

Detailed Estimate

OD/370/3553/121193/426262/00064615 : Construction of Protection wall at Langalpai

Block : Kolnara, Gram Panchayat : Badakhilapadar

Created By: Babulu Hembram

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	15.000	0.600	0.750	0.000	6.750	-
ii		1.000	10.000	0.600	0.750	0.000	4.500	-
Total Quantity					11.25 cum (cum)		11.25 Cum (Cubic Meter)	
Amount					11.25 X 240.77592		2708.73	
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	1.000	15.000	0.600	0.100	0.000	0.900	-
ii		1.000	10.000	0.600	0.100	0.000	0.600	-
Total Quantity					1.5 cum (cum)		1.5 Cum (Cubic Meter)	
Amount					1.5 X 778.511232		1167.77	
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	Foundation	1.000	15.000	0.600	0.650	0.000	5.850	-
ii		1.000	10.000	0.600	0.650	0.000	3.900	-
iii	Abv gl	1.000	15.000	0.600	0.750	0.000	6.750	-
iv		1.000	10.000	0.750	0.400	0.000	3.000	-
v	cc	1.000	11.000	3.500	0.100	0.000	3.850	-
vi		1.000	10.000	3.500	0.100	0.000	3.500	-
Total Quantity					26.85 cum (cum)		26.85 Cum (Cubic Meter)	
Amount					26.85 X 5482.40506224		147202.58	

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	cc	1.000	11.000	3.500	0.070	0.000	2.695	-
ii		1.000	10.000	3.500	0.070	0.000	2.450	-
Total Quantity					5.145 cum (cum)		5.145 Cum (Cubic Meter)	
Amount					5.145 X 6985.16857288		35938.69	

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	Wall	2.000	15.000	0.000	0.750	0.000	22.500	-
ii		2.000	10.000	0.000	0.400	0.000	8.000	-
iii		2.000	3.000	0.000	0.300	0.000	1.800	-
Total Quantity					32.3 Sqm (Sqm)		32.3 Sqm (Square Meter)	

Amount	32.3 X 918.337198106	29662.29
Total Amount		216680.06
Addition		
Provision for Contingency (+) @		2166.80
Display Citizen Board (+) @		1880.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Total Addition		4046.80
Grand Net Total Amount		220726.86

Babulu Hembram
JE
Kolnara Block

SAMEER KUMAR RATHA
AEE
Kolnara Block

SMT REENA PRADHAN
BDO
Kolnara Block