

Measurements

OD/372/3570/275277/419596/00013498 : Const. of Market Complex, Janmura

Block : Sonepur, Panchayat : Janmura

Created By:Smt Supriya Guru

Measurement Book No : 578/25					Measurement Date : 2025-02-18			Pages : 6 to 11			
Item 1 : Earth Work					Spec. Code : AR0102aa						
Spec Decription : 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	Column	8	1.2	1.2	1.2		13.824			✓	
ii	L W	2	12.55	0.6	0.6		9.036			✓	
iii	S W	2	4.17	0.6	0.6		3.0024				
iv	Ded. Col.	8	1.2	0.6	0.6		3.456		3.456		
Total Quantity							22.4064 cum (22.4064 Cum)				
Amount							22.4064 X 235.56432 = Rs. 5278.15				
Item 2 : Earth Work					Spec. Code : AR0115						
Spec Decription : 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	Column	8	1.2	1.2	0.15		1.728			✓	
ii	L W	2	12.55	0.6	0.15		2.259			✓	
iii	S W	2	4.14	0.6	0.15		0.7452				
iv	Ded. Col.	8	1.2	0.6	0.15		0.864		0.864		
Total Quantity							3.8682 cum (3.8682 Cum)				

Amount							3.8682 X 645.558872 = Rs. 2497.15				
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	Column	8	1.2	1.2	0.15		1.728			✓	
ii	L W	2	12.55	0.6	0.15		2.259			✓	
iii	S W	2	4.17	0.6	0.15		0.7506			✓	
iv	Hall	1	11.45	4.27	0.1		4.88915				
v	Ded. Col.	8	1.2	0.6	0.15		0.864		0.864		
Total Quantity							8.76275 cum (8.76275 Cum)				
Amount							8.76275 X 5813.64389262 = Rs. 50943.51				
Item 4 : Masonry Brick Work							Spec. Code : AR0603b				
Spec Description : 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	Foundation & Plinth	2	12.95	0.38	1.2		11.8104			✓	
ii		2	3.79	0.38	1.2		3.45648				
iii	Deduction	8	0.25	0.25	1.2		0.6		0.6		
Total Quantity							14.66688 cum (14.66688 Cum)				
Amount							14.66688 X 5045.197512216 = Rs. 73997.31				

Item 5 : Masonry Brick Work							Spec. Code : AR0603bi				
Spec Decription : Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² 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	Superstructure	2	12.18	0.25	3.05		18.5745			✓	
ii		4	4.54	0.25	3.05		13.847			✓	
iii	Deduction for Door	3	1.8	0.25	2.1		2.835		2.835		
iv	Ventilator	6	0.3	0.25	0.45		0.2025		0.2025		
Total Quantity							29.384 cum (29.384 Cum)				
Amount							29.384 X 5078.527512216 = Rs. 149227.45				
Item 6 : R.C.C. Work							Spec. Code : AR0404Aa				
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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Col. Base	8	1.2	1.2	0.3		3.456			✓	
ii	Footing	8	0.45	0.45	0.45		0.729			✓	
Total Quantity							4.185 cum (4.185 Cum)				
Amount							4.185 X 6428.6826126839 = Rs. 26904.04				
Item 7 : R.C.C. Work							Spec. Code : AR0404Ab				
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 Plinth band)											

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Plinth	2	12.55	0.25	0.25		1.56875			✓	
ii		4	4.17	0.25	0.25		1.0425			✓	
Total Quantity							2.61125 cum (2.61125 Cum)				
Amount							2.61125 X 7181.9697378256 = Rs. 18753.92				
Item 8 : 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	Column	8	0.38	0.25	3.2		2.432			✓	
ii	Wall Beam	2	12.55	0.25	0.15		0.94125			✓	
iii		4	4.17	0.25	0.15		0.6255				
iv	Can. Beam	4	2.7	0.25	0.25		0.675				
Total Quantity							4.67375 cum (4.67375 Cum)				
Amount							4.67375 X 14380.128250004 = Rs. 67209.12				
Item 9 : 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	12.25	5.52	0.125		8.4525			✓	
Total Quantity							8.4525 cum (8.4525 Cum)				

Amount							8.4525 X 12670.365967074 = Rs. 107096.27				
Item 10 : 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 : 22-01-2025											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	HYSD Bar	22					22			✓	
Total Quantity							22 Qntl (22 Qntl)				
Amount							22 X 8691.867292 = Rs. 191221.08				
Item 11 : 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	Slab	1	12.25	5.52			67.62			✓	
Total Quantity							67.62 Sqm (67.62 Sqm)				
Amount							67.62 X 266.5481347632 = Rs. 18023.98				
Total Amount							Rs. 711151.97938912				

Addition Component

i) Display Citizen Board	Rs. 2000
Total Addition	Rs. 2000

Deduction Component

i) Royalty	Rs. 5041.926879
ii) Additional Royalty	Rs. 7427.706182
iii) EMF	Rs. 252.09634395
iv) DMF	Rs. 504.1926879
v) Empty Gunny Bag	Rs. 998.085
vi) Labour Cess	Rs. 7131.5197938912
Total Addition	Rs. 21355.526886741

Grand Total Amount : Rs. 691796.45250237