

Detailed Estimate

OD/365/3491/120109/390330/00074341 : Construction of CC Road from Banuasahi club house to Hara Sing House at Banuasahi

Block : Betnoti, Gram Panchayat : Ambagadia

Created By: JHILAN LENKA

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	cutoff	2.000	67.000	0.250	0.250	0.000	8.375	-
ii	end cut	1.000	3.100	0.250	0.250	0.000	0.194	-
Total Quantity					8.56875 cum (cum)		8.56875 Cum (Cubic Meter)	
Amount					8.56875 X 240.77592		2063.15	
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	cutoff	2.000	67.000	0.250	0.050	0.000	1.675	-
ii	End cutoff	1.000	3.100	0.250	0.050	0.000	0.039	-
iii	Road surface	1.000	67.000	3.100	0.050	0.000	10.385	-
Total Quantity					12.09875 cum (cum)		12.09875 Cum (Cubic Meter)	
Amount					12.09875 X 1428.234132		17279.85	
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	Cutoff	2.000	67.000	0.250	0.225	0.000	7.538	-
ii	End cutoff	1.000	3.100	0.250	0.225	0.000	0.174	-
iii	Road surface	1.000	67.000	3.100	0.100	0.000	20.770	-
Total Quantity					28.481875 cum (cum)		28.481875 Cum (Cubic Meter)	
Amount					28.481875 X 6571.9833723		187182.41	

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	road surface	1.000	67.000	3.600	0.085	0.000	20.502	-
Total Quantity					20.502 cum (cum)		20.502 Cum (Cubic Meter)	
Amount					20.502 X 8068.6119571		165422.68	

5. 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	cutoff	4.000	67.000	0.000	0.225	0.000	60.300	-
ii	road surface	2.000	67.000	0.000	0.200	0.000	26.800	-
iii	end cutoff	2.000	3.100	0.000	0.225	0.000	1.395	-
Total Quantity					88.495 Sqm (Sqm)		88.495 Sqm (Square Meter)	

Amount	88.495 X 216.23489289764	19135.71
Total Amount		391083.79
Addition		
Provision for Contingency (+) @		3910.84
Display Citizen Board (+) @		3500.00
Any Other Lumpsum (+) @		1505.36
Provision for survey investigation and quality control (+) @		
Total Addition		8916.20
Grand Net Total Amount		399999.99

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