

Detailed Estimate

OD/357/3404/118515/381127/00101643 : Construction of CC Road from Mulchan Chhachhan House to Srikara Besan house at Brundamal
Block : Jharsuguda, Gram Panchayat : Badmal
Created By:Rasmita maharana

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	cutoff	2.000	51.000	0.230	0.230	0.000	5.396	-
ii	road	1.000	51.000	3.600	0.100	0.000	18.360	-
Total Quantity					23.7558 cum (cum)		23.7558 Cum (Cubic Meter)	
Amount					23.7558 X 240.77592		5719.82	
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	1.000	51.000	3.600	0.100	0.000	18.360	-
ii	cutoff	2.000	51.000	0.230	0.050	0.000	1.173	-
Total Quantity					19.533 cum (cum)		19.533 Cum (Cubic Meter)	
Amount					19.533 X 980.268832		19147.59	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	51.000	0.230	0.050	0.000	1.173	-
ii	Road	1.000	51.000	3.600	0.100	0.000	18.360	-

Total Quantity	19.533 cum (cum)	19.533 Cum (Cubic Meter)
Amount	19.533 X 5787.77097714	113052.53

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	51.000	3.600	0.075	0.000	13.770	-
Total Quantity							13.77 cum (cum)	13.77 Cum (Cubic Meter)
Amount							13.77 X 7211.43627718	99301.48

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	road	2.000	51.000	0.180	0.000	0.000	18.360	-
Total Quantity							18.36 Sqm (Sqm)	18.36 Sqm (Square Meter)
Amount							18.36 X 216.23489289764	3970.07

6. R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	drain	1.000	20.000	0.900	0.100	0.000	1.800	-
ii	wall	2.000	20.000	0.150	0.600	0.000	3.600	-
Total Quantity							5.4 cum (cum)	5.4 Cum (Cubic Meter)

Amount		5.4 X 6242.6227761243		33710.16				
7. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position								
Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	0.000	0.000	0.000	0.000	2.000	-
Total Quantity					2 Qntl (Quintal)		2 Qntl (Quintal)	
Amount					2 X 8419.8668988		16839.73	

Total Amount (A) : 291741.39

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.258.58	Add for Thermocoal	258.58
Additional Components Amount (F) : 8258.58			

Grand Total Amount (A + F) : 299999.97315131

Rasmita maharana
JE
Jharsuguda Block

Madhumita Mishra
AEE
Jharsuguda Block

Anil Kumar Acharya
BDO
Jharsuguda Block