

Detailed Estimate

**OD/363/3467/119721/429369/00067924 : Const of CC Gr-II Metaling Road from Dasmanthpur Hatapada to Rd Road
Dasmanthpur**

Block : Boipariguda, Gram Panchayat : Dasamanthpur

Created By: Ashish kumar tiriya

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	Levelling	1.000	13.000	3.000	0.270	0.000	10.530	-
ii	Levelling	1.000	12.000	3.000	0.270	0.000	9.720	-
iii	Levelling	1.000	4.000	1.970	0.270	0.000	2.128	-
iv	Levelling	1.000	6.500	1.970	0.270	0.000	3.457	-
v	Levelling	1.000	22.400	3.000	0.270	0.000	18.144	-
vi	Levelling	1.000	15.400	3.000	0.270	0.000	12.474	-
vii	Levelling	1.000	7.000	3.000	0.270	0.000	5.670	-
viii	Cutoff	2.000	80.300	0.270	0.270	0.000	11.708	-
ix	Intermediate Cutoff	10.000	3.000	0.270	0.270	0.000	2.187	-
Total Quantity					76.01769 cum (cum)		76.01769 Cum (Cubic Meter)	
Amount					76.01769 X 240.77592		18303.23	
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	Levelling	1.000	13.000	3.000	0.120	0.000	4.680	-
ii	Levelling	1.000	12.000	3.000	0.120	0.000	4.320	-
iii	Levelling	1.000	4.000	1.970	0.120	0.000	0.946	-
iv	Levelling	1.000	6.500	1.970	0.120	0.000	1.537	-
v	Levelling	1.000	22.400	3.000	0.120	0.000	8.064	-
vi	Levelling	1.000	15.400	3.000	0.120	0.000	5.544	-
vii	Levelling	1.000	7.000	3.000	0.120	0.000	2.520	-
viii	Cutoff	2.000	80.300	0.270	0.120	0.000	5.203	-
ix	Intermediate Cutoff	10.000	3.000	0.270	0.120	0.000	0.972	-
Total Quantity					33.78564 cum (cum)		33.78564 Cum (Cubic Meter)	
Amount					33.78564 X 581.258232		19638.18	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	80.300	0.270	0.270	0.000	11.708	-
ii	Intermediate Cutoff	10.000	3.000	0.270	0.270	0.000	2.187	-
Total Quantity					13.89474 cum (cum)		13.89474 Cum (Cubic Meter)	
Amount					13.89474 X 6850.3265756		95183.51	
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	1.000	80.300	3.000	0.000	0.000	240.900	-
Total Quantity					240.9 Sqm (Sqm)		240.9 Sqm (Square Meter)	
Amount					240.9 X 623.952		150310.04	

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	Cutoff	2.000	80.300	0.270	0.000	0.000	43.362	-
ii	Intermediate Cutoff	10.000	3.000	0.270	0.000	0.000	8.100	-
Total Quantity					51.462 Sqm (Sqm)		51.462 Sqm (Square Meter)	
Amount					51.462 X 216.55039071844		11144.12	
Total Amount							294579.07	

Addition

Provision for Contingency (+) @							2946.00	
Display Citizen Board (+) @							2474.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							5420.00	
Grand Net Total Amount							299999.07	

Ashish kumar tiriya
JE
Boipariguda Block

Khiroda chandra Behara
AEE
Boipariguda Block

Shakti Mohapatra
BDO
Boipariguda Block