

Measurements

OD/365/3511/120404/387389/00079278 : CONSTRUCTION OF CULVERT WITH DRAIN AT JOTA BURU ROAD NEAR EDEL DARU

Block : Tiring, Gram Panchayat : Pandupani

Created By: DAKHIN SOREN

Measurement Book No : 07/2025-26				Measurement Date : 2026-05-22				Pages : 177 to 183			
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	Abutment	2	28	4	5.5		1232			✓	
ii	Bed	1	28	3	0.5		42			✓	
iii	W/Wall	4	3	2	3		72			✓	
iv	C/Off	2	6	2	2		48			✓	
v	cc drain	1	30	4.5	3.5		472.5			✓	
Total Quantity							1866.5 Cft (52.8533072 Cum)				
Amount							52.8533072 X 240.77592 = Rs. 12725.80				
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	Abutment	2	28	4	0.5		112			✓	
ii	Bed	1	28	3	0.5		42			✓	
iii	W/wall	4	3	2	0.5		12			✓	

iv	C/Off	2	6	2	0.5		12			✓	
v	drain	1	30	4.5	0.5		67.5			✓	
Total Quantity							245.5 Cft (6.9517744 Cum)				
Amount							6.9517744 X 721.133132 = Rs. 5013.15				

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 specification and direction of Engineer-in charge.

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Abutment	2	28	4	1		224			✓	
ii		2	28	3	2.5		420			✓	
iii		2	28	2	3.05		341.6			✓	
iv	Bed	1	28	3	0.33		27.72			✓	
v	W/wall	4	3	2	0.5		12			✓	
vi		4	3	1.75	4		84			✓	
vii	C/off	2	6	2	1.5		36			✓	
viii	drain wall	2	30	0.75	3		135			✓	
ix	bed	1	30	3	0.33		29.7			✓	
x	parapet	2	8.5	1.5	1.5		38.25			✓	
Total Quantity							1348.27 Cft (38.178691936 Cum)				
Amount							38.178691936 X 5821.4101038 = Rs. 222253.82				

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 specificaion and direction of Engineer-in charge.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Abutment	2	28	2	0.16		17.92			✓	
ii	Bef	1	28	3	0.25		21			✓	
iii	drain wall	2	30	0.75	0.16		7.2			✓	
iv	bed	1	30	3	0.16		14.4			✓	
Total Quantity							60.52 Cft (1.713732736 Cum)				
Amount							1.713732736 X 7384.4602276 = Rs. 12654.99				
Item 5 : R.C.C. Work							Spec. Code : AR0404Ag				
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 Roof slab, landing, balcony, sun shade)											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Slab	1	28	6	1.16		194.88			✓	
Total Quantity							194.88 Cft (5.518377984 Cum)				
Amount							5.518377984 X 12753.536417961 = Rs. 70378.83				
Item 6 : 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 : 20-04-2026											

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Slab	1	3.92	1	1		3.92			✓	
Total Quantity							3.92 Qntl (3.92 Qntl)				
Amount							3.92 X 8454.0977279 = Rs. 33140.06				

Item 7 : Plastering

Spec. Code : AR1027

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	Abutment	2	28		3		168			✓	
ii	W/wall	4	2		3		24			✓	
iii	drain	2	30		3		180			✓	
Total Quantity							372 Sft (34.559916 Sqm)				
Amount							34.559916 X 192.373822714 = Rs. 6648.42				

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	Abutment	2	54	8.5			918			✓	
ii	W/wall	4	6	5.5			132			✓	
iii	drain	4	30	3.5			420			✓	
iv	parapet	4	8.5	1.5			51			✓	

v		4	1.5	1.5			9			✓	
Total Quantity							1530 Sft (142.14159 Sqm)				
Amount							142.14159 X 216.70813962884 = Rs. 30803.24				
Total Amount							Rs. 393618.33309474				

Addition Component

i) Display Citizen Board	Rs. 5000
ii) Any Other Lumpsum	Rs. 1381
Total Addition	Rs. 6381

Deduction Component

i) Royalty	Rs. 6619
ii) Additional Royalty	Rs. 18389
iii) EMF	Rs. 331
iv) DMF	Rs. 662
v) Empty Gunny Bag	Rs. 903
vi) Labour Cess	Rs. 4000
Total Deduction	Rs. 30904

Grand Total Amount : Rs. 369095.33309474