

## Detailed Estimate

**OD/355/3389/118126/397978/00016895 : Repair & Maintenance of Ashrampatna Upper Pry. School**  
**Block : Jagatsinghpur, Gram Panchayat : Khairanga**  
**Created By:SANJU KISAN**

<b>1. Dismantling (AR1621) : Removing old grading plaster from roof</b>								
Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof	1.000	43.750	24.750	0.000	0.000	1082.810	-
Total Quantity					1082.8125 Sft (Square Foot)		100.5965296875 Sqm (Square Meter)	
<b>Amount</b>					<b>100.5965296875 X 77.77</b>		<b>7823.39</b>	
<b>2. Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)</b>								
4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in charge. (Old Work)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof	1.000	43.750	25.750	0.000	0.000	1126.560	-
Total Quantity					1126.5625 Sft (Square Foot)		104.6610359375 Sqm (Square Meter)	
<b>Amount</b>					<b>104.6610359375 X 787.4713382634</b>		<b>82417.57</b>	
<b>3. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside</b>								
12mm thick cement plaster (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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	2.000	13.000	0.000	6.830	0.000	177.580	-
ii		2.000	7.160	0.000	6.830	0.000	97.806	-
iii	Door	2.000	2.500	0.000	6.830	0.000	-	34.150

Total Quantity	241.2356 Sft (Square Foot)	22.4115109468 Sqm (Square Meter)
Amount	<b>22.4115109468 X 171.0209583756</b>	<b>3832.84</b>

**4. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)**

Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inside	4.000	20.000	0.000	10.500	0.000	840.000	-
ii		4.000	16.000	0.000	10.500	0.000	672.000	-
iii	Door	3.000	3.250	0.000	6.000	0.000	-	58.500
iv	Window	5.000	3.000	0.000	4.000	0.000	-	60.000
v	Ceiling	2.000	20.000	0.000	16.000	0.000	640.000	-
Total Quantity					2033.5 Sft (Square Foot)		188.9182505 Sqm (Square Meter)	
Amount					<b>188.9182505 X 71.83248932951</b>		<b>13570.47</b>	

**5. Painting (AR0901ai) : Priming one coat in outer surface with primer of approved quality over woodwork**

Priming one coat in outer surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Outside	2.000	42.750	0.000	10.500	0.000	897.750	-
ii		2.000	16.830	0.000	10.500	0.000	353.430	-
iii	Ver	2.000	42.750	0.000	3.000	0.000	256.500	-
iv		2.000	6.000	0.000	3.000	0.000	36.000	-
v		2.000	6.830	0.000	3.000	0.000	40.980	-
vi	Door	3.000	3.000	0.000	6.250	0.000	-	56.250
vii	Window	5.000	3.000	0.000	4.000	0.000	-	60.000

viii	Ver Ceiling	1.000	41.000	0.000	6.000	0.000	246.000	-
Total Quantity					1714.41 Sft (Square Foot)		159.27383223 Sqm (Square Meter)	
Amount					<b>159.27383223 X 70.08544099121</b>		<b>11162.78</b>	

**6. Painting (AR0921) : Finishing wall One Coat with distemper of approved shades on old work (Inside)**

Finishing wall One Coat with distemper of approved shades on old work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inside	4.000	20.000	0.000	10.500	0.000	840.000	-
ii		4.000	16.000	0.000	10.500	0.000	672.000	-
iii	Ceiling	2.000	20.000	0.000	16.000	0.000	640.000	-
iv		1.000	41.080	0.000	6.000	0.000	246.480	-
v	Door	3.000	3.000	0.000	6.250	0.000	-	56.250
vi	Window	5.000	3.000	0.000	4.000	0.000	-	60.000
Total Quantity					2282.23 Sft (Square Foot)		212.02601369 Sqm (Square Meter)	
Amount					<b>212.02601369 X 50.8572838842</b>		<b>10783.07</b>	

**7. Painting (AR0918fk) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) .**

Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Out side	2.000	42.750	0.000	10.500	0.000	897.750	-
ii		2.000	16.830	0.000	10.500	0.000	353.430	-
iii	Ver	1.000	42.750	0.000	3.000	0.000	128.250	-
iv		2.000	6.830	0.000	3.000	0.000	40.980	-
v		2.000	6.000	0.000	3.000	0.000	36.000	-

vi	Door	3.000	3.000	0.000	6.250	0.000	-	56.250
vii	WSindow	5.000	3.000	0.000	4.000	0.000	-	60.000
Total Quantity					1340.16 Sft (Square Foot)		124.50488448 Sqm (Square Meter)	
Amount					124.50488448 X 89.1305342875		11097.19	

**8. Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor**

Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	1.000	6.500	5.500	0.000	0.000	35.750	-
ii		1.000	4.500	5.500	0.000	0.000	24.750	-
Total Quantity					60.5 Sft (Square Foot)		5.6206315 Sqm (Square Meter)	
Amount					5.6206315 X 1213.1180421644		6818.49	

**9. Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753)**

Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	2.000	6.500	0.000	6.830	0.000	88.790	-
ii		2.000	5.500	0.000	6.830	0.000	75.130	-
iii		2.000	5.500	0.000	6.830	0.000	75.130	-
iv		2.000	4.500	0.000	6.830	0.000	61.470	-
v		2.000	2.500	0.000	6.830	0.000	-	34.150
Total Quantity					266.37 Sft (Square Foot)		24.74657211 Sqm (Square Meter)	

<b>Amount</b>					<b>24.74657211 X 886.975347736</b>	<b>21949.60</b>		
<b>10. Iron Work (AR1704) : Iron Doors and windows fixing</b>								
Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door	2.000	49.000	0.000	0.000	0.000	98.000	-
Total Quantity					98 Kg (Kilo Gram)		0.98 Qntl (Quintal)	
<b>Amount</b>					<b>0.98 X 16256.194035087</b>		<b>15931.07</b>	
<b>Total Amount</b>							<b>185386.45</b>	
<b>Addition</b>								
Provision for PH Work (+) @							11759.00	
Provision for EI Work (+) @								
Provision for Contingency (+) @							1853.86	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @							0.00	
<b>Total Addition</b>							<b>14612.86</b>	
<b>Grand Net Total Amount</b>							<b>199999.32</b>	