

Detailed Estimate

OD/365/3503/120297/387725/00072696 : Construction of CC Drain from Suru Munda land to Arun Munda land at Kapili

Block : Rairangpur, Gram Panchayat : Hatia

Created By: PRASHANTA KUMAR DAS

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	1.000	245.000	5.000	2.500	0.028	86.669	-
Total Quantity					86.66875 cum (cum)		86.66875 Cum (Cubic Meter)	
Amount					86.66875 X 240.77592		20867.75	
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	245.000	5.000	0.500	0.028	17.334	-
Total Quantity					17.33375 cum (cum)		17.33375 Cum (Cubic Meter)	
Amount					17.33375 X 1088.167132		18862.02	
3. 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 inside	2.000	245.000	0.000	2.000	0.093	91.042	-

ii	Outside	2.000	245.000	0.000	1.250	0.093	56.901	-
iii	wall top	2.000	245.000	0.000	1.000	0.093	45.521	-
iv	Bed	1.000	245.000	2.000	0.000	0.093	45.521	-
Total Quantity					238.98525 Sqm (Sqm)		238.98525 Sqm (Square Meter)	
Amount					238.98525 X 195.573308794		46739.14	

4. 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	Wall	4.000	245.000	0.000	2.250	0.093	204.844	-
Total Quantity					204.8445 Sqm (Sqm)		204.8445 Sqm (Square Meter)	
Amount					204.8445 X 216.23489289764		44294.53	

5. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	245.000	5.000	0.500	0.028	17.334	-
ii	Wall	2.000	245.000	1.000	2.000	0.028	27.734	-
Total Quantity					45.06775 cum (cum)		45.06775 Cum (Cubic Meter)	
Amount					45.06775 X 5851.9196283		263732.85	

6. 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	245.000	2.000	0.250	0.028	3.467	-
ii	Wall top	2.000	245.000	1.000	0.025	0.028	0.347	-
Total Quantity					3.813425 cum (cum)		3.813425 Cum (Cubic Meter)	
Amount					3.813425 X 7620.3201746		29059.52	
Total Amount							423555.80	
Addition								
Display Citizen Board (+) @							3500.00	
Any Other Lumpsum (+) @							1527.20	
Provision for survey investigation and quality control (+) @							0.00	
Provision for Contingency (+) @							0.00	
Total Addition							5027.20	
Grand Net Total Amount							428583.00	

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