

Detailed Estimate

OD/356/3395/118285/402029/00064147 : Improvement of road from Jagannath Temple to Kendua Villager Dharapur
Phase-1

Block : Bari, Gram Panchayat : Dharapur

Created By:Saroj Kumar Panda

1. 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	Road bed	1.000	53.000	13.995	0.330	0.000	244.773	-	
ii	Road bed	1.000	50.000	21.000	0.330	0.000	346.500	-	
iii	Road bed	1.000	47.000	18.000	0.330	0.000	279.180	-	
Total Quantity					870.45255 Cft (Cubic Foot)		24.64843076784 Cum (Cubic Meter)		
Amount					24.64843076784 X 686.096232		16911.20		
2. 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	C Wall	1.000	53.000	0.830	0.660	0.000	29.033	-	
ii	C Wall	1.000	24.000	0.830	0.660	0.000	13.147	-	
Total Quantity					42.1806 Cft (Cubic Foot)		1.19441961408 Cum (Cubic Meter)		
Amount					1.19441961408 X 6297.01085816		7521.27		
3. 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 two side filling	1.000	150.000	0.250	0.250	0.000	9.375	-
ii	Road end slope	1.000	15.000	1.500	0.250	0.000	5.625	-
Total Quantity					15 Cft (Cubic Foot)		0.424752 Cum (Cubic Meter)	
Amount					0.424752 X 7778.81778992		3304.07	

4. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road bed	1.000	53.000	13.995	0.000	0.000	741.735	-
ii	Road bed	1.000	50.000	21.000	0.000	0.000	1050.000	-
iii	Road bed	1.000	47.000	23.000	0.000	0.000	1081.000	-
Total Quantity					2872.735 Sft (Square Foot)		266.885699705 Sqm (Square Meter)	
Amount					266.885699705 X 627.066		167354.95	

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	53.000	0.000	0.660	0.000	69.960	-

ii	C wall	2.000	24.000	0.000	0.660	0.000	31.680	-
Total Quantity					101.64 Sft (Square Foot)		9.44266092 Sqm (Square Meter)	
Amount					9.44266092 X 216.23489289764		2041.83	
Total Amount							197133.32	
Addition								
Provision for Contingency (+) @							2000.00	
Display Citizen Board (+) @							866.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							2866.00	
Grand Net Total Amount							199999.32	

Saroj Kumar Panda
JE
Bari Block

Saumyamukul Barik
AEE
Bari Block

Asit Kumar Mohanty
BDO
Bari Block