

## Detailed Estimate

**OD/365/3487/120060/390399/00063634 : REPAIR AND MAINTENANCE OF SORISAKOTHA AWC-1**

**Block : Badasahi, Gram Panchayat : Salgaon**

**Created By: SUSHIL KUMAR SING**

<b>1. Dismantling (AR1613) : Removing old lime or cement plaster</b>								
Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Class room- inside	1.000	0.550	0.000	0.450	0.000	0.248	-
ii		1.000	0.400	0.000	0.650	0.000	0.260	-
iii		1.000	0.550	0.000	0.500	0.000	0.275	-
iv	Ceilling	1.000	0.300	0.000	0.250	0.000	0.075	-
v		1.000	0.350	0.000	0.200	0.000	0.070	-
vi		1.000	0.350	0.000	0.150	0.000	0.053	-
vii	Kitchem room- inside	1.000	0.650	0.000	0.550	0.000	0.358	-
viii		1.000	0.450	0.000	0.400	0.000	0.180	-
ix	Ceilling	1.000	0.450	0.000	0.350	0.000	0.158	-
x		1.000	0.500	0.000	0.250	0.000	0.125	-
xi	Store room	1.000	0.300	0.000	0.550	0.000	0.165	-
xii		1.000	0.500	0.000	0.400	0.000	0.200	-
xiii	Ceilling	1.000	0.500	0.000	0.300	0.000	0.150	-
xiv		1.000	0.450	0.000	0.350	0.000	0.158	-
xv	Class room- Outside	2.000	8.900	0.000	0.250	0.000	4.450	-

xvi		2.000	6.750	0.000	0.250	0.000	3.375	-
xvii	Window-chajja	3.000	1.350	0.000	0.900	0.000	3.645	-
xviii	front Chajja	1.000	8.550	0.000	0.950	0.000	8.123	-
xix	Carnice	2.000	15.650	0.000	0.250	0.000	7.825	-
xx	Wall	1.000	1.800	0.000	1.350	0.000	2.430	-
xxi		1.000	1.350	0.000	1.250	0.000	1.688	-
xxii		1.000	1.200	0.000	1.150	0.000	1.380	-
xxiii		1.000	1.100	0.000	0.550	0.000	0.605	-
xxiv		1.000	0.900	0.000	0.650	0.000	0.585	-
xxv		1.000	0.750	0.000	0.450	0.000	0.338	-
xxvi		1.000	0.550	0.000	0.350	0.000	0.193	-
xxvii	Plinth	1.000	5.650	0.000	0.150	0.000	0.848	-
Total Quantity					37.955 Sqm (Sqm)		37.955 Sqm (Square Meter)	
Amount					37.955 X 50.174193548387		1904.36	
<b>2. Dismantling (AR1620) : Dismantling and removing 2.5 cm thick grading concrete from roof</b>								
Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Class room	1.000	8.900	0.000	6.750	0.000	60.075	-
Total Quantity					60.075 Sqm (Sqm)		60.075 Sqm (Square Meter)	
Amount					60.075 X 112.89193548387		6781.98	
<b>3. Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring</b>								
Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Class room	1.000	6.050	0.000	3.650	0.000	22.083	-
ii	Door bottom	1.000	1.050	0.000	0.250	0.000	0.263	-
iii	Kitchen-floor	1.000	1.650	0.000	3.650	0.000	6.023	-
iv		1.000	1.050	0.000	0.250	0.000	0.263	-
v	Vr.	1.000	6.300	0.000	2.050	0.000	12.915	-
Total Quantity					41.545 Sqm (Sqm)		41.545 Sqm (Square Meter)	
Amount					41.545 X 100.34838709677		4168.97	
<b>4. Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips</b>								
2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specifaion and direction of Engineer-in charge. (new work)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Qty.Ref item no(2)	1.000	0.000	0.000	60.080	0.000	60.080	-
Total Quantity					60.08 Sqm (Sqm)		60.08 Sqm (Square Meter)	
Amount					60.08 X 388.016016336		23312.00	
<b>5. 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	Qty.Ref itm no(1)	1.000	0.000	0.000	37.960	0.000	37.960	-
Total Quantity					37.96 Sqm (Sqm)		37.96 Sqm (Square Meter)	
Amount					37.96 X 264.49029681		10040.05	

**6. Flooring (AR0817aak) : Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)(For repair and maintenance) .**

Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados, skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles(For repair and maintenance).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Qty. Ref item no(3)	1.000	0.000	0.000	37.550	0.000	37.550	-
Total Quantity					37.55 Sqm (Sqm)		37.55 Sqm (Square Meter)	
Amount					37.55 X 1546.103758101		58056.20	

**7. Flooring (AR0817bk) : 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)(For repair and maintenance)**

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(For repair and maintenance) .

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Dadoes	2.000	9.700	0.000	0.150	0.000	2.910	-
ii	Kitchen	2.000	5.300	0.000	0.150	0.000	1.590	-
iii	Vr	1.000	6.300	0.000	0.150	0.000	0.945	-
iv	Column pillar	3.000	1.250	0.000	0.150	0.000	0.563	-
v	Door	4.000	1.050	0.000	0.150	0.000	-	0.630
Total Quantity					5.3775 Sqm (Sqm)		5.3775 Sqm (Square Meter)	
Amount					5.3775 X 914.769711456		4919.17	

**8. 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	Class room	2.000	9.700	0.000	3.000	0.000	58.200	-
ii	Cross beam	1.000	3.650	0.000	0.500	0.000	1.825	-
iii	Ceilling	1.000	6.050	0.000	3.650	0.000	22.083	-
iv	Vr	1.000	6.300	0.000	1.800	0.000	11.340	-
v	Vr-inside	2.000	7.800	0.000	1.050	0.000	16.380	-
vi		1.000	6.300	0.000	3.000	0.000	18.900	-
vii	Column pillar	3.000	1.250	0.000	1.950	0.000	7.313	-
viii	Kitchen-inside	2.000	5.300	0.000	3.000	0.000	31.800	-
ix	Ceilling	1.000	1.650	0.000	3.650	0.000	6.023	-
x	Store-inside	2.000	3.700	0.000	3.000	0.000	22.200	-
xi	Ceilling	1.000	1.650	0.000	3.650	0.000	6.023	-
xii	Outside	1.000	8.600	0.000	3.150	0.000	27.090	-
xiii		2.000	6.450	0.000	3.200	0.000	41.280	-
xiv		1.000	2.150	0.000	3.200	0.000	6.880	-
xv		1.000	6.300	0.000	1.050	0.000	6.615	-
xvi	Chajja-windows	3.000	1.050	0.000	0.950	0.000	2.993	-
xvii	Carnice	2.000	15.650	0.000	0.250	0.000	7.825	-
xviii	Chajja-front	1.000	8.550	0.000	0.950	0.000	8.123	-
xix	Dadoes	2.000	5.300	0.000	0.150	0.000	-	1.590
xx		2.000	3.700	0.000	0.150	0.000	-	1.110
xxi		3.000	1.880	0.000	0.200	0.000	-	1.128
xxii		4.000	0.250	0.000	0.250	0.000	-	0.250

xxiii	Balapaainting	2.000	1.300	0.000	1.300	0.000	-	3.380
xxiv		2.000	1.600	0.000	0.750	0.000	-	2.400
xxv	Door	3.000	1.050	0.000	1.950	0.000	-	6.143
xxvi	Windows	4.000	0.950	0.000	1.200	0.000	-	4.560
Total Quantity					282.3295 Sqm (Sqm)		282.3295 Sqm (Square Meter)	
Amount					282.3295 X 71.85266428151		20286.13	

**9. Painting (AR0920ak) : Finishing wall two coats with plastic emulsion paint of approved shades with one coat oilbound Primer on new work (Inside)(For repair and maintenance).**

Finishing wall two coats with plastic emulsion paint of approved shades with one coat oilbound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge(Inside)(For repair and maintenance).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Qty.Ref item no-(9)	1.000	0.000	0.000	217.766	0.000	217.766	-
Total Quantity					217.766 Sqm (Sqm)		217.766 Sqm (Square Meter)	
Amount					217.766 X 166.17166301378		36186.54	

**10. Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface**

Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty 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	Windows	4.000	1.050	1.200	2.750	0.000	13.860	-
ii	Door	3.000	1.050	1.950	2.250	0.000	13.821	-
Total Quantity					27.680625 Sqm (Sqm)		27.680625 Sqm (Square Meter)	
Amount					27.680625 X 230.38645018253		6377.24	

**11. Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over brick work in inside.**

20mm thick cement Plaster in CM (1:4) over stone 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	Roof slab	8.900	0.000	6.750	0.000	0.000	60.075	-
Total Quantity					60.075 Sqm (Sqm)		60.075 Sqm (Square Meter)	
Amount					60.075 X 290.757669608		17467.27	
Total Amount							189499.92	
<b>Addition</b>								
Provision for PH Work (+) @							0.00	
Provision for EI Work (+) @							31000.00	
Provision for Contingency (+) @							2500.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							24000.08	
Provision for survey investigation and quality control (+) @								
Total Addition							60500.08	
Grand Net Total Amount							250000.00	

**SUSHIL KUMAR SING**  
JE  
Badasahi Block

**SEETA HANSDAH**  
AEE  
Badasahi Block

**BANAJA DAS**  
BDO  
Badasahi Block