

Measurements

OD/367/3527/120668/406664/00017151 : Maintenance of Kendudhipi U.G.M.E School
Block : Nayagarh, Gram Panchayat : Kendudhipi
Created By:Manoja Kumar Sethi

Measurement Book No : 171				Measurement Date : 2025-07-25				Pages : 146 to 152			
Item 1 : R.C.C. Work						Spec. Code : AR0404Ac					
Spec Decription : 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 Beams, Column, Girder & Bressmer etc)											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Roof Beam lw	3	15.45	0.25	0.175	1	2.0278125			✓	
ii	Roof Beam sw	2	7.45	0.25	0.175	1	0.651875			✓	
iii	Hanging Beam	2	7.45	0.25	0.3	1	1.1175			✓	
iv	Column	15	0.25	0.38	0.9	1	1.2825			✓	
Total Quantity							5.0796875 cum (5.0796875 Cum)				
Amount							5.0796875 X 14059.287342717 = Rs. 71416.79				
Item 2 : R.C.C. Work						Spec. Code : AR0404Ag					
Spec Decription : 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 Roof slab, landing, balcony, sun shade)											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Roof Slab	1	15.9	7.6	0.125	1	15.105			✓	
Total Quantity							15.105 cum (15.105 Cum)				
Amount							15.105 X 12305.418359788 = Rs. 185873.34				

Item 3 : R.C.C. Work							Spec. Code : AR0409				
Spec Decription : 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.											
Pre Measurement Date : 25-06-2025											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Concrete quantity	1	20.45			100	2045			✓	
Total Quantity							2045 Kg (20.45 Qntl)				
Amount							20.45 X 8929.3601565 = Rs. 182605.42				
Item 4 : Plastering											
Spec. Code : AR1017											
Spec Decription : 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Roof Slab	1	15.9	7.6		1	120.84			✓	
Total Quantity							120.84 Sqm (120.84 Sqm)				
Amount							120.84 X 273.326479568 = Rs. 33028.77				
Item 5 : Masonry Brick Work											
Spec. Code : AR0603b											
Spec Decription : Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, 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	LW	1	14.95	0.25	0.75	1	2.803125			✓	

ii		1	7.6	0.25	0.75		1.425			✓	
Total Quantity							4.228125 cum (4.228125 Cum)				
Amount							4.228125 X 5033.95815384 = Rs. 21284.20				
Item 6 : Plastering							Spec. Code : AR1004				
Spec Description : 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	LW	1	8.15		3.65	1	29.7475			✓	
Total Quantity							29.7475 Sqm (29.7475 Sqm)				
Amount							29.7475 X 172.965007426 = Rs. 5145.28				
Total Amount							Rs. 499353.79836734				

Addition Component

i) Display Citizen Board	Rs. 645
Total Addition	Rs. 645

Deduction Component

i) Royalty	Rs. 2877.182259375
ii) Additional Royalty	Rs. 4419.782709375
iii) EMF	Rs. 143.85911296875
iv) DMF	Rs. 287.7182259375
v) Empty Gunny Bag	Rs. 662.76
vi) Labour Cess	Rs. 4999.9879836734
Total Deduction	Rs. 13391.29029133

Grand Total Amount : Rs. 486607.50807601