

Detailed Estimate

OD/353/3357/117448/414644/00067637 : Construction of bathing steps at mahendra tanaya river at dalimbapur
Block : Gosani, Gram Panchayat : Kerandi
Created By: SURENDRANATH MISHRA

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	2 Steps	2.000	2.500	4.000	2.000	0.000	40.000	-
ii		1.000	20.000	3.800	0.150	0.000	11.400	-
iii		1.000	20.000	0.300	0.200	0.000	1.200	-
iv		4.000	8.000	0.230	0.300	0.000	2.208	-
Total Quantity						54.808 cum (cum)	54.808 Cum (Cubic Meter)	
Amount						54.808 X 240.77592	13196.45	
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		2.000	8.000	4.000	0.100	0.000	6.400	-
ii		1.000	30.000	4.500	0.100	0.000	13.500	-
Total Quantity						19.9 cum (cum)	19.9 Cum (Cubic Meter)	
Amount						19.9 X 1019.901232	20296.03	
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	Cutt off Wall	2.000	30.000	0.300	0.600	0.000	10.800	-
ii	Step Cutoff	4.000	6.500	0.230	0.300	0.000	1.794	-
iii	Step Base	2.000	6.500	4.000	0.150	0.000	7.800	-
iv	Step	28.000	4.000	0.400	0.150	0.000	6.720	-
v	Parapet wall	4.000	6.500	0.300	0.450	0.000	3.510	-
Total Quantity					30.624 cum (cum)		30.624 Cum (Cubic Meter)	
Amount					30.624 X 5862.66954512		179538.39	

4. 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	Steps	2.000	14.000	4.000	0.150	0.000	16.800	-
ii	Parapet	2.000	2.000	6.500	0.460	0.000	11.960	-
Total Quantity					28.76 Sqm (Sqm)		28.76 Sqm (Square Meter)	
Amount					28.76 X 216.39264180804		6223.45	

5. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		0.000	30.000	3.800	0.000	0.000	114.000	-
Total Quantity					114 Sqm (Sqm)		114 Sqm (Square Meter)	
Amount					114 X 636.981		72615.83	

Total Amount (A) : 291870.16

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.5000	-	5000
2	Provision for Contingency @ 1%	-	2918.7015966831
Additional Components Amount (F) : 7918.7015966831			
Grand Total Amount (A + F) : 299788.861265			

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