

Detailed Estimate

OD/349/3331/116817/418120/00078981 : Constrn. Of Culvert with Gurudaspur Village road to Bandha road
Block : Kantamal, Gram Panchayat : Dapala
Created By:Subhashis Rath

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	Abutment	2.000	24.000	2.500	3.000	0.000	360.000	-
ii	wing wall	4.000	10.000	2.500	3.000	0.000	300.000	-
iii	Bed	1.000	24.000	5.000	1.000	0.000	120.000	-
iv	Cut off	2.000	5.000	1.500	2.000	0.000	30.000	-
Total Quantity					810 Cft (Cubic Foot)		22.936608 Cum (Cubic Meter)	
Amount					22.936608 X 240.77592		5522.58	
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	Abutment	2.000	24.000	2.500	0.500	0.000	60.000	-
ii	wing wall	4.000	10.000	2.500	0.500	0.000	50.000	-
iii	Bed	1.000	24.000	5.000	0.500	0.000	60.000	-
Total Quantity					170 Cft (Cubic Foot)		4.813856 Cum (Cubic Meter)	
Amount					4.813856 X 449.756232		2165.06	
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	Abutment	2.000	24.000	2.500	1.000	0.000	120.000	-
ii		2.000	24.000	2.000	5.500	0.000	528.000	-
iii	wing wall	4.000	10.000	2.500	1.000	0.000	100.000	-
iv		4.000	10.500	2.000	5.500	0.000	462.000	-
v	cut off	2.000	5.000	1.500	2.500	0.000	37.500	-
vi	Bed	1.000	24.000	5.000	0.500	0.000	60.000	-
Total Quantity					1307.5 Cft (Cubic Foot)		37.024216 Cum (Cubic Meter)	
Amount					37.024216 X 5233.89233216		193780.76	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Abutment	2.000	24.000	0.000	5.500	0.000	264.000	-
ii		2.000	20.000	0.000	5.500	0.000	220.000	-
iii	wing wall	4.000	12.500	0.000	5.500	0.000	275.000	-
iv		4.000	10.500	0.000	5.500	0.000	231.000	-
v		4.000	2.000	0.000	5.500	0.000	44.000	-
vi	Parapet	4.000	8.000	0.000	1.500	0.000	48.000	-
Total Quantity					1082 Sft (Square Foot)		100.521046 Sqm (Square Meter)	
Amount					100.521046 X 216.23489289764		21736.16	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	HYSD	0.000	0.000	0.000	0.000	6.000	6.000	-
Total Quantity						6 Qntl (Quintal)	6 Qntl (Quintal)	
Amount						6 X 8665.6714977	51994.03	

6. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Bed	1.000	24.000	5.000	0.330	0.000	39.600	-
ii	Parapet	2.000	8.000	1.000	1.500	0.000	24.000	-
Total Quantity						63.6 Cft (Cubic Foot)	1.80094848 Cum (Cubic Meter)	
Amount						1.80094848 X 6692.59490792	12053.02	

7. 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	Abutment cap	2.000	24.000	1.500	0.500	0.000	36.000	-
ii		2.000	24.000	0.500	1.000	0.000	24.000	-
Total Quantity						60 Cft (Cubic Foot)	1.699008 Cum (Cubic Meter)	
Amount						1.699008 X 5723.8757191897	9724.91	

8. R.C.C. Work (AR0404Ag) : 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 Roof slab, landing, balcony, sun shade)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab	1.000	24.000	7.000	1.000	0.000	168.000	-
Total Quantity					168 Cft (Cubic Foot)		4.7572224 Cum (Cubic Meter)	
Amount					4.7572224 X 12025.76012358		57209.22	

9. 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	2.000	152.000	13.000	0.330	0.000	1304.160	-
Total Quantity					1304.16 Cft (Cubic Foot)		36.929637888 Cum (Cubic Meter)	
Amount					36.929637888 X 988.68076867845		36511.62	

Total Amount (A) : 390697.36

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4000	-	4000
2	Display Citizen Board @ Rs.4802.5	-	4802.5
3	Any Other Lumpsum @ Rs.500	photo	500

Additional Components Amount (F) : 9302.5

Grand Total Amount (A + F) : 399999.85893306

**Subhashis Rath
JE
Kantamal Block**

**Jaya Mahanta
AEE
Kantamal Block**

**Samireddy Jayashree
BDO
Kantamal Block**