

Detailed Estimate

OD/349/3331/116826/417882/00078915 : Consn. of CC Road Badkalarakotha Mumurtundi road
Block : Kantamal, Gram Panchayat : Khuntigora
Created By: Babun Kumar Sahu

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	bed	1.000	6.000	3.000	0.600	0.000	10.800	-
ii	wing wall	4.000	3.000	1.200	1.200	0.000	17.280	-
iii	end cutoff	2.000	3.250	0.200	0.200	0.000	0.260	-
iv	side cutoff	2.000	16.000	0.200	0.200	0.000	1.280	-
Total Quantity					29.62 cum (cum)		29.62 Cum (Cubic Meter)	
Amount					29.62 X 240.77592		7131.78	
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	culvert bed	1.000	6.000	3.000	0.150	0.000	2.700	-
ii	wing wall	4.000	3.000	1.200	0.150	0.000	2.160	-
iii	road	1.000	16.000	3.250	0.100	0.000	5.200	-
Total Quantity					10.06 cum (cum)		10.06 Cum (Cubic Meter)	
Amount					10.06 X 449.756232		4524.55	
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	culvert bed	1.000	6.000	3.000	0.450	0.000	8.100	-
ii	abutment	2.000	6.000	0.450	1.200	0.000	6.480	-
iii	wing wall	4.000	3.000	1.200	0.150	0.000	2.160	-
iv	1st footing	4.000	3.000	1.000	0.450	0.000	5.400	-
v	2nd footing	4.000	3.000	0.800	0.450	0.000	4.320	-
vi	above G.L.	4.000	3.000	0.625	1.500	0.000	11.250	-
vii	end cutoff	2.000	3.250	0.200	0.200	0.000	0.260	-
viii	side cutoff	2.000	16.000	0.200	0.200	0.000	1.280	-
ix	road	1.000	16.000	3.650	0.100	0.000	5.840	-
Total Quantity					45.09 cum (cum)		45.09 Cum (Cubic Meter)	
Amount					45.09 X 5273.70292646		237791.26	

4. 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	culvert abutment	4.000	6.000	1.200	0.000	0.000	28.800	-
ii	wing wall	8.000	3.000	1.500	0.000	0.000	36.000	-
iii	slab	1.000	6.000	3.000	0.000	0.000	18.000	-
Total Quantity					82.8 Sqm (Sqm)		82.8 Sqm (Square Meter)	

Amount				82.8 X 216.55039071844			17930.37	
5. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	rod	1.000	6.000	3.000	0.300	0.000	5.400	-
Total Quantity					5.4 Qntl (Quintal)		5.4 Qntl (Quintal)	
Amount				5.4 X 8669.4543012			46815.05	
6. R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab	1.000	6.000	3.000	0.300	0.000	5.400	-
Total Quantity					5.4 cum (cum)		5.4 Cum (Cubic Meter)	
Amount				5.4 X 5441.6244835542			29384.77	
7. 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 specifaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	culvert bed	1.000	6.000	2.100	0.050	0.000	0.630	-
ii	parapit	2.000	3.000	0.250	0.450	0.000	0.675	-
iii	wing wall	4.000	3.000	0.450	0.050	0.000	0.270	-

iv	road	1.000	16.000	3.650	0.100	0.000	5.840	-
Total Quantity					7.415 cum (cum)		7.415 Cum (Cubic Meter)	
Amount					7.415 X 6733.81948202		49931.27	
Total Amount							393509.06	
Addition								
Provision for Contingency (+) @							3935.09	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							4555.00	
Provision for survey investigation and quality control (+) @								
Total Addition							13490.09	
Grand Net Total Amount							406999.16	

Babun Kumar Sahu
JE
Kantamal Block

Jaya Mahanta
AEE
Kantamal Block

Samireddy Jayashree
BDO
Kantamal Block