

Detailed Estimate

OD/347/3315/116446/380533/00018602 : Imp. of Road with CC/ Grade-II Metalling At Mahalakata Barmunda
Block : Bheden, Gram Panchayat : Manpur
Created By:Nirakar Kandara

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Bed	1.000	62.000	3.600	0.300	0.000	66.960	-
ii	culvert Bed	1.000	3.600	1.200	1.000	0.000	4.320	-
iii	Cutoff wall	2.000	62.000	0.200	0.200	0.000	4.960	-
Total Quantity					76.24 cum (cum)		76.24 Cum (Cubic Meter)	
Amount					76.24 X 240.77592		18356.76	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Bed	1.000	62.000	3.600	0.100	0.000	22.320	-
ii	Culvert Bed	1.000	3.600	1.200	0.150	0.000	0.648	-
Total Quantity					22.968 cum (cum)		22.968 Cum (Cubic Meter)	
Amount					22.968 X 564.249832		12959.69	
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	Road	1.000	37.200	2.550	0.100	0.000	9.486	-
ii	Road	1.000	18.300	3.600	0.100	0.000	6.588	-
iii	Road	1.000	6.300	3.300	0.100	0.000	2.079	-
iv	Culvert Bed	1.000	3.600	1.200	0.150	0.000	0.648	-
v	culvert Wall	2.000	3.600	0.300	0.600	0.000	1.296	-
vi	cutoff wall	2.000	58.000	0.200	0.150	0.000	3.480	-
Total Quantity					23.577 cum (cum)		23.577 Cum (Cubic Meter)	
Amount					23.577 X 5291.00853512		124746.11	

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 Bed	1.000	37.200	2.550	0.075	0.000	7.115	-
ii	Road Bed	1.000	18.300	3.600	0.075	0.000	4.941	-
iii	Road Bed	1.000	6.500	3.300	0.075	0.000	1.609	-
iv	culvert Bed wearing coat	1.000	3.600	0.900	0.055	0.000	0.178	-
v	Culvert top Bed	1.000	3.600	1.500	0.100	0.000	0.540	-
Total Quantity					14.38245 cum (cum)		14.38245 Cum (Cubic Meter)	
Amount					14.38245 X 6824.76861044		98156.89	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Culvert wall	2.000	2.000	3.600	0.900	0.000	12.960	-
ii	road both side	1.000	2.000	56.600	0.100	0.000	11.320	-
iii	Cutoff wall	2.000	2.000	56.600	0.150	0.000	33.960	-
iv	Culvert wall	2.000	4.000	3.600	0.750	0.000	21.600	-
Total Quantity					79.84 Sqm (Sqm)		79.84 Sqm (Square Meter)	
Amount					79.84 X 216.70813962884		17301.98	

6. Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR

Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Berm	2.000	65.000	0.600	0.300	0.000	23.400	-
ii	1/6th Deduct for voids	3.900	0.000	0.000	0.000	0.000	-	3.900
Total Quantity					19.5 cum (cum)		19.5 Cum (Cubic Meter)	
Amount					19.5 X 1113.0481286784		21704.44	
Total Amount							293225.86	
Addition								
Provision for Contingency (+) @							1774.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
Total Addition	6774.00
Grand Net Total Amount	299999.86

Nirakar Kandara
JE
Bheden Block

Sunil Kumar Prusty
AEE
Bheden Block

KARNA SUNA
BDO
Bheden Block