

Detailed Estimate

OD/346/3305/116242/393134/00068320 : Const of culvert at Sama Sing shop
Block : Nilgiri, Gram Panchayat : K.P.Lakharaj
Created By:BAIDYANATH SINGH

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	Bed	1.000	5.500	5.600	1.650	0.000	50.820	-
ii	W.wall	4.000	2.500	0.600	0.600	0.000	3.600	-
iii	D/s	1.000	3.500	2.900	0.300	0.000	3.045	-
Total Quantity					57.465 cum (cum)		57.465 Cum (Cubic Meter)	
Amount					57.465 X 240.77592		13836.19	
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	Bed	1.000	5.500	5.600	0.150	0.000	4.620	-
ii	W.wall	4.000	2.500	0.600	0.150	0.000	0.900	-
iii	D/s	1.000	3.500	2.900	0.100	0.000	1.015	-
iv	Bed B/F	1.000	4.300	5.600	0.900	0.000	21.672	-
Total Quantity					28.207 cum (cum)		28.207 Cum (Cubic Meter)	
Amount					28.207 X 987.278232		27848.16	
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	w.wall	1.000	5.500	5.600	0.150	0.000	4.620	-
ii	wall	2.000	5.600	0.600	1.900	0.000	12.768	-
iii	W.wall	4.000	2.500	0.600	1.050	0.000	6.300	-
iv	D/S	1.000	3.500	2.900	0.100	0.000	1.015	-
v	Top bed	1.000	4.300	5.600	0.100	0.000	2.408	-
Total Quantity					27.111 cum (cum)		27.111 Cum (Cubic Meter)	
Amount					27.111 X 6296.62646226		170707.84	

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 specificaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	W.wall	4.000	2.500	0.600	0.100	0.000	0.600	-
ii	Parape wall	2.000	5.600	0.600	0.600	0.000	4.032	-
iii	D/s	1.000	3.500	2.900	0.100	0.000	1.015	-
iv	Top bed	1.000	4.300	5.600	0.100	0.000	2.408	-
Total Quantity					8.055 cum (cum)		8.055 Cum (Cubic Meter)	
Amount					8.055 X 7743.02507662		62370.07	

5. R.C.C. Work (AR0410b) : centering and shuttering fRigid and smooth or R.C.C. works including false works and dismantling them after casting

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. stairs excluding landing but including railing details for 5 Sqm

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off wall	4.000	5.600	1.900	0.000	0.000	42.560	-
ii	Parape wall	4.000	5.600	0.600	0.000	0.000	13.440	-
iii	W/wall	8.000	2.500	1.050	0.000	0.000	21.000	-

Total Quantity	77 Sqm (Sqm)	77 Sqm (Square Meter)
Amount	77 X 918.337198106	70711.96

Total Amount (A) : 345474.22

Additional Components			
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#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	3454.7421659749
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.46071	Cost of 4nos Hump pipe	46071

Additional Components Amount (F) : 54525.742165975
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Grand Total Amount (A + F) : 399999.95876347
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JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
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