

Detailed Estimate

OD/371/3559/121307/381716/00014286 : Construction of CC Road from Goudpada to Saharapada Pabpali

Block : Dhankauda, Gram Panchayat : Sason

Created By: PRADEEP KUMAR BADHAI

1. Earth Work (AR0122Aia) : Earthwork in all kinds of soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift								
Earthwork in all kinds of soil in foundation and 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 direction of the Engineer-in-charge								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	16.760	8.530	0.150	1.000	21.444	-
ii	Road	1.000	8.840	5.180	0.150	1.000	6.869	-
Total Quantity					28.3131 cum (cum)		28.3131 Cum (Cubic Meter)	
Amount					28.3131 X 265.152522096		7507.29	
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	Road	1.000	16.760	8.530	0.150	1.000	21.444	-
ii	Road	1.000	8.840	5.180	0.150	1.000	6.869	-
Total Quantity					28.3131 cum (cum)		28.3131 Cum (Cubic Meter)	
Amount					28.3131 X 1039.555832		29433.05	
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	Road	1.000	16.760	8.530	0.075	0.000	10.722	-
ii	Road	1.000	8.840	5.180	0.075	0.000	3.434	-
Total Quantity					14.15655 cum (cum)		14.15655 Cum (Cubic Meter)	

Amount						14.15655 X 5899.1258668	83511.27	
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 specifaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	16.760	8.530	0.075	0.000	10.722	-
ii	Road	1.000	8.840	5.180	0.075	0.000	3.434	-
iii	Road	1.000	3.960	36.270	0.075	0.000	10.772	-
iv	Road	1.000	5.180	12.500	0.075	0.000	4.856	-
v	Road	1.000	8.230	8.530	0.075	0.000	5.265	-
Total Quantity					35.0501325 cum (cum)		35.0501325 Cum (Cubic Meter)	
Amount						35.0501325 X 7453.9379256	261261.51	
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	16.760	0.000	0.150	1.000	5.028	-
ii	Road	2.000	8.840	0.000	0.150	1.000	2.652	-
iii	Road	2.000	3.960	0.000	0.150	1.000	1.188	-
iv	Road	2.000	5.180	0.000	0.150	1.000	1.554	-
v	Road	2.000	8.230	0.000	0.150	1.000	2.469	-
Total Quantity					12.891 Sqm (Sqm)		12.891 Sqm (Square Meter)	
Amount						12.891 X 216.39264180804	2789.52	
Total Amount							384502.64	

Addition	
Provision for Contingency (+) @	3845.03
Display Citizen Board (+) @	3652.33
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	7497.36
Grand Net Total Amount	391999.99