

Detailed Estimate

OD/346/3309/275554/393975/00075047 : Construction of CC road Simulia Harihat Padia to Ramakanta Barik house
Block : Soro, Gram Panchayat : Balanga
Created By: Monalisa Pati

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	30.000	0.230	0.150	0.000	2.070	-
ii	Cut Off	2.000	30.000	0.230	0.150	0.000	2.070	-
iii	Cut Off	2.000	11.000	0.230	0.150	0.000	0.759	-
Total Quantity					4.899 cum (cum)		4.899 Cum (Cubic Meter)	
Amount					4.899 X 240.77592		1179.56	
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	30.000	0.230	0.050	0.000	0.690	-
ii	Cut off	2.000	30.000	0.230	0.050	0.000	0.690	-
iii	Cut off	2.000	11.000	0.230	0.050	0.000	0.253	-
iv	Base	1.000	30.000	2.890	0.100	0.000	8.670	-
v	Base	1.000	30.000	2.540	0.100	0.000	7.620	-
vi	Base	1.000	11.000	2.540	0.100	0.000	2.794	-
Total Quantity					20.717 cum (cum)		20.717 Cum (Cubic Meter)	

Amount					20.717 X 1540.455232	31913.61		
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	30.000	0.230	0.300	0.000	4.140	-
ii	Cut off	2.000	30.000	0.230	0.300	0.000	4.140	-
iii	Cut off	2.000	11.000	0.230	0.300	0.000	1.518	-
iv	Base	1.000	30.000	2.890	0.100	0.000	8.670	-
v	Base	1.000	30.000	2.540	0.100	0.000	7.620	-
vi	Base	1.000	11.000	2.540	0.100	0.000	2.794	-
Total Quantity					28.882 cum (cum)		28.882 Cum (Cubic Meter)	
Amount					28.882 X 6142.5162627		177408.15	
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	30.000	0.300	0.000	0.000	18.000	-
ii	Road	2.000	30.000	0.300	0.000	0.000	18.000	-
iii	Road	2.000	11.000	0.300	0.000	0.000	6.600	-
Total Quantity					42.6 Sqm (Sqm)		42.6 Sqm (Square Meter)	
Amount					42.6 X 216.23489289764		9211.61	
5. 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	Base	1.000	30.000	3.350	0.100	0.000	10.050	-
ii	Base	1.000	30.000	3.000	0.100	0.000	9.000	-
iii	Base	1.000	11.000	3.000	0.100	0.000	3.300	-
Total Quantity					22.35 cum (cum)		22.35 Cum (Cubic Meter)	
Amount					22.35 X 7574.5930609		169292.15	
Total Amount							389005.09	
Addition								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							2994.91	
Any Other Lumpsum (+) @							4000.00	
Provision for survey investigation and quality control (+) @								
Total Addition							10994.91	
Grand Net Total Amount							400000.00	

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JE
Soro Block

Nirmala Kanta Parida
AEE
Soro Block

Satyanath Naik
BDO
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