

Detailed Estimate

OD/373/3587/121741/383857/00070184 : Construction of Culvert at Didiga to Tentuliguda Road
Block : Subdega, Gram Panchayat : Deogaon
Created By:ASIT PATEL

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	Abutment	2.000	6.100	1.200	1.200	0.000	17.568	-
ii	Wing Wall	4.000	2.000	1.200	1.200	0.000	11.520	-
iii	Bed	1.000	4.300	1.500	0.300	0.000	1.935	-
iv	Cut off	2.000	1.500	0.900	0.900	0.000	2.430	-
Total Quantity					33.453 cum (cum)		33.453 Cum (Cubic Meter)	
Amount					33.453 X 240.77592		8054.68	
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	Abutment	2.000	6.100	1.200	0.150	0.000	2.196	-
ii	Wing Wall	4.000	2.000	1.200	0.150	0.000	1.440	-
iii	Bed	1.000	4.300	1.500	0.150	0.000	0.968	-
iv	Wing Wall	4.000	2.500	1.200	0.150	0.000	1.800	-
v	cut off	2.000	1.500	0.900	0.150	0.000	0.405	-
Total Quantity					6.8085 cum (cum)		6.8085 Cum (Cubic Meter)	

Amount				6.8085 X 677.309232			4611.46	
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	Abutmen Baset	2.000	6.100	1.200	0.150	0.000	2.196	-
ii	upto GL	2.000	6.100	0.900	0.900	0.000	9.882	-
iii	upto top	2.000	6.100	0.650	1.850	0.000	14.671	-
iv	Wing wall	4.000	2.000	1.200	0.150	0.000	1.440	-
v	upto GL	4.000	2.000	0.900	0.900	0.000	6.480	-
vi	upto top	4.000	2.000	0.650	1.500	0.000	7.800	-
vii	Bed	1.000	4.300	1.500	0.150	0.000	0.968	-
viii	Cut off	2.000	1.500	0.750	0.600	0.000	1.350	-
Total Quantity					44.786 cum (cum)		44.786 Cum (Cubic Meter)	
Amount				44.786 X 6198.06624452			277586.59	
4. 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)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Slab	1.000	6.100	2.300	0.300	0.000	4.209	-
Total Quantity					4.209 cum (cum)		4.209 Cum (Cubic Meter)	
Amount				4.209 X 6397.8696253554			26928.63	

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	Taking 1.00 Qtl for 1.00 cum of RCC	1.000	4.209	0.000	0.000	0.000	4.209	-
Total Quantity					4.209 Qntl (Quintal)		4.209 Qntl (Quintal)	
Amount					4.209 X 8444.3792958		35542.39	

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Abutment	2.000	2.000	6.100	2.750	0.000	67.100	-
ii	Wing Wall	4.000	2.000	2.000	2.400	0.000	38.400	-
iii	Cut Off	2.000	2.000	1.500	0.600	0.000	3.600	-
Total Quantity					109.1 Sqm (Sqm)		109.1 Sqm (Square Meter)	
Amount					109.1 X 216.55039071844		23625.65	

7. R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas

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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof slab	1.000	6.100	1.500	0.000	0.000	9.150	-
ii		2.000	8.400	0.300	0.000	0.000	5.040	-

Total Quantity		14.1899999994 Sqm (Sqm)		14.1899999994 Sqm (Square Meter)				
Amount		14.1899999994 X 663.90898015022		9420.87				
8. 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	6.100	1.500	0.075	0.000	0.686	-
Total Quantity					0.68625 cum (cum)		0.68625 Cum (Cubic Meter)	
Amount					0.68625 X 7689.22551974		5276.73	
Total Amount							391047.00	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							3910.47	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							42.00	
Provision for survey investigation and quality control (+) @								
Total Addition							8952.47	
Grand Net Total Amount							399999.47	

ASIT PATEL
JE
Subdega Block

BINAY BHUSHAN DASH
AEE
Subdega Block

BDO Subdega
BDO
Subdega Block