

Detailed Estimate

OD/370/3550/121146/426749/00074067 : Construction of CC road and drain at Mill Sahi to Nala
Block : Gunupur, Gram Panchayat : Dombosora
Created By: HIMANSU BHUSAN RATH

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									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Drain	1.000	54.000	1.350	1.140	0.000	83.106	-	
ii	Formation of Road	1.000	20.000	3.700	0.230	0.000	17.020	-	
iii	Cutoff	2.000	20.000	0.300	0.300	0.000	3.600	-	
Total Quantity					103.726 cum (cum)		103.726 Cum (Cubic Meter)		
Amount					103.726 X 240.77592		24974.72		
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	Drain	1.000	54.000	1.350	0.120	0.000	8.748	-	
ii	Levelling the Bed	1.000	20.000	3.700	0.120	0.000	8.880	-	
Total Quantity					17.628 cum (cum)		17.628 Cum (Cubic Meter)		
Amount					17.628 X 596.408232		10513.48		
3. 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain	4.000	54.000	0.000	0.750	0.000	162.000	-
ii	Cutoff wall	4.000	20.000	0.000	0.100	0.000	8.000	-
Total Quantity					170 Sqm (Sqm)		170 Sqm (Square Meter)	
Amount					170 X 216.23489289764		36759.93	

4. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain	0.280	1.000	1.000	1.000	20.900	5.852	-
Total Quantity					5.852 Qntl (Quintal)		5.852 Qntl (Quintal)	
Amount					5.852 X 8652.9234393		50636.91	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain	1.000	54.000	1.350	0.150	0.000	10.935	-
ii	Cutoff wall	2.000	20.000	0.300	0.300	0.000	3.600	-
iii	CC Road	1.000	20.000	3.700	0.100	0.000	7.400	-
Total Quantity					21.935 cum (cum)		21.935 Cum (Cubic Meter)	
Amount					21.935 X 5132.38230842		112578.81	

6. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain Bed	1.000	54.000	1.350	0.120	0.000	8.748	-
ii	wall	2.000	54.000	0.150	0.750	0.000	12.150	-
Total Quantity					20.898 cum (cum)		20.898 Cum (Cubic Meter)	
Amount					20.898 X 5597.9854629834		116986.70	

7. 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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC Road	1.000	20.000	3.700	0.070	0.000	5.180	-
Total Quantity					5.18 cum (cum)		5.18 Cum (Cubic Meter)	
Amount					5.18 X 6871.86047654		35596.24	
Total Amount							388046.79	

Addition

Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							2952.00	
Provision for survey investigation and quality control (+) @								
Total Addition							11952.00	

Grand Net Total Amount	399998.79
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