

Detailed Estimate

OD/345/3285/115778/420185/00014387 : Const of Drain at Kermeli
Block : Balangir, Panchayat : Barapudgia
Created By: Tani Swain

1. Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift								
Earth work in ordinary 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 per 100 cum								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Pit	1.000	78.000	0.960	0.810	0.000	60.653	-
Total Quantity					60.6528 cum (cum)		60.6528 Cum (Cubic Meter)	
Amount					60.6528 X 146.0864		8860.55	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Pit	1.000	78.000	0.960	0.100	0.000	7.488	-
Total Quantity					7.488 cum (cum)		7.488 Cum (Cubic Meter)	
Amount					7.488 X 593.099472		4441.13	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Bed	1.000	78.000	0.960	0.100	0.000	7.488	-
ii	Sidewall	2.000	78.000	0.250	0.760	0.000	29.640	-
Total Quantity					37.128 cum (cum)		37.128 Cum (Cubic Meter)	
Amount					37.128 X 5546.04597832		205913.60	
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 and as per direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wearing Coat	1.000	78.000	0.460	0.070	0.000	2.512	-
Total Quantity					2.5116 cum (cum)		2.5116 Cum (Cubic Meter)	
Amount					2.5116 X 7166.50427184		17999.39	

5. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside

12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Sides	2.000	78.000	0.000	0.760	0.000	118.560	-
ii	Top	2.000	78.000	0.250	0.000	0.000	39.000	-
Total Quantity					157.56 Sqm (Sqm)		157.56 Sqm (Square Meter)	
Amount					157.56 X 170.2568318464		26825.67	

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 centering 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side wall	2.000	78.000	0.000	0.760	0.000	118.560	-
Total Quantity					118.56 Sqm (Sqm)		118.56 Sqm (Square Meter)	
Amount					118.56 X 215.22489289764		25517.06	

Total Amount **289557.39**

Addition

Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							7442.00	

Total Addition	10442.00
Grand Net Total Amount	299999.39