

Detailed Estimate

OD/348/3322/116584/394900/00126399 : CONSTRUCTION OF GUARD WALL AT BADA GADIA

Block : Basudevpur, Gram Panchayat : Artuna

Created By: SAMIR KUMAR MANNA

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	Wall trench	1.000	38.500	1.210	1.000	0.000	46.585	-
Total Quantity							46.585 cum (cum)	46.585 Cum (Cubic Meter)
Amount							46.585 X 245.98752	11459.33

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	Wall trench	1.000	38.500	1.210	0.120	0.000	5.590	-
Total Quantity							5.5902 cum (cum)	5.5902 Cum (Cubic Meter)
Amount							5.5902 X 1478.841192	8267.02

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	Base	1.000	38.500	1.210	0.150	0.000	6.988	-
ii	Wall	1.000	38.500	0.825	1.210	0.000	38.433	-
iii	Wall	1.000	38.500	0.450	0.450	0.000	7.796	-
Total Quantity							53.216625 cum (cum)	53.216625 Cum (Cubic Meter)

Amount	53.216625 X 6475.29342206	344593.26
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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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	38.500	0.000	1.670	0.000	64.295	-
ii	Wall	1.000	38.500	0.000	1.890	0.000	72.765	-
Total Quantity							137.06 Sqm (Sqm)	137.06 Sqm (Square Meter)
Amount							137.06 X 217.24489289764	29775.59

Total Amount (A) : 394095.19

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.4000	-	4000
2	Any Other Lumpsum @ Rs.2000	Vibrator charge	2000
3	Provision for survey investigation and quality control @ Rs.619	-	619
4	Provision for Contingency @ 1%	-	3940.95193478

Additional Components Amount (F) : 10559.95193478

Grand Total Amount (A + F) : 404655.14541278

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