

Detailed Estimate

OD/365/3512/120415/390996/00100399 : CONSTRUCTION OF IMPROVEMENT OF JAMUDIHA SCHOOL PLAY FIELD
Block : Udala, Gram Panchayat : Nuagaon
Created By: UGRASEN MALLIK

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	Drain bed	1.000	200.000	4.500	2.500	0.000	2250.000	-
Total Quantity					2250 Cft (Cubic Foot)		63.7128 Cum (Cubic Meter)	
Amount					63.7128 X 240.77592		15340.51	
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	Drain bed	1.000	200.000	4.500	0.500	0.000	450.000	-
Total Quantity					450 Cft (Cubic Foot)		12.74256 Cum (Cubic Meter)	
Amount					12.74256 X 1214.518132		15476.07	
3. 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	Wall	4.000	200.000	0.000	2.000	0.000	1600.000	-
Total Quantity					1600 Sft (Square Foot)		148.6448 Sqm (Square Meter)	
Amount					148.6448 X 216.39264180804		32165.64	

4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	Drain bed	1.000	200.000	4.500	0.370	0.000	333.000	-
ii	wall	2.000	200.000	1.000	2.000	0.000	800.000	-
Total Quantity					1133 Cft (Cubic Foot)		32.0829344 Cum (Cubic Meter)	
Amount					32.0829344 X 6273.1079598		201259.71	

5. 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 specification and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Bed	1.000	200.000	2.160	0.160	0.000	69.120	-
ii	wall	2.000	200.000	1.000	0.160	0.000	64.000	-
Total Quantity					133.12 Cft (Cubic Foot)		3.769532416 Cum (Cubic Meter)	
Amount					3.769532416 X 7996.8989776		30144.57	

Total Amount (A) : 294386.50

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.3000	-	3000
2	Display Citizen Board @ Rs.2613.49	-	2613.49

Additional Components Amount (F) : 5613.49

Grand Total Amount (A + F) : 299999.99024882

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