

Estimate Abstract

**OD/346/3305/116246/393255/00068143 : Development of Barapada playground
Block : Nilgiri, Gram Panchayat : Matiali
Created By: Bharat Singh**

Sl No	Quantity	Unit	Rate in (Rs.)	Amount (Rs.)
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			
	2.969299648	Cubic Meter	240.77592	714.93585450288
2	Pile Foundation : AR1501fa (Single under reamed pile foundation 250 mm dia and 3.0 metre long with RCC M20 using 12mm size black hard granite (Hand broken) stone chips) : Single under reamed pile foundation 250 mm dia and 3.0 metre long with RCC M-20 using 12mm size black hard granite (Hand broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (250mm dia and 3.0 meter long)			
	10	Number	2392.96499977	23929.6499977
3	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.			
	28.549461107798	Cubic Meter	895.226832	25558.243622841
4	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.			
	4.3873465744416	Cubic Meter	6324.54377126	27747.965449744
5	R.C.C. Work : AR0404Aa (Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)			
	1.5734703943232	Cubic Meter	6828.5634360367	10744.542402362
6	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			
	12.4393029268	Square Meter	216.23489289764	2689.8113360979

7	R.C.C. Work : AR0409 (Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.			
	1.57	Quintal	8657.3179493	13591.989180401
8	Masonry Brick Work : AR0603bi (Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure) : Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.			
	1.9856589664	Cubic Meter	5368.440816168	10659.892642212
9	Masonry Brick Work : AR0603b (Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth) : Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.			
	4.1137719947968	Cubic Meter	5335.110816168	21947.429464689
10	Plastering : AR1007 (12mm thick cement plaster (1:4) over brickwork in inside with cement punning and bitumen painting 1 coat over top of wall) : 12mm thick cement plaster (1:4) over brickwork in inside with cement punning and bitumen painting 1 coat over top of wall including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.			
	28.056706	Square Meter	255.9548497936	7181.2499699332
11	Earth Work : AR0102c (Earth work in hard soil or gravelly soil in embankment, roads etc. within 50m initial lead and 1.5m initial lift and Compaction H.R.R) : Earth work in hard soil or gravelly soil in embankment, roads etc. 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 specification approved by the Department alongwith proper compaction with H.R.R. (section measurement to be taken on the finished compacted section of the fill) as per direction of Engineer-in-Charge.			
	607.073114816	Cubic Meter	221.24973948	134314.76849835
12	miscellaneous : ARM209 (Labour for fitting and fixing in position steel cutting edge as per approved design using M.S. angle plates, bolts and nuts complete including cutting angles to required size, bending to shape, drilling holes, reverting and welding, etc. complete in all r) : Labour for fitting and fixing in position steel cutting edge as per approved design using M.S. angle plates, bolts and nuts complete including cutting angles to required size, bending to shape, drilling holes, reverting and welding, etc. complete in all respect but excluding cost of angles and plates. (Well Sinking)			
	2.776	Quintal	1213.36	3368.28736
Total Amount (A) : 282448.76577883				

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for PH Work @ Rs.36088	-	36088
2	Provision for Contingency @ Rs.3500	-	3500
3	Display Citizen Board @ Rs.5000	-	5000
4	Any Other Lumpsum @ Rs.22963	other excavation works etc	22963
Additional Components Amount (F) :			67551

Grand Total Amount (A + F) :	349999.76577883
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