

Measurements

OD/364/3484/119979/430224/00013431 : Repair and Maintenance of Rural Haat at Tandiki
Block : Malkangiri, Gram Panchayat : Tandiki
Created By:TAPAN KUMAR SAMAL

Measurement Book No : 27/2024-25					Measurement Date : 2025-06-30					Pages : 123 to 130	
Item 1 : Dismantling					Spec. Code : AR1613						
Spec Decription : Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.											
Pre Measurement Date : 30-07-2025											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Dismantling old Plinth	2	18.5	0.3			11.1			?	
ii		2	5.1	0.3			3.06			?	
Total Quantity							14.16 Sqm (14.16 Sqm)				
Amount							14.16 X 50.174193548387 = Rs. 710.47				
Item 2 : Dismantling					Spec. Code : AR1623						
Spec Decription : Dismantling and removing cement concrete including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.											
Pre Measurement Date : 30-07-2025											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Dismantling of foundation for fixing of Pole	12	0.35	0.35	0.6		0.882			?	
Total Quantity							0.882 cum (0.882 Cum)				
Amount							0.882 X 746.592 = Rs. 658.49				

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 specifaion and direction of Engineer-in charge.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Long Wall	2	18.5	0.375	0.35		4.85625				
ii	Short Wall	2	4.35	0.375	0.35		1.141875				
iii	Flooring	1	17.75	4.35	0.1		7.72125			?	
iv	Foundation	12	0.35	0.35	0.6		0.882			?	
Total Quantity							14.601375 cum (14.601375 Cum)				
Amount							14.601375 X 5585.01123494 = Rs. 81548.84				
Item 4 : 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	Plinth Filling	1	17.75	4.35	0.25		19.303125			?	
Total Quantity							19.303125 cum (19.303125 Cum)				
Amount							19.303125 X 515.507232 = Rs. 9950.90				
Item 5 : 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 specifaion and direction of Engineer-in charge.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Flooring	1	18.5	5.1	0.065		6.13275			?	

Total Quantity							6.13275 cum (6.13275 Cum)				
Amount							6.13275 X 7125.14577578 = Rs. 43696.74				
Item 6 : Plastering							Spec. Code : AR1026i				
Spec Description : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in outside with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Long Wall	2	18.5	0.65			24.05			?	
ii	Short Wall	2	5.1	0.65			6.63			?	
Total Quantity							30.68 Sqm (30.68 Sqm)				
Amount							30.68 X 162.2449284906 = Rs. 4977.67				
Item 7 : Painting							Spec. Code : AR0903i				
Spec Description : Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Truss	1	28.8	0.4	1.25		14.4			?	
ii	Purlin	1	71	0.3	1.25		26.625			?	
iii	Rafter	1	168	0.1	1.25		21			?	
iv	Plinth	2	18.5	0.65			24.05			?	
v		2	5.1	0.65			6.63			?	
Total Quantity							92.705 Sqm (92.705 Sqm)				
Amount							92.705 X 164.24574000202 = Rs. 15226.40				
Total Amount							Rs. 156769.51817231				

Addition Component

i) Display Citizen Board	Rs. 4500
ii) Any Other Lumpsum	Rs. 237162
iii) Contingency	Rs. 1567.6951817231
Total Addition	Rs. 243229.69518172

Deduction Component

i) Contingency	Rs. 3999.9921335403
ii) Royalty	Rs. 3565.3401375
iii) EMF	Rs. 178.267006875
iv) DMF	Rs. 356.53401375
v) Empty Gunny Bag	Rs. 430.005
vi) Labour Cess	Rs. 3999.9921335403
Total Deduction	Rs. 12530.130425206

Grand Total Amount : Rs. 387469.08292883