

Detailed Estimate

OD/346/3304/116206/393436/00066901 : Improvement of road from Boka house to RD road.

Block : Khaira, Gram Panchayat : Dangarpada

Created By: Santosh Kumar Prusty

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	Cut off	2.000	34.500	0.225	0.150	0.000	2.329	-
Total Quantity					2.32875 cum (cum)		2.32875 Cum (Cubic Meter)	
Amount					2.32875 X 240.77592		560.71	
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	Cut off	2.000	34.500	0.225	0.050	0.000	0.776	-
ii	Bed	1.000	34.500	2.600	0.100	0.000	8.970	-
Total Quantity					9.74625 cum (cum)		9.74625 Cum (Cubic Meter)	
Amount					9.74625 X 1596.207232		15557.03	
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	Cut off	2.000	34.500	0.225	0.200	0.000	3.105	-

ii	Bed	1.000	34.500	3.050	0.100	0.000	10.523	-
Total Quantity					13.6275 cum (cum)		13.6275 Cum (Cubic Meter)	
Amount					13.6275 X 6825.8515587		93019.29	
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	Bed	1.000	34.500	3.050	0.100	0.000	10.523	-
Total Quantity					10.5225 cum (cum)		10.5225 Cum (Cubic Meter)	
Amount					10.5225 X 8215.2199009		86444.65	
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	Cut off	2.000	34.500	0.000	0.200	0.000	13.800	-
ii	Bed	2.000	34.500	0.000	0.200	0.000	13.800	-
Total Quantity					27.6 Sqm (Sqm)		27.6 Sqm (Square Meter)	
Amount					27.6 X 216.23489289764		5968.08	
Total Amount							201549.77	
Addition								
Provision for Contingency (+) @							26.00	
Display Citizen Board (+) @							225.00	

Any Other Lumpsum (+) @	237.20
Provision for survey investigation and quality control (+) @	
Total Addition	488.20
Grand Net Total Amount	202037.97

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