

Detailed Estimate

**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

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain Bed	1.000	74.000	1.320	0.900	0.000	87.912	-
Total Quantity					87.912 cum (cum)		87.912 Cum (Cubic Meter)	
Amount					87.912 X 240.77592		21167.09	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain Bed	1.000	74.000	1.320	0.150	0.000	14.652	-
Total Quantity					14.652 cum (cum)		14.652 Cum (Cubic Meter)	
Amount					14.652 X 1280.269132		18758.50	
3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal								
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 and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain Bed	1.000	74.000	1.320	0.150	0.000	14.652	-
Total Quantity					14.652 cum (cum)		14.652 Cum (Cubic Meter)	

Amount					14.652 X 6687.4812658	97984.98		
4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum								
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain Bed	1.000	74.000	1.000	0.070	0.000	5.180	-
ii	Wall	2.000	74.000	0.200	0.600	0.000	17.760	-
iii	Slab	2.000	3.650	1.320	0.200	0.000	1.927	-
Total Quantity					24.8672 cum (cum)		24.8672 Cum (Cubic Meter)	
Amount					24.8672 X 8222.4162216		204468.47	
5. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)								
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain wall	2.000	74.000	0.600	0.000	0.000	88.800	-
ii	Wall top	2.000	74.000	0.200	0.000	0.000	29.600	-
Total Quantity					118.4 Sqm (Sqm)		118.4 Sqm (Square Meter)	
Amount					118.4 X 197.460804874		23379.36	
6. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc								
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Walls	4.000	74.000	0.600	0.000	0.000	177.600	-

ii	Faces	2.000	0.200	0.600	0.000	0.000	0.240	-
iii	Slab	2.000	3.620	1.320	0.000	0.000	9.557	-
iv	faces	2.000	10.880	0.200	0.000	0.000	4.352	-
Total Quantity					191.7488 Sqm (Sqm)		191.7488 Sqm (Square Meter)	
Amount					191.7488 X 216.39264180804		41493.03	

7. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Hysd	1.000	24.860	0.350	0.000	0.000	8.701	-
Total Quantity					8.701 Qntl (Quintal)		8.701 Qntl (Quintal)	
Amount					8.701 X 8454.0977279		73559.10	

8. Earth Work (AR0122Ai) : Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side Road filling	1.000	74.000	0.750	0.450	0.000	24.975	-
Total Quantity					24.975 cum (cum)		24.975 Cum (Cubic Meter)	
Amount					24.975 X 220.96043508		5518.49	
Total Amount							486329.02	

Addition

Provision for PH Work (+) @

Provision for EI Work (+) @	
Provision for Contingency (+) @	5000.00
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	3670.90
Provision for survey investigation and quality control (+) @	
Total Addition	13670.90
Grand Net Total Amount	499999.92

BHARAT CHANDRA SINGH
JE
Kaptipada Block

SADASIBA BEHERA
AEE
Kaptipada Block

Reshma Tete
BDO
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