

Detailed Estimate

OD/353/3360/117493/413933/00070867 : Construction of CC Road with Drain at Jalibadi

Block : Mohona, Gram Panchayat : Baghamari

Created By: Pradymna Kumar Nayak

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	30.000	1.200	0.600	0.000	21.600	-
ii	road	2.000	40.000	0.230	0.230	0.000	4.232	-
iii	road	1.000	31.000	3.190	0.100	0.000	9.889	-
Total Quantity					35.721 cum (cum)		35.721 Cum (Cubic Meter)	
Amount					35.721 X 240.77592		8600.76	
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	30.000	1.200	0.100	0.000	3.600	-
ii		1.000	31.000	3.190	0.100	0.000	9.889	-
Total Quantity					13.489 cum (cum)		13.489 Cum (Cubic Meter)	
Amount					13.489 X 1085.652232		14644.36	
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	2.000	30.000	0.300	0.600	0.000	10.800	-
ii	drain	1.000	30.000	1.200	0.100	0.000	3.600	-
iii	road	1.000	31.000	3.650	0.100	0.000	11.315	-
Total Quantity					25.715 cum (cum)		25.715 Cum (Cubic Meter)	
Amount					25.715 X 5601.21029972		144035.12	

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	drain	4.000	30.000	0.000	0.600	0.000	72.000	-
ii	road	2.000	31.000	0.000	0.200	0.000	12.400	-
Total Quantity					84.4 Sqm (Sqm)		84.4 Sqm (Square Meter)	
Amount					84.4 X 216.39264180804		18263.54	

5. Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside

12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	drain	1.000	30.000	2.400	0.000	0.000	72.000	-
Total Quantity					72 Sqm (Sqm)		72 Sqm (Square Meter)	
Amount					72 X 197.7024923392		14234.58	

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	1.000	30.000	0.600	0.050	0.000	0.900	-
ii	drain	2.000	30.000	0.300	0.050	0.000	0.900	-
iii	road	1.000	31.000	3.650	0.100	0.000	11.315	-
Total Quantity					13.115 cum (cum)		13.115 Cum (Cubic Meter)	
Amount					13.115 X 7115.78205164		93323.48	
Total Amount							293101.84	
Addition								
Provision for Contingency (+) @							2931.02	
Display Citizen Board (+) @							3900.00	
Any Other Lumpsum (+) @							67.00	
Provision for survey investigation and quality control (+) @								
Total Addition							6898.02	
Grand Net Total Amount							299999.86	

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