	Rs. 270
<b>Total Addition</b>	<b>Rs. 579</b>

### Deduction Component

i) Contingency	Rs. 270
ii) Royalty	Rs. 546
iii) Additional Royalty	Rs. 2694
iv) EMF	Rs. 27
v) DMF	Rs. 55
vi) Empty Gunny Bag	Rs. 75
vii) Labour Cess	Rs. 270
<b>Total Deduction</b>	<b>Rs. 3937</b>

**Grand Total Amount : Rs. 23061.517886765**