

Measurements

OD/365/3511/120406/387392/00079098 : CONSTRUCTION OF JAHIRA BOUNDARY WALL WITH GATE AT BANKATI
Block : Tiring, Gram Panchayat : Sanbhundu
Created By: DAKHIN SOREN

Measurement Book No : 12/25-26				Measurement Date : 2026-04-23				Pages : 14 to 25			
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	wall	1	186	2	2.5		930			✓	
ii	column	15	4	4	4		960			✓	
iii	gate column	2	4	4	5		160			✓	
iv		15	4	2	2		240		240	✓	
Total Quantity							1810 Cft (51.253408 Cum)				
Amount							51.253408 X 240.77592 = Rs. 12340.59				
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		1	186	2	0.33		122.76			✓	
ii		15	4	4	0.33		79.2			✓	
iii		2	4	4	0.33		10.56			✓	
iv		15	4	2	0.33		39.6		39.6	✓	

Total Quantity	172.92 Cft (4.896541056 Cum)
Amount	4.896541056 X 721.133132 = Rs. 3531.06

Item 3 : Plastering	Spec. Code : AR1027
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Spec Description :

6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping 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		2	5		12		120			✓	
ii		2	13		1		26			✓	
iii		1	13		1.25		16.25			✓	

Total Quantity	162.25 Sft (15.07351175 Sqm)
Amount	15.07351175 X 192.373822714 = Rs. 2899.75

Item 4 : Plastering	Spec. Code : AR1004
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Spec Description :

12mm thick cement plaster (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		1	186		5		930			✓	
ii		1	13		1		13			✓	

Total Quantity	943 Sft (87.607529 Sqm)
Amount	87.607529 X 172.992668296 = Rs. 15155.46

Item 5 : Plastering	Spec. Code : AR1014
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Spec Description :

16mm thick cement Plaster in CM (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		1	186		5		930			✓	
ii		1	186		1		186			✓	
iii		2	13		1		26			✓	
Total Quantity							1142 Sft (106.095226 Sqm)				
Amount							106.095226 X 248.13465981 = Rs. 26325.90				

Item 6 : R.C.C. Work**Spec. Code : AR0409****Spec Description :**

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 :

25-03-2026

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i		1	7.5				7.5			✓	
Total Quantity							7.5 Qntl (7.5 Qntl)				
Amount							7.5 X 8428.8790379 = Rs. 63216.59				

Item 7 : Concrete**Spec. Code : AR0304****Spec Description :**

Cement concrete (1:4:8) 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		1	186	2	0.33		122.76			✓	

ii		13	4	4	0.33		68.64			✓	
iii		2	4	4	0.33		10.56			✓	
iv		15	4	2	0.33		39.6		39.6	✓	
Total Quantity							162.36 Cft (4.597515648 Cum)				
Amount							4.597515648 X 5383.8424104 = Rs. 24752.30				
Item 8 : R.C.C. Work							Spec. Code : AR0404Aa				
Spec Description : 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		15	4	4	0.75		180			✓	
ii		15	1.92	1.92	1.5		82.944			✓	
iii		15	0.83	0.83	1		10.3335			✓	
iv		2	3.5	3.5	1.25		30.625			✓	
v		2	3	3	1.25		22.5			✓	
vi		2	2	2	1		8			✓	
Total Quantity							334.4025 Cft (9.469208712 Cum)				
Amount							9.469208712 X 6434.0781604893 = Rs. 60925.63				
Item 9 : R.C.C. Work							Spec. Code : AR0404Ab				
Spec Description : 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		1	186	0.83	0.83		128.1354			✓	
ii		1	10	1.25	1		12.5			✓	
Total Quantity							140.6354 Cft (3.98234449472 Cum)				
Amount							3.98234449472 X 7192.5566491902 = Rs. 28643.24				

Item 10 : R.C.C. Work							Spec. Code : AR0404Ac				
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Spec Description :

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		2	1.25	1.25	12		37.5			✓	
ii		1	10	1.25	1		12.5			✓	
Total Quantity							50 Cft (1.41584 Cum)				
Amount							1.41584 X 14501.639947215 = Rs. 20532.00				

Item 11 : Masonry Brick Work							Spec. Code : AR0603b				
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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		1	186	1.5	1.5		418.5			✓	
ii		1	186	1.25	0.83		192.975			✓	
iii		15	1.92	1.92	2.75		152.064		152.064	✓	

Total Quantity							459.411 Cft (13.0090494048 Cum)				
Amount							13.0090494048 X 5178.16239864 = Rs. 67362.97				
Item 12 : 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		1	186	0.83	4.5		694.71			✓	
ii		1	15	1.83	1		27.45			✓	
Total Quantity							722.16 Cft (20.449260288 Cum)				
Amount							20.449260288 X 5211.49239864 = Rs. 106571.16				
Item 13 : Iron Work							Spec. Code : AR1704				
Spec Decription : Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i		1	2.9				2.9			✓	
Total Quantity							2.9 Qntl (2.9 Qntl)				
Amount							2.9 X 15771.744505087 = Rs. 45738.06				
Item 14 : Painting							Spec. Code : AR0920				
Spec Decription : Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC

i		2	186	5			1860			✓	
Total Quantity							1860 Sft (172.79958 Sqm)				
Amount							172.79958 X 94.805167525 = Rs. 16382.29				
Total Amount											
							Rs. 494377.00551936				

Addition Component

i) Display Citizen Board	Rs. 5000
ii) Any Other Lumpsum	Rs. 622
Total Addition	Rs. 5622

Deduction Component

i) Royalty	Rs. 3241
ii) Additional Royalty	Rs. 9776
iii) EMF	Rs. 162
iv) DMF	Rs. 324
v) Empty Gunny Bag	Rs. 730
vi) Labour Cess	Rs. 5000
Total Deduction	Rs. 19233

Grand Total Amount : Rs. 480766.00551936