

Detailed Estimate

OD/346/3309/116314/393717/00063572 : Repair and restoration of road from Purna Chandra Pradhan house to Malati Bhol house
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 of	2.000	13.000	0.750	0.500	0.000	9.750	-
Total Quantity					9.75 Cft (Cubic Foot)		0.2760888 Cum (Cubic Meter)	
Amount					0.2760888 X 240.77592		66.48	
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	13.000	0.750	0.160	0.000	3.120	-
ii	bed	1.000	13.000	8.500	0.330	0.000	36.465	-
Total Quantity					39.585 Cft (Cubic Foot)		1.120920528 Cum (Cubic Meter)	
Amount					1.120920528 X 1540.455232		1726.73	
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 of	2.000	13.000	0.750	1.000	0.000	19.500	-
ii	bed	1.000	13.000	8.500	0.330	0.000	36.465	-
Total Quantity					55.965 Cft (Cubic Foot)		1.584749712 Cum (Cubic Meter)	
Amount					1.584749712 X 5948.23175774		9426.46	

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 of	4.000	13.000	1.000	0.000	0.000	52.000	-
ii	side	2.000	13.000	0.250	0.000	0.000	6.500	-
Total Quantity					58.5 Sft (Square Foot)		5.4348255 Sqm (Square Meter)	
Amount					5.4348255 X 216.23489289764		1175.20	

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	13.000	10.000	0.000	0.000	130.000	-
Total Quantity					130 Sft (Square Foot)		12.07739 Sqm (Square Meter)	
Amount					12.07739 X 4.6662		56.36	

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	13.000	10.000	0.250	0.000	32.500	-
Total Quantity					32.5 Cft (Cubic Foot)		0.920296 Cum (Cubic Meter)	
Amount					0.920296 X 7372.21052138		6784.62	
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	13.000	0.750	0.500	0.000	9.750	-
Total Quantity					9.75 Cft (Cubic Foot)		0.2760888 Cum (Cubic Meter)	
Amount					0.2760888 X 133.76408892		36.93	
Total Amount							19272.76	
Addition								
Provision for Contingency (+) @							210.00	
Display Citizen Board (+) @							500.00	
Any Other Lumpsum (+) @							1017.23	
Provision for survey investigation and quality control (+) @								
Total Addition							1727.23	
Grand Net Total Amount							20999.99	

Rojalin Jena
JE
Soro Block

Nirmala Kanta Parida
AEE
Soro Block

Satyanath Naik
BDO
Soro Block