

Detailed Estimate

OD/359/3424/118903/417366/00065744 : Const. of Culvert at Tala Adivasi, sahi at Kirikuti
Block : Daringibadi, Gram Panchayat : Kirikuti
Created By:TUSHAR RANJAN SETHI

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	5.790	1.000	1.000	1.000	11.580	-
ii	wing wall	4.000	1.520	1.000	1.000	1.000	6.080	-
iii	Bed	1.000	5.790	1.210	0.300	0.000	2.102	-
Total Quantity					19.76177 cum (cum)		19.76177 Cum (Cubic Meter)	
Amount					19.76177 X 240.77592		4758.16	
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	5.790	1.000	0.100	1.000	1.158	-
ii	wing wall	4.000	1.520	1.000	0.100	1.000	0.608	-
iii	Bed	1.000	5.790	1.210	0.100	1.000	0.701	-
Total Quantity					2.46659 cum (cum)		2.46659 Cum (Cubic Meter)	
Amount					2.46659 X 579.298832		1428.89	
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	Abutment	2.000	5.790	0.760	1.350	1.000	11.881	-
ii	wing wall	4.000	1.520	0.760	1.350	1.000	6.238	-
iii	Bed	1.000	5.790	1.000	0.150	1.000	0.869	-
Total Quantity					18.98766 cum (cum)		18.98766 Cum (Cubic Meter)	
Amount					18.98766 X 5711.32077444		108444.62	

4. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	pear cape	2.000	5.790	0.600	0.150	1.000	1.042	-
ii	bed	1.000	5.790	1.520	0.250	1.000	2.200	-
Total Quantity					3.2424 cum (cum)		3.2424 Cum (Cubic Meter)	
Amount					3.2424 X 13099.918409841		42475.18	

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	pear cape	1.000	1.040	0.000	0.000	1.000	1.040	-
ii	slab	1.000	2.200	0.000	0.000	1.000	2.200	-
Total Quantity					3.24 Qntl (Quintal)		3.24 Qntl (Quintal)	
Amount					3.24 X 9552.907644		30951.42	

6. 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	4.000	5.790	0.000	1.350	0.000	31.266	-
ii	Wing Wall	8.000	1.520	0.000	1.350	0.000	16.416	-
iii	Bed	2.000	1.210	0.000	0.150	0.000	0.363	-
Total Quantity					48.045 Sqm (Sqm)		48.045 Sqm (Square Meter)	
Amount					48.045 X 216.55039071844		10404.16	

Total Amount (A) : 198462.43

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.2020	-	2020
2	Display Citizen Board @ Rs.1555	-	1555

Additional Components Amount (F) : 3575

Grand Total Amount (A + F) : 202037.4278153

TUSHAR RANJAN SETHI
JE
Daringibadi Block

SANJAYA KUMAR RATH
AEE
Daringibadi Block

PRITI RANJAN RATH
BDO
Daringibadi Block