

Measurements

OD/367/3527/120665/406325/00013755 : CONST OF CCROAD FROM RAJA HUDA TO SMASAN OF ITAMATI
Block : Nayagarh, Gram Panchayat : Itamati
Created By: BASANTA KUMAR SAHOO

Measurement Book No : 210				Measurement Date : 2025-11-18				Pages : 56 to 58			
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	Road	1	25.5	5.2	0.05	1	6.63			?	
Total Quantity							6.63 cum (6.63 Cum)				
Amount							6.63 X 235.56432 = Rs. 1561.79				
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	Road	1	25.5	5.2	0.1	1	13.26			?	
Total Quantity							13.26 cum (13.26 Cum)				
Amount							13.26 X 779.535372 = Rs. 10336.64				
Item 3 : Concrete						Spec. Code : AR0303a					
Spec Description : Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	Road	1	25.5	5.2	0.1	1	13.26			?	
Total Quantity							13.26 cum (13.26 Cum)				
Amount							13.26 X 5130.2318043 = Rs. 68026.87				
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	Road	1	25.5	5.2	0.1	1	13.26			?	
ii	Exp joint	4	5.2	0.03	0.1		0.0624		0.0624	?	
Total Quantity							13.1976 cum (13.1976 Cum)				
Amount							13.1976 X 6905.5061581 = Rs. 91136.11				
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	Side	1	25.5		0.275	1	7.0125			?	
Total Quantity							7.0125 Sqm (7.0125 Sqm)				
Amount							7.0125 X 215.22489289764 = Rs. 1509.26				
Total Amount							Rs. 172570.67683292				

Addition Component

i) Display Citizen Board	Rs. 139.33
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Total Addition	Rs. 139.33
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Deduction Component

i) Royalty	Rs. 4093.6974
ii) Additional Royalty	Rs. 8004.7578
iii) EMF	Rs. 204.68487
iv) DMF	Rs. 409.36974
v) Empty Gunny Bag	Rs. 579.915
vi) Labour Cess	Rs. 1727.1000683292
Total Deduction	Rs. 15019.524878329

Grand Total Amount : Rs. 157690.48195459