

Detailed Estimate

OD/364/3484/120005/430269/00063756 : Construction of Gourd wall at MV-7 pond

Block : Malkangiri, Gram Panchayat : Tamasa

Created By: TAPAN KUMAR SAMAL

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	Foundation	1.000	30.500	1.500	0.900	0.000	41.175	-
ii	Pile trench	9.000	0.450	0.450	1.000	0.000	1.823	-
Total Quantity					42.9975 cum (cum)		42.9975 Cum (Cubic Meter)	
Amount					42.9975 X 240.77592		10352.76	
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	Foundation bed	1.000	30.500	1.500	0.100	0.000	4.575	-
ii	Pile bed	9.000	0.450	0.450	0.100	0.000	0.182	-
iii	Deduction	8.000	0.450	0.450	0.100	0.000	-	0.162
Total Quantity					4.59525 cum (cum)		4.59525 Cum (Cubic Meter)	
Amount					4.59525 X 515.507232		2368.88	
3. Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal								
Cement concrete (1:4:8) 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	Guard wall bed	1.000	30.500	1.500	0.150	0.000	6.863	-
ii	Guard Wall upto G.L	1.000	30.500	1.100	0.650	0.000	21.808	-
iii	Guard wall above G.L	1.000	30.500	0.750	1.350	0.000	30.881	-
iv	Pile bed	9.000	0.450	0.450	0.100	0.000	0.182	-
v	Deduction over lap portion	9.000	0.450	0.450	2.000	0.000	-	3.645
Total Quantity					56.0885 cum (cum)		56.0885 Cum (Cubic Meter)	
Amount					56.0885 X 4983.89629992		279539.27	
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	Pile	9.000	0.450	0.450	2.900	0.000	5.285	-
Total Quantity					5.28525 cum (cum)		5.28525 Cum (Cubic Meter)	
Amount					5.28525 X 5566.9267692038		29422.60	
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	1.50 times of Concrete	1.000	61.360	1.500	0.000	0.000	92.040	-
Total Quantity					92.04 Sqm (Sqm)		92.04 Sqm (Square Meter)	
Amount					92.04 X 216.39264180804		19916.78	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	12 mm Dia TR	9.000	6.000	2.900	0.890	0.000	139.374	-
ii	8 mm dia TR Stirrups	9.000	17.000	1.500	0.390	0.000	89.505	-
iii	8mm dia Jalli	1.000	150.000	1.500	0.390	0.000	87.750	-
iv	10mm dia TR	1.000	150.000	1.900	0.620	0.000	176.700	-
v	8mm dia TR longitudinal Bar	1.000	8.000	30.400	0.390	0.000	94.848	-
Total Quantity					588.177 Kg (Kilo Gram)		5.88177 Qntl (Quintal)	
Amount					5.88177 X 8934.2883		52549.43	
Total Amount							394149.72	
Addition								
Display Citizen Board (+) @							1908.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Provision for Contingency (+) @							3941.50	

Total Addition	5849.50
Grand Net Total Amount	399999.22

TAPAN KUMAR SAMAL
JE
Malkangiri Block

Er. ABHIJIT SETHI
AEE
Malkangiri Block

Tapan kumar senapati
BDO
Malkangiri Block