

Detailed Estimate

**OD/348/3323/116630/394788/00016205 : Improvement Of Road From Tirthabasi House To Das Babu House,
Samarapur, Gelpur G.P.**

Block : Bhadrak, Gram Panchayat : Gelpur

Created By: SATYAJIT MOHANTY

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	1.000	20.000	0.225	0.500	0.000	2.250	-
Total Quantity					2.25 cum (cum)		2.25 Cum (Cubic Meter)	
Amount					2.25 X 240.77592		541.75	
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	1.000	20.000	0.225	0.050	0.000	0.225	-
ii	In side	1.000	15.000	3.000	0.075	0.000	3.375	-
iii	do	1.000	4.000	3.000	0.075	0.000	0.900	-
iv	do	1.000	12.000	2.775	0.075	0.000	2.498	-
v	do	1.000	9.000	2.775	0.075	0.000	1.873	-
Total Quantity					8.870625 cum (cum)		8.870625 Cum (Cubic Meter)	
Amount					8.870625 X 995.762232		8833.03	
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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	C.W	1.000	20.000	0.225	0.175	0.000	0.788	-
ii	do	1.000	15.000	3.000	0.075	0.000	3.375	-
iii	do	1.000	4.000	3.000	0.075	0.000	0.900	-
iv	do	1.000	12.000	3.000	0.075	0.000	2.700	-
v	DO	1.000	9.000	3.000	0.075	0.000	2.025	-
Total Quantity					9.7875 cum (cum)		9.7875 Cum (Cubic Meter)	
Amount					9.7875 X 6153.30889848		60225.51	

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	Road	1.000	15.000	3.000	0.075	0.000	3.375	-
ii	do	1.000	4.000	3.000	0.075	0.000	0.900	-
iii	do	1.000	12.000	3.000	0.075	0.000	2.700	-
iv	do	1.000	9.000	3.000	0.075	0.000	2.025	-
Total Quantity					9 cum (cum)		9 Cum (Cubic Meter)	
Amount					9 X 7617.69196876		68559.23	

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	c.wall	2.000	20.000	0.075	0.000	0.000	3.000	-
ii	Road	1.000	20.000	0.500	0.000	0.000	10.000	-
Total Quantity					13 Sqm (Sqm)		13 Sqm (Square Meter)	
Amount					13 X 216.39264180804		2813.10	
Total Amount							140972.62	
Addition								
Provision for Contingency (+) @							1409.73	
Display Citizen Board (+) @							1405.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							2814.73	
Grand Net Total Amount							143787.35	

SATYAJIT MOHANTY
JE
Bhadrak Block

SUKANTA MISHRA
AEE
Bhadrak Block

RASMI RANJAN MALLICK
BDO
Bhadrak Block