

Measurements

OD/351/3348/117222/383021/00079331 : IMPROVEMENT OF TIRIB TALAKATA BATHING STEPS, OUTLET/INLET AND BEAUTIFICATION

Block : Tileibani, Gram Panchayat : Badchhapal

Created By:GHANASHYAM SAHU

Measurement Book No : 1017				Measurement Date : 2026-05-22				Pages : 69 to 73			
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	wall	2	9.15	0.6	0.6		6.588				
ii	CUT OFF	2	3.65	0.6	0.6		2.628			✓	
iii	BED	1	9.15	3.65	0.3		10.01925				
Total Quantity							19.23525 cum (19.23525 Cum)				
Amount							19.23525 X 240.77592 = Rs. 4631.39				
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	WALL	2	9.15	0.6	0.1		1.098				
ii	cut off	2	3.65	0.6	0.1		0.438				
iii	BED	1	9.15	3.65	0.1		3.33975			✓	
Total Quantity							4.87575 cum (4.87575 Cum)				
Amount							4.87575 X 433.101332 = Rs. 2111.69				

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	WALL	2	9.15	0.6	0.15		1.647				
ii		2	9.15	0.49	1.2		10.7604				
iii	CUT OFF	2	3.65	0.45	0.45		1.47825				
iv	BED	1	9.15	3.65	0.15		5.009625			✓	
v	STEP	0.5	15	3.65	0.6	0.2	3.285				
vi	PARAPIT	2	9.15	0.25	0.45		2.05875				
Total Quantity							24.239025 cum (24.239025 Cum)				
Amount							24.239025 X 6031.65372986 = Rs. 146201.41				
Item 4 : 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	BATHING STEP	1	9.15	3.65	0.075		2.5048125			✓	
Total Quantity							2.5048125 cum (2.5048125 Cum)				
Amount							2.5048125 X 7468.36256582 = Rs. 18706.85				
Item 5 : 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	WALL	2	2	9.15	1.2		43.92				
ii	STEP	15	3.65	0.2			10.95			✓	
Total Quantity							54.87 Sqm (54.87 Sqm)				
Amount							54.87 X 216.23489289764 = Rs. 11864.81				

Item 6 : Special items for irrigation works

Spec. Code : AR0216

Spec Description :

Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum size with all lifts and delifts including trimming of slopes and bed to design section and depositing the the excavated materials away from work site as per the specification and as directed by the Engineer-in-charge within an initial lead of 1km from the place of excavation complete. Per 1 cum.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	EW		10		54.969		549.69			✓	
ii			10		68.806		688.06				
iii			10		70.656		706.56				
iv			10		40.846		408.46				
Total Quantity							2352.77 cum (2352.77 Cum)				
Amount							2352.77 X 67.165 = Rs. 158023.80				

Total Amount

Rs. 341539.93791679

Addition Component

i) Display Citizen Board	Rs. 4900
ii) Contingency	Rs. 3559
Total Addition	Rs. 8459

Deduction Component

i) Contingency	Rs. 3559
ii) Royalty	Rs. 3935
iii) Additional Royalty	Rs. 6815
iv) EMF	Rs. 197
v) DMF	Rs. 394
vi) Empty Gunny Bag	Rs. 509
vii) Labour Cess	Rs. 3500
viii) Any Other Lumpsum Bill	Rs. 3500
Total Deduction	Rs. 22409

Grand Total Amount : Rs. 327589.93791679