

Detailed Estimate

OD/365/3496/120181/388416/00071011 : Construction of CC Road at Champabalda near AWC building of Jamukeswar GP

Block : Joshipur, Gram Panchayat : Jamukeswar

Created By: Jagannath Majhi

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	C. Wall	2.000	154.000	1.000	1.000	1.000	308.000	-
Total Quantity					308 Cft (Cubic Foot)		8.7215744 Cum (Cubic Meter)	
Amount					8.7215744 X 240.77592		2099.95	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	C. Wall	2.000	154.000	0.670	0.330	1.000	68.099	-
ii	Road Base	1.000	50.000	10.670	0.330	1.000	176.055	-
iii		1.000	50.000	10.670	0.330	1.000	176.055	-
iv		1.000	54.000	10.670	0.330	1.000	190.139	-
Total Quantity					610.3482 Cft (Cubic Foot)		17.28310790976 Cum (Cubic Meter)	
Amount					17.28310790976 X 1326.729132		22930.00	
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	C. Wall	2.000	154.000	0.670	1.420	1.000	293.031	-
ii	Road Base	1.000	50.000	10.670	0.330	1.000	176.055	-
iii		1.000	50.000	10.670	0.330	1.000	176.055	-
iv		1.000	54.000	10.670	0.330	1.000	190.139	-
Total Quantity					835.2806 Cft (Cubic Foot)		23.65247369408 Cum (Cubic Meter)	
Amount					23.65247369408 X 6144.0322828		145321.56	

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 Base	1.000	50.000	12.000	0.330	1.000	198.000	-
ii		1.000	50.000	12.000	0.330	1.000	198.000	-
iii		1.000	54.000	12.000	0.330	1.000	213.840	-
Total Quantity					609.84 Cft (Cubic Foot)		17.268717312 Cum (Cubic Meter)	
Amount					17.268717312 X 7673.9113806		132518.61	

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
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i	C. Wall	2.000	154.000	0.000	1.420	1.000	437.360	-
ii		2.000	154.000	0.000	1.420	1.000	437.360	-
iii	Top edges	2.000	154.000	0.000	0.330	1.000	101.640	-
Total Quantity					976.36 Sft (Square Foot)		90.70677308 Sqm (Square Meter)	
Amount					90.70677308 X 216.39264180804		19628.28	
Total Amount							322498.39	
Addition								
Provision for Contingency (+) @							3224.98	
Display Citizen Board (+) @							1500.00	
Any Other Lumpsum (+) @							1359.00	
Provision for survey investigation and quality control (+) @								
Total Addition							6083.98	
Grand Net Total Amount							328582.38	

JE
Joshiapur Block

HEMANTA KUMAR NAIK
AEE
Joshiapur Block

MADHAB CHANDRA BIRUA
BDO
Joshiapur Block