

Measurements

**OD/365/3497/120212/391274/00078881 : CONSTRUCTION OF DRAIN FROM TULAGADIA RD ROAD TO SIKEN SAHI
UNDER RAMCHANDRAPUR GP**

Block : Kaptipada, Gram Panchayat : Ramchandrapur

Created By: BHARAT CHANDRA SINGH

Measurement Book No : 13/25-26				Measurement Date : 2026-06-06				Pages : 68 to 76			
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	Drain Bed	5	15	1.32	0.9		89.1				
ii		1	2.75	1.32	0.9		3.267			✓	
Total Quantity							92.367 cum (92.367 Cum)				
Amount							92.367 X 240.77592 = Rs. 22239.75				
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	Drain Bed	5	15	1.32	0.15		14.85				
ii	-Do-	1	2.75	1.32	0.15		0.5445			✓	
Total Quantity							15.3945 cum (15.3945 Cum)				
Amount							15.3945 X 1280.269132 = Rs. 19709.10				
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	Drain Bed	5	15	1.32	0.15		14.85				
ii	-Do-	1	2.75	1.32	0.15		0.5445			✓	
Total Quantity							15.3945 cum (15.3945 Cum)				
Amount							15.3945 X 6687.4812658 = Rs. 102950.43				

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	Drain Bed	5	15	1	0.07		5.25				
ii	Wall	10	15	0.2	0.6		18				
iii	Bed	1	2.75	1	0.07		0.1925				
iv	Wall	2	2.75	0.2	0.6		0.66			✓	
v	Slab	1	3.65	1.32	0.15		0.7227				
Total Quantity							24.8252 cum (24.8252 Cum)				
Amount							24.8252 X 8222.4162216 = Rs. 204123.13				

Item 5 : 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
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i	Drain wall	10	15	0.6			90				
ii	Wall top	10	15	0.2			30				
iii	Drain Wall	2	2.75	0.6			3.3				
iv	Wall Top	2	2.75	0.2			1.1				✓
Total Quantity							124.4 Sqm (124.4 Sqm)				
Amount							124.4 X 197.460804874 = Rs. 24564.12				

Item 6 : R.C.C. Work							Spec. Code : AR0410c				
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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	Walls	20	15	0.6			180				
ii	Faces	2	0.2	0.6			0.24				
iii	Slab	1	3.65	1.32			4.818				
iv	faces	1	10.88	0.15			1.632				
v	Wall	4	2.75	0.6			6.6				✓
Total Quantity							193.29 Sqm (193.29 Sqm)				
Amount							193.29 X 216.39264180804 = Rs. 41826.53				

Item 7 : R.C.C. Work							Spec. Code : AR0409				
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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 :

19-05-2026

S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
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i	Hysd	1	6				6			✓	
Total Quantity							6 Qntl (6 Qntl)				
Amount							6 X 8454.0977279 = Rs. 50724.59				
Item 8 : Earth Work							Spec. Code : AR0122Ai				
Spec Description : Earth work in all kinds of soil 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 direction of the Engineer-in-charge.											
S/N	Description	N	L	B	D	CF	Quantity	Remarks	Deduction	CM	TC
i	Side Road filling	5	15	3.65	0.45		123.1875			✓	
ii	Deduct Voids	1	0.125	123.1875			15.3984375		15.3984375		
Total Quantity							107.7890625 cum (107.7890625 Cum)				
Amount							107.7890625 X 220.96043508 = Rs. 23817.12				
Total Amount							Rs. 489954.7724617				

Addition Component

i) Display Citizen Board	Rs. 5000
ii) Any Other Lumpsum	Rs. 44
iii) Contingency	Rs. 5000
Total Addition	Rs. 10044

Deduction Component

i) Contingency	Rs. 5000
ii) Royalty	Rs. 6047
iii) Additional Royalty	Rs. 26882
iv) EMF	Rs. 302

v) DMF	Rs. 605
vi) Empty Gunny Bag	Rs. 955
vii) Labour Cess	Rs. 5000
Total Deduction	Rs. 44791

Grand Total Amount : Rs. 455207.7724617