

Detailed Estimate

OD/353/3360/117509/413756/00071224 : Construction of River bathing steps at karchabadi
Block : Mohona, Gram Panchayat : Karachabadi
Created By:Pradeepta Kumar Sethi

1. Earth Work (AR0103a) : Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift								
Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	15.000	0.230	0.230	0.000	1.587	-
ii	protection wall	1.000	20.200	0.750	0.750	0.000	11.363	-
iii	bathing step	15.000	2.600	0.400	0.150	0.000	2.340	-
iv	bathing	3.000	2.600	1.850	0.200	0.000	2.886	-
v	protection wall side filling	1.000	20.200	0.750	0.750	0.000	11.363	-
Total Quantity					29.538 cum (cum)		29.538 Cum (Cubic Meter)	
Amount					29.538 X 312.915372		9242.89	
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	road	1.000	15.000	3.300	0.100	0.000	4.950	-
ii	protection wall	1.000	22.200	0.600	0.100	0.000	1.332	-
Total Quantity					6.282 cum (cum)		6.282 Cum (Cubic Meter)	
Amount					6.282 X 756.897232		4754.83	
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	cutoff wall	2.000	15.000	0.230	0.250	0.000	1.725	-
ii	road	1.000	15.000	3.300	0.100	0.000	4.950	-
iii	protectionwall	1.000	20.200	0.600	0.150	0.000	1.818	-
iv	side wall	2.000	11.600	0.550	0.300	0.000	3.828	-
Total Quantity					12.321 cum (cum)		12.321 Cum (Cubic Meter)	
Amount					12.321 X 5669.04633362		69848.32	

4. 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	road	1.000	15.000	3.750	0.100	0.000	5.625	-
ii	bathig step	12.000	2.600	0.450	0.150	0.000	2.106	-
iii	bathing	3.000	2.600	1.700	0.150	0.000	1.989	-
Total Quantity					9.72 cum (cum)		9.72 Cum (Cubic Meter)	
Amount					9.72 X 7179.04030094		69780.27	

5. 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	protection wall	1.000	20.200	0.300	1.200	0.000	7.272	-

Total Quantity			7.272 cum (cum)				7.272 Cum (Cubic Meter)	
Amount			7.272 X 5903.5994767074				42930.98	
6. 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	7.270	0.000	1.200	0.000	8.724	-
Total Quantity					8.724 Qntl (Quintal)		8.724 Qntl (Quintal)	
Amount					8.724 X 8650.9087014		75470.53	
7. 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	cutoff wall	4.000	15.000	0.000	0.250	0.000	15.000	-
ii	protection wall	2.000	20.200	0.000	1.200	0.000	48.480	-
iii	side wall	4.000	11.600	0.000	0.300	0.000	13.920	-
iv	step	17.000	2.600	0.000	0.150	0.000	6.630	-
Total Quantity					84.03 Sqm (Sqm)		84.03 Sqm (Square Meter)	
Amount					84.03 X 216.55039071844		18196.73	
Total Amount							290224.55	
Addition								
Display Citizen Board (+) @							5000.00	

Any Other Lumpsum (+) @	2902.25
Provision for survey investigation and quality control (+) @	500.00
Provision for Contingency (+) @	1372.00
Total Addition	9774.25
Grand Net Total Amount	299998.79

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