

## Detailed Estimate

**OD/346/3305/116231/393265/00068449 : Const of Pokaghata and changing room near AWC Tank**  
**Block : Nilgiri, Gram Panchayat : Arbandh**  
**Created By:Ramesh Singh**

<b>1. Pile Foundation (AR1501ca) : Single under reamed pile foundation 250 mm dia and 3.0 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips</b>								
Single under reamed pile foundation 250 mm dia and 3.0 metre long with RCC M-20 using 12mm size black hard granite (Crusher 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)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	no of pile	0.000	0.000	0.000	22.000	0.000	22.000	-
<b>Total Quantity</b>					<b>22 Nos (Number)</b>		<b>22 Nos (Number)</b>	
<b>Amount</b>					<b>22 X 2460.12966142</b>		<b>54122.85</b>	
<b>2. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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	new ghata g.b area	1.000	90.660	1.000	0.660	0.000	59.836	-
ii	old ghata g.b	1.000	54.660	1.000	0.660	0.000	36.076	-
iii	pond side area	2.000	150.000	6.500	2.000	0.000	3900.000	-
iv	pond side area	2.000	120.000	5.500	1.500	0.000	1980.000	-
<b>Total Quantity</b>					<b>5975.9112 Cft (Cubic Foot)</b>		<b>169.21868226816 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>169.21868226816 X 240.77592</b>		<b>40743.78</b>	
<b>3. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								

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	new ghata g.b area	1.000	90.660	1.000	0.330	0.000	29.918	-
ii	old ghata G.b area	1.000	54.660	1.000	0.330	0.000	18.038	-
iii	new ghata inner	1.000	30.330	13.330	0.830	0.000	335.568	-
iv	old ghata inner	1.000	15.330	10.330	0.830	0.000	131.438	-
Total Quantity						514.961574 Cft (Cubic Foot)	14.582063898643 Cum (Cubic Meter)	
Amount						14.582063898643 X 1053.029232	15355.34	

#### 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	new ghata g.b area	1.000	90.660	1.000	0.330	0.000	29.918	-
ii	old ghata g.b area	1.000	54.660	1.000	0.330	0.000	18.038	-
iii	new ghata inner	1.000	30.330	13.330	0.330	0.000	133.419	-
iv	old ghata inner	1.000	15.330	10.330	0.330	0.000	52.258	-
Total Quantity						233.632674 Cft (Cubic Foot)	6.6157297031232 Cum (Cubic Meter)	
Amount						6.6157297031232 X 6157.46820776	40736.15	

#### 5. R.C.C. Work (AR0404Ab) : 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 Plinth band)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	new ghata g.b l/w	2.000	32.000	0.830	0.830	0.000	44.090	-
ii	s/w	2.000	13.330	0.830	0.830	0.000	18.366	-
iii	old ghata g.b l/w	2.000	12.000	0.830	0.830	0.000	16.534	-
iv	s/w	2.000	15.330	0.830	0.830	0.000	21.122	-
v	slab 1	1.000	32.000	15.000	0.330	0.000	158.400	-
vi	slab 2	1.000	12.000	17.000	0.330	0.000	67.320	-
Total Quantity						325.830948 Cft (Cubic Foot)	9.2264897883264 Cum (Cubic Meter)	
Amount						9.2264897883264 X 7594.6196171754	70071.68	

**6. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	two side wall	2.000	32.000	0.830	2.000	0.000	106.240	-
ii		2.000	12.000	0.830	2.000	0.000	39.840	-
iii	step	16.000	15.000	2.000	0.330	0.000	158.400	-
iv	step	6.000	17.000	2.000	0.330	0.000	67.320	-
Total Quantity						371.8 Cft (Cubic Foot)	10.52818624 Cum (Cubic Meter)	
Amount						10.52818624 X 7795.03265312	82067.56	

**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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	total m.s rod and pile rod	0.000	0.000	0.000	10.140	0.000	10.140	-
Total Quantity					10.14 Qntl (Quintal)		10.14 Qntl (Quintal)	
Amount					10.14 X 8638.4039318		87593.42	

**Total Amount (A) : 390690.77**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.5000	-	5000
2	Any Other Lumpsum @ Rs.309	-	309
3	Provision for Contingency @ Rs.4000	-	4000
Additional Components Amount (F) :			9309

**Grand Total Amount (A + F) : 399999.77305329**

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