

Detailed Estimate

OD/346/3309/116314/393689/00063570 : Repair and restoration of road from Adibasi Sahi to AWC

Block : Soro, Gram Panchayat : Gopinathpur

Created By:Rojalin Jena

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	Cut off	2.000	15.000	0.750	0.500	0.000	11.250	-
Total Quantity					11.25 Cft (Cubic Foot)		0.318564 Cum (Cubic Meter)	
Amount					0.318564 X 240.77592		76.70	
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	cut off	2.000	15.000	0.750	0.160	0.000	3.600	-
ii	bed	1.000	15.000	8.500	0.330	0.000	42.075	-
Total Quantity					45.675 Cft (Cubic Foot)		1.29336984 Cum (Cubic Meter)	
Amount					1.29336984 X 1540.455232		1992.38	
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	cut off	2.000	15.000	0.750	1.000	0.000	22.500	-
ii	bed	1.000	15.000	8.500	0.330	0.000	42.075	-
Total Quantity					64.575 Cft (Cubic Foot)		1.82855736 Cum (Cubic Meter)	
Amount					1.82855736 X 5948.23175774		10876.68	
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	4.000	15.000	1.000	0.000	0.000	60.000	-
ii	side	2.000	15.000	0.250	0.000	0.000	7.500	-
Total Quantity					67.5 Sft (Square Foot)		6.2709525 Sqm (Square Meter)	
Amount					6.2709525 X 216.23489289764		1356.00	
5. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Bed	1.000	15.000	10.000	1.000	0.000	150.000	-
Total Quantity					150 Sft (Square Foot)		13.93545 Sqm (Square Meter)	
Amount					13.93545 X 4.6662		65.03	
6. 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	15.000	10.000	0.250	0.000	37.500	-
Total Quantity					37.5 Cft (Cubic Foot)		1.06188 Cum (Cubic Meter)	
Amount					1.06188 X 7372.21052138		7828.40	
7. Earth Work (AR0114a) : Filling of foundation with escalated earth								
Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	berm	2.000	15.000	0.750	0.500	0.000	11.250	-
Total Quantity					11.25 Cft (Cubic Foot)		0.318564 Cum (Cubic Meter)	
Amount					0.318564 X 133.76408892		42.61	
Total Amount							22237.80	
Addition								
Provision for Contingency (+) @							240.00	
Display Citizen Board (+) @							500.00	
Any Other Lumpsum (+) @							1022.19	
Provision for survey investigation and quality control (+) @								
Total Addition							1762.19	
Grand Net Total Amount							23999.99	

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Soro Block

Nirmala Kanta Parida
AEE
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BDO
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