

## Detailed Estimate

**OD/346/3305/116242/393132/00068330 : Construction of Anganwadi Boundary wall kpmahal**

**Block : Nilgiri, Gram Panchayat : K.P.Lakharaj**

**Created By:BAIDYANATH 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)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	22.000	0.000	0.000	0.000	22.000	-
<b>Total Quantity</b>					22 Nos (Number)		22 Nos (Number)	
<b>Amount</b>					22 X 2449.82374767		53896.12	
<b>2. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>								
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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	175.000	0.830	0.830	0.000	120.558	-
ii		22.000	0.830	0.830	5.000	0.000	75.779	-
iii		1.000	175.000	0.830	0.330	0.000	47.933	-
<b>Total Quantity</b>					244.269 Cft (Cubic Foot)		6.9169164192 Cum (Cubic Meter)	
<b>Amount</b>					6.9169164192 X 6462.1097143202		44697.87	
<b>3. 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</b>								

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		1.000	9.670	0.000	0.000	0.000	9.670	-
Total Quantity					9.67 Qntl (Quintal)		9.67 Qntl (Quintal)	
Amount					9.67 X 8644.7086043		83594.33	

**4. 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<sup>2</sup> with dimensional tolerance  $\pm 8$  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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	175.000	0.830	5.000	0.000	726.250	-
ii		1.000	175.000	0.830	0.250	0.000	36.313	-
iii		22.000	0.830	0.830	5.000	0.000	-	75.779
Total Quantity					686.7835 Cft (Cubic Foot)		19.4475110128 Cum (Cubic Meter)	
Amount					19.4475110128 X 5229.986602368		101710.22	

**5. 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		2.000	175.000	0.830	0.000	0.000	290.500	-
Total Quantity					290.5 Sft (Square Foot)		26.9883215 Sqm (Square Meter)	

<b>Amount</b>				26.9883215 X 216.23489289764			5835.82	
<b>6. R.C.C. Work (AR0410f) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting</b>								
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 in ground floor R.C.C. walls and fins including attached pilasters								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		22.000	3.330	5.000	0.000	0.000	366.300	-
Total Quantity					366.3 Sft (Square Foot)		34.0303689 Sqm (Square Meter)	
<b>Amount</b>				34.0303689 X 934.29150984209			31794.28	
<b>7. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside</b>								
12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	175.000	6.410	0.000	0.000	1121.750	-
Total Quantity					1121.75 Sft (Square Foot)		104.21394025 Sqm (Square Meter)	
<b>Amount</b>				104.21394025 X 174.0884909452			18142.45	
<b>8. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</b>								
16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	175.000	6.410	0.000	0.000	1121.750	-
Total Quantity					1121.75 Sft (Square Foot)		104.21394025 Sqm (Square Meter)	

<b>Amount</b>		104.21394025 X 249.188244542		25968.89				
<b>9. Painting (AR0918g) : Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside)</b>								
Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	104.210	1.000	0.000	0.000	104.210	-
ii		1.000	104.210	1.000	0.000	0.000	104.210	-
Total Quantity					208.42 Sqm (Sqm)		208.42 Sqm (Square Meter)	
<b>Amount</b>		208.42 X 156.89114311851		32699.25				
<b>Total Amount</b>		398339.24						
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @						1000.00		
Display Citizen Board (+) @						660.76		
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>						<b>1660.76</b>		
<b>Grand Net Total Amount</b>						<b>400000.00</b>		

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