

Measurements

OD/349/3331/116832/417700/00078965 : Constrn. Of Bathing Steps with Changing Room at Rengali Talabandha
Block : Kantamal, Gram Panchayat : Rengali
Created By: Babun Kumar Sahu

Measurement Book No : 1425				Measurement Date : 2026-03-22				Pages : 46 to 54			
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	L/W	2	10.5	0.75	0.75		11.8125				
ii	S/W	2	8	0.75	0.75		9			✓	
iii	BOTTOM TO TOP	1	9.34	8	0.3		22.416				
iv	CHANGING ROOM L/W	2	3.17	0.38	0.6		1.44552				
v	CHANGING ROOM S/W	2	1.8	0.38	0.6		0.8208				
Total Quantity							45.49482 cum (45.49482 Cum)				
Amount							45.49482 X 240.77592 = Rs. 10954.06				
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	L/W	2	10.5	0.75	0.15		2.3625				
ii	S/W	2	8	0.75	0.15		1.8			✓	

iii	BOTTOM TO TOP	1	9.3	8	0.15		11.16				
iv	CHANGING ROOM L/W	2	3.17	0.38	0.15		0.36138				
v	CHANGING ROOM S/W	2	1.8	0.38	0.15		0.2052				
Total Quantity							15.88908 cum (15.88908 Cum)				
Amount							15.88908 X 449.756232 = Rs. 7146.21				
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	L/W	2	10.5	0.75	0.15		2.3625				
ii	S/W	2	8	0.75	0.15		1.8			✓	
iii	L/W	2	10.16	0.41	0.6		4.99872				
iv	S/W	2	8.34	0.41	0.6		4.10328			✓	
v	BOTTOM TO TOP	1	9.34	8.34	0.15		11.68434			✓	
vi	STEP	1	9.16	0.82	0.075		0.56334				
vii		3	9.16	0.71	0.075		1.46331				
viii		5	9.16	0.82	0.12		4.50672				
ix		2	9.16	0.78	0.1		1.42896				
x		1	9.16	0.81	0.1		0.74196			✓	
xi			9.16	0.66	0.075		0.45342				
xii	CHANGING ROOM	1	2.54	1.93	0.15		0.73533				

Total Quantity							34.84188 cum (34.84188 Cum)				
Amount							34.84188 X 5228.39225596 = Rs. 182167.02				
Item 4 : Plastering							Spec. Code : AR1004				
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	L/W	2	2.7	2.65			14.31				
ii	S/W	2	2.8	2.65			14.84			✓	
iii	OPENING	1	0.9	2.65			2.385		2.385		
Total Quantity							26.765 Sqm (26.765 Sqm)				
Amount							26.765 X 165.1372421192 = Rs. 4419.90				
Item 5 : Plastering							Spec. Code : AR1014				
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	L/W	2	2.59	2.65			13.727				
ii	S/W	2	2.6	2.65			13.78			✓	
iii	OPENING	1	0.9	2.65			2.385		2.385		
Total Quantity							25.122 Sqm (25.122 Sqm)				
Amount							25.122 X 238.444651332 = Rs. 5990.21				
Item 6 : 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 specification and direction of Engineer-in charge.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	STEP	1	9.16	0.82	0.05		0.37556				
ii		3	9.16	0.71	0.05		0.97554			✓	
iii		5	9.16	0.82	0.05		1.8778			✓	
iv		2	9.16	0.78	0.05		0.71448				
v		1	9.16	0.81	0.07		0.519372				
vi		1	9.16	0.66	0.07		0.423192				
vii	CHANGING ROOM	1	2.54	1.93	0.05		0.24511				

Total Quantity**5.131054 cum (5.131054 Cum)****Amount****5.131054 X 6684.83715852 = Rs. 34300.26****Item 7 : Masonry Brick Work****Spec. Code : AR0603bi****Spec Description :**

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/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	L/W	2	2.79	0.25	2.65		3.69675				
ii	S/W	2	2.18	0.25	2.65		2.8885			✓	
iii	OPENING	1	0.9	0.25	2.65		0.59625		0.59625		

Total Quantity**5.989 cum (5.989 Cum)****Amount****5.989 X 5010.648251528 = Rs. 30008.77**

Item 8 : 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	L/W	4	9.82	0.6			23.568				
ii	S/W	4	6.78	0.6			16.272			✓	
iii	TOTAL STEP	12	9.16	0.2			21.984				
Total Quantity							61.824 Sqm (61.824 Sqm)				
Amount							61.824 X 216.39264180804 = Rs. 13378.26				
Item 9 : Painting							Spec. Code : AR0901d				
Spec Description : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	L/W	2	2.79	2.65			14.787				
ii	S/W	2	2.8	2.65			14.84			✓	
iii	OPENING	1	0.9	2.65			2.385		2.385		
Total Quantity							27.242 Sqm (27.242 Sqm)				
Amount							27.242 X 71.83753306751 = Rs. 1957.00				
Item 10 : Painting							Spec. Code : AR0918c				
Spec Description : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty 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	L/W	2	2.79	2.65			14.787				
ii	S/W	2	2.8	2.65			14.84			✓	
iii	OPENING	1	0.9	2.65			2.385		2.385		
Total Quantity							27.242 Sqm (27.242 Sqm)				
Amount							27.242 X 57.115150544344 = Rs. 1555.93				
Total Amount							Rs. 291877.61079672				

Addition Component

i) Display Citizen Board	Rs. 5000
ii) Any Other Lumpsum	Rs. 121
iii) Contingency	Rs. 3000
Total Addition	Rs. 8121

Deduction Component

i) Contingency	Rs. 3000
ii) Royalty	Rs. 6259.4461115
iii) EMF	Rs. 312.972305575
iv) DMF	Rs. 625.94461115
v) Empty Gunny Bag	Rs. 824.505
vi) Labour Cess	Rs. 3000
Total Deduction	Rs. 14022.868028225

Grand Total Amount : Rs. 285975.74276849