

Detailed Estimate

OD/366/3517/120496/427961/00016375 : Const. of Culvert with road at Patraguda
Block : Nabarangpur, Gram Panchayat : Sanamosigam
Created By: S K MURSHID

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	4.500	2.500	1.500	0.000	16.875	-
ii	wall	4.000	1.000	0.500	1.500	0.000	3.000	-
iii	drain	1.000	15.000	1.200	1.000	0.000	18.000	-
Total Quantity					37.875 cum (cum)		37.875 Cum (Cubic Meter)	
Amount					37.875 X 240.77592		9119.39	
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	bed	0.000	4.500	2.500	0.150	0.000	1.688	-
ii	wall	4.000	1.000	0.500	0.150	0.000	0.300	-
iii	drain	1.000	15.000	1.200	0.100	0.000	1.800	-
Total Quantity					3.7875 cum (cum)		3.7875 Cum (Cubic Meter)	
Amount					3.7875 X 515.507232		1952.48	
3. 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	bed	0.000	4.500	2.500	0.100	0.000	1.125	-	
ii	main wall	2.000	3.500	0.500	1.200	0.000	4.200	-	
iii	side wall	4.000	1.000	0.500	1.500	0.000	3.000	-	
iv	parapet	2.000	2.000	0.300	0.300	0.000	0.360	-	
v	slab	1.000	4.500	2.500	0.150	0.000	1.688	-	
Total Quantity					10.3725 cum (cum)		10.3725 Cum (Cubic Meter)		
Amount					10.3725 X 5578.1579568616		57859.44		

4. 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	bed	0.000	4.500	2.500	0.100	0.000	1.125	-	
ii	wall	4.000	1.000	0.500	0.100	0.000	0.200	-	
iii	drain wall	2.000	15.000	0.300	1.000	0.000	9.000	-	
iv	drain bed	1.000	15.000	1.200	0.100	0.000	1.800	-	
Total Quantity					12.125 cum (cum)		12.125 Cum (Cubic Meter)		
Amount					12.125 X 5279.21385208		64010.47		

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	main wall	4.000	3.500	0.000	1.200	0.000	16.800	-
ii	side wall	8.000	1.000	0.000	1.500	0.000	12.000	-
iii	parapet	4.000	2.000	0.000	0.300	0.000	2.400	-
iv	drain wall	4.000	15.000	0.000	1.000	0.000	60.000	-

Total Quantity		91.2 Sqm (Sqm)		91.2 Sqm (Square Meter)				
Amount		91.2 X 216.39264180804		19735.01				
6. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab	0.000	4.500	0.000	2.500	0.000	11.250	-
Total Quantity		11.25 Sqm (Sqm)		11.25 Sqm (Square Meter)				
Amount		11.25 X 663.29946175911		7462.12				
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	steel	4.000	0.000	0.000	0.000	0.000	4.000	-
Total Quantity		4 Qntl (Quintal)		4 Qntl (Quintal)				
Amount		4 X 10418.6245485		41674.50				
Total Amount				201813.41				
Addition								
Provision for Contingency (+) @				186.00				
Display Citizen Board (+) @				3000.00				
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition				3186.00				
Grand Net Total Amount				204999.41				