

Measurements

OD/373/3578/121600/383587/00082271 : Construction of Bathing Ghat and Changing Room at Aunlajharan Gadhua Pokhari

Block : Hemgir, Gram Panchayat : Kanaktura

Created By: Babita Patel

Measurement Book No : 1146/2025				Measurement Date : 2026-05-25				Pages : 144 to 158			
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	1st Wall	2	8.53	0.6	0.6		6.1416			✓	
ii	Wall	1	6.29	0.6	0.6		2.2644			✓	
iii	2nd Wall	2	8.99	0.6	0.6		6.4728			✓	
iv	wall	1	6.27	0.6	0.6		2.2572			✓	
v	3rdWall	2	8.53	0.6	0.6		6.1416			✓	
vi		1	6.09	0.6	0.605		2.21067			✓	
vii	Changing room	2	2.8	0.6	0.45		1.512			✓	
viii		2	1.6	0.6	0.45		0.864			✓	
ix	1st Bed	0.5	8.53	6.29	0.35		9.3893975			✓	
x	2nd Bed	0.5	8.99	6.27	0.35		9.8642775			✓	
xi	3rd Bed	0.5	8.53	6.09	0.35		9.0908475			✓	
xii	1st Cutoff	1	6.29	0.6	0.9		3.3966			✓	
xiii	2nd cutoff	1	6.27	0.6	0.9		3.3858			✓	

xiv	3rd cutoff	1	6.09	0.6	0.9		3.2886			✓	
Total Quantity							66.2797925 cum (66.2797925 Cum)				
Amount							66.2797925 X 240.77592 = Rs. 15958.58				
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	1stWall	2	8.53	0.6	0.1		1.0236			✓	
ii	Wall	1	6.29	0.6	0.1		0.3774			✓	
iii	2nd WALL	2	8.99	0.6	0.1		1.0788			✓	
iv	Wall	1	6.27	0.6	0.1		0.3762			✓	
v	3rd wLL	2	8.53	0.6	0.1		1.0236			✓	
vi	Wall	1	6.09	0.6	0.1		0.3654			✓	
vii	Changing room	2	2.8	0.6	0.1		0.336			✓	
viii		2	1.6	0.6	0.1		0.192			✓	
ix	1st Bed	1	8.53	6.29	0.1		5.36537			✓	
x	2ND Bed	1	8.99	6.27	0.1		5.63673			✓	
xi	3rd bed	1	8.53	6.09	0.1		5.19477			✓	
xii	Room	1	1.97	1.97	0.1		0.38809			✓	
xiii	1st Cutoff	1	6.29	0.6	0.1		0.3774			✓	
xiv	2nd Cutoff	1	6.27	0.6	0.1		0.3762			✓	

xv	3rd Cutoff	1	6.09	0.6	0.1		0.3654			✓	
Total Quantity							22.47696 cum (22.47696 Cum)				
Amount							22.47696 X 515.507232 = Rs. 11587.04				
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 specificaion and direction of Engineer-in charge.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	1stWall	2	8.53	0.6	0.5		5.118			✓	
ii	Wall	1	6.29	0.6	0.5		1.887			✓	
iii	2nd wall	2	8.99	0.6	0.5		5.394			✓	
iv	Wall	1	6.27	0.6	0.5		1.881			✓	
v	3rd wall	2	8.53	0.6	0.5		5.118			✓	
vi	Wall	1	6.09	0.6	0.5		1.827			✓	
vii	1st Bed	1	8.53	6.29	0.08		4.292296			✓	
viii	2nd bed	1	8.99	6.27	0.07		3.945711			✓	
ix	3rd Bed	1	8.53	6.09	0.1		5.19477			✓	
x	1st Cutoff	1	6.29	0.6	0.8		3.0192			✓	
xi	2nd cutoff	1	6.27	0.6	0.8		3.0096			✓	
xii	3rd cutoff	1	6.09	0.6	0.8		2.9232			✓	
xiii	1st Step	0.5	1	6.29	1.09	0.13	0.4456465			✓	
xiv		0.5	1	6.29	1.2	0.15	0.5661			✓	

xv		0.5	1	6.29	1.11	0.2	0.69819			✓	
xvi		0.5	1	6.29	0.9	0.2	0.5661			✓	
xvii		0.5	5	6.29	0.6	0.2	1.887			✓	
xviii		0.5	3	6.29	0.3	0.15	0.424575			✓	
xix	2nd Step	0.5	4	6.27	0.9	0.1	1.1286			✓	
xx		0.5	4	6.27	0.6	0.13	0.97812			✓	
xxi		0.5	2	6.27	0.6	0.2	0.7524			✓	
xxii		0.5	1	6.27	0.6	0.32	0.60192			✓	
xxiii		0.5	1	6.27	0.45	0.17	0.2398275			✓	
xxiv		0.5	1	6.27	0.3	0.17	0.159885			✓	
xxv		0.5	1	6.27	0.3	0.15	0.141075			✓	
xxvi	3rd Step	0.5	5	6.09	0.9	0.1	1.37025			✓	
xxvii		0.5	7	6.09	0.6	0.1	1.2789			✓	
xxviii	1st Parapet wall	2	5	0.6	0.5	0.25	0.75			✓	
xxix		2	2	0.3	0.5	0.15	0.09			✓	
xxx	2nd Parapetwall	2	5	0.6	0.5	0.25	0.75			✓	
xxxi		2	2	0.3	0.5	0.15	0.09			✓	
xxxii	3rd Parapet wall	2	1	1.03	0.48	0.15	0.14832			✓	
xxxiii		2	1	1.2	0.48	0.25	0.288			✓	
xxxiv		2	1	0.5	0.48	0.32	0.1536			✓	

xxxv		2	2	0.6	0.48	0.15	0.1728			✓	
xxxvi		2	2	0.6	0.45	0.2	0.216			✓	
xxxvii	Changing room	2	2.8	0.6	0.1		0.336			✓	
xxxviii		2	1.6	0.6	0.1		0.192			✓	
xxxix	Room	1	1.97	1.97	0.1		0.38809			✓	

Total Quantity

58.423176 cum (58.423176 Cum)

Amount

58.423176 X 5895.24203502 = Rs. 344418.76

Item 4 : Concrete

Spec. Code : AR0307a

Spec Description :

Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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 specificaion and direction of Engineer-in charge.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Step1	1	6.29	1.09	0.06		0.411366			✓	
ii		1	6.29	1.2	0.06		0.45288			✓	
iii		1	6.29	1.11	0.05		0.349095			✓	
iv		1	6.29	0.9	0.06		0.33966			✓	
v		5	6.29	0.6	0.06		1.1322			✓	
vi		3	6.29	0.3	0.06		0.33966			✓	
vii	Step2	4	6.27	0.9	0.06		1.35432			✓	
viii		7	6.27	0.6	0.06		1.58004			✓	
ix		1	6.27	0.45	0.06		0.16929			✓	
x		1	6.27	0.3	0.06		0.11286			✓	

xi		1	6.27	0.3	0.06		0.11286			✓	
xii	Step 3	5	6.09	0.9	0.06		1.6443			✓	
xiii		7	6.09	0.6	0.06		1.53468			✓	
Total Quantity							9.533211 cum (9.533211 Cum)				
Amount							9.533211 X 7089.95277624 = Rs. 67590.02				

Item 5 : Masonry Brick Work

Spec. Code : AR0603c

Spec Description :

Brickwork with Flyash Bricks of size (23cm x 11cm 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	1st footing	2	2.7	0.5	0.15		0.405			✓	
ii		2	1.7	0.5	0.15		0.255			✓	
iii	2nd footing	2	2.65	0.45	0.15		0.35775			✓	
iv		2	1.75	0.45	0.15		0.23625			✓	
Total Quantity							1.254 cum (1.254 Cum)				
Amount							1.254 X 5339.686577536 = Rs. 6695.97				

Item 6 : Masonry Brick Work

Spec. Code : AR0603ci

Spec Description :

Brickwork with Flyash Bricks of size (23cm x 11cm 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	Wall	2	2.43	0.23	1.91		2.134998			✓	

ii		2	1.97	0.23	1.91		1.730842			✓	
iii	Door	1	0.71	0.23	1.91		0.311903		0.311903	✓	
Total Quantity							3.553937 cum (3.553937 Cum)				
Amount							3.553937 X 5373.016577536 = Rs. 19095.36				

Item 7 : 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	Wall	2	2.43	1.91			9.2826			✓	
ii		2	2.43	1.91			9.2826			✓	
iii	Door	0.5	0.71	1.91			0.67805		0.67805	✓	
Total Quantity							17.88715 Sqm (17.88715 Sqm)				
Amount							17.88715 X 182.6780253604 = Rs. 3267.59				

Item 8 : 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	Wall	2	1.97	1.91			7.5254			✓	
ii		2	1.97	1.91			7.5254			✓	
iii	Door	0.5	0.71	1.91			0.67805		0.67805	✓	
Total Quantity							14.37275 Sqm (14.37275 Sqm)				

Amount							14.37275 X 259.495202834 = Rs. 3729.66				
Item 9 : Painting							Spec. Code : AR0918c				
Spec Decription : 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			32.25				32.25			✓	
Total Quantity							32.25 Sqm (32.25 Sqm)				
Amount							32.25 X 57.578835206323 = Rs. 1856.92				
Item 10 : Flooring							Spec. Code : AR0802ii				
Spec Decription : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Flooring	1	1.97	1.97			3.8809			✓	
Total Quantity							3.8809 Sqm (3.8809 Sqm)				
Amount							3.8809 X 367.2796340604 = Rs. 1425.38				
Item 11 : R.C.C. Work							Spec. Code : AR0410c				
Spec Decription : 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	Step1	1	6.29	0.18			1.1322			✓	
ii		1	6.29	0.2			1.258			✓	

iii		1	6.29	0.25			1.5725			✓	
iv		1	6.29	0.25			1.5725			✓	
v		5	6.29	0.25			7.8625			✓	
vi		3	6.29	0.2			3.774			✓	
vii	side	2	8.53	0.25			4.265			✓	
viii	Parapet	5	2	2	0.6	0.25	3			✓	
ix		2	2	2	0.3	0.15	0.36			✓	
x	2nd Step	4	6.27	0.15			3.762			✓	
xi		4	6.27	0.17			4.2636			✓	
xii		2	6.27	0.25			3.135			✓	
xiii		1	6.27	0.38			2.3826			✓	
xiv		1	6.27	0.23			1.4421			✓	
xv		1	6.27	0.25			1.5675			✓	
xvi		1	1.47	0.2			0.294			✓	
xvii	Side	2	8.99	0.38			6.8324			✓	
xviii	Parapet wall	5	2	2	0.6	0.25	3			✓	
xix		2	2	2	0.3	0.15	0.36			✓	
xx	3rd Step	12	6.09	0.15			10.962			✓	
xxi	Side	2	8.53	0.15			2.559			✓	
xxii	Parapet	1	2	2	1.03	0.15	0.618			✓	
xxiii		1	2	2	1.2	0.25	1.2			✓	

xxiv		1	2	2	0.5	0.32	0.64			✓	
xxv		5	2	2	0.6	0.15	1.8			✓	
xxvi		2	2	2	0.6	0.2	0.96			✓	
Total Quantity							70.5749 Sqm (70.5749 Sqm)				
Amount							70.5749 X 216.39264180804 = Rs. 15271.89				
Total Amount							Rs. 490897.15254665				

Addition Component

i) Display Citizen Board	Rs. 5000
ii) Contingency	Rs. 4095
Total Addition	Rs. 9095

Deduction Component

i) Contingency	Rs. 5000
ii) Royalty	Rs. 10404
iii) Additional Royalty	Rs. 35419
iv) EMF	Rs. 520
v) DMF	Rs. 1040
vi) Empty Gunny Bag	Rs. 1353
vii) Labour Cess	Rs. 5000
viii) Any Other Lumpsum Bill	Rs. 10000
Total Deduction	Rs. 68736

Grand Total Amount : Rs. 431256.15254665