

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Nilgiri	Gram Panchayat	Chatrapur

Work Code	OD/346/3305/116235/393304/00065363 (Repair and restoration of Bhalukaposi AWC building)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Nilgiri	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Severe Cyclonic Storm DANA 2024	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	AWC	Project Type	Repair and Maintenance
Name of Executant			

### Administrative Approval Details

Approval No.	
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### Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	200000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<b>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.	Sqm	76.1125	50.174193548387	3818.8833064516

2	<p><b>Plastering (AR1004) : First Floor - 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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b></p>	Sqm	76.12	180.964269844	13775.000220525
3	<p><b>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - 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.</b></p>	Sqm	53.9525	100.34838709677	5414.0463548385

4	<p><b>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&amp;P required for the work etc. complete as per specification and direction of Engineer-in charge. (new work)</p>	Sqm	53.9525	369.162093634	19917.217856788
5	<p><b>Dismantling (AR1612) : First floor -</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.</p>	Sqm	40.3525	105.36580645161	4251.7737048386

6	<p style="text-align: center;"><b>Flooring (AR0816a) :</b></p> <p><b>Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1 -</b></p> <p>Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm 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 marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	Sqm	40.3525	1464.763742007	59106.878899337
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7	<p style="text-align: center;"><b>Flooring (AR0817aa) :</b>  <b>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) -</b>  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.</p>	Sqm	5.5575	1543.923025691	8580.3522152777
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8	<p style="text-align: center;"><b>R.C.C. Work (AR0409) :</b>  <b>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.</p>	Qntl	3.936	8440.5169649	33221.874773846
9	<p style="text-align: center;"><b>Painting (AR0903ik) :</b>  <b>Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . -</b>  Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in- charge.(Outside)(F or repair and maintenance).</p>	Sqm	136.3975	167.04571075081	22784.617332134

10	<p style="text-align: center;"><b>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></p> <p>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)</p>	Sqm	77.37	156.94134032051	12142.551500598
<b>Total Amount (in Rs.): 183013.19616464</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p><b>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.</p>	-	76.1125	Sqm
i	Un-Skilled	0.10752688172043	8.1841397849462	-

2	<b>Plastering (AR1004) : First Floor - 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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b>	-	76.12	Sqm
i	Un-Skilled	0.1236	9.408432	-
ii	Skilled	0.1442	10.976504	-
3	<b>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - 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.</b>	-	53.9525	Sqm
i	Un-Skilled	0.21505376344086	11.602688172043	-

4	<p><b>Concrete (AR0317) :</b>  <b>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&amp;P required for the work etc. complete as per specification and direction of Engineer-in-charge. (new work)</p>	-	53.9525	Sqm
i	Un-Skilled	0.36	19.4229	-
ii	Highly-Skilled	0.1	5.39525	-
5	<p><b>Dismantling (AR1612) : First floor -</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.</p>	-	40.3525	Sqm
i	Un-Skilled	0.2258064516129	9.1118548387097	-

6	<p><b>Flooring (AR0816a) : Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1</b></p> <p>- Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm 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 marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	40.3525	Sqm
i	Un-Skilled	0.216	8.71614	-
ii	Highly-Skilled	0.216	8.71614	-
iii	Semi-Skilled	0.55	22.193875	-

7	<p><b>Flooring (AR0817aa)</b>  <b>: 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) -</b>          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.</p>	-	5.5575	Sqm
i	Highly-Skilled	0.325	1.8061875	-
ii	Un-Skilled	0.325	1.8061875	-
iii	Semi-Skilled	0.76	4.2237	-

8	<p><b>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.</p>	-	3.936	Qntl
i	Un-Skilled	0.8	3.1488	-
ii	Highly-Skilled	0.3	1.1808	-
iii	Semi-Skilled	0.044	0.173184	-
9	<p><b>Painting (AR0903ik) : Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . -</b>  Painting two coats of enamel paint in outer surface paint 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).</p>	-	136.3975	Sqm
i	Highly-Skilled	0.13709677419355	18.699657258065	-

	ii	Un-Skilled	0.12064516129032	16.455698387097	-
10		<b>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)	-	77.37	Sqm
	i	Un-Skilled	0.11776344086022	9.1113574193548	-
	ii	Highly-Skilled	0.10776344086022	8.3376574193548	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	96.968198102151	462	44799.307523194
2	Skilled	10.976504	562	6168.795248
3	Highly-Skilled	44.135692177419	612	27011.043612581
4	Semi-Skilled	26.590759	512	13614.468608
<b>Total:</b>				<b>91593.614991774</b>

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Dismantling (AR1613)</b> :.Removing old lime or cement plaster - 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.	-	76.1125	Sqm
2	<b>Plastering (AR1004)</b> :.First Floor - 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.	-	76.12	Sqm
i)	<b>BRM340</b> : Cement	0.0358	2.725096	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1.1418	1 Cum
3	<b>Dismantling (AR1612)</b> :.Dismantling and removing 2.5 cm. thick artificial stone flooring - 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.	-	53.9525	Sqm

4	<b>Concrete (AR0317)</b> :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 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)	-	53.9525	Sqm
i)	<b>BRM340</b> : Cement	0.1208	6.517462	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0169	0.91179725	1 Cum
iii)	<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	0.91179725	1 Cum.
5	<b>Dismantling (AR1612)</b> :.First floor - 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.	-	40.3525	Sqm

6	<p><b>Flooring (AR0816a)</b>  <b>:.Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1</b>  - Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm 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 marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	40.3525	Sqm
i)	<b>BRM118</b> : Marble Tiles of minimum 16 mm thick, dunguri Variety (Above 0.10 Sqm. to 0.40 Sqm)	1	40.3525	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	40.3525	1 Sqm
iii)	<b>BRM340</b> : Cement	0.2737	11.04447925	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.5245825	1 Cum

7	<p><b>Flooring (AR0817aa)</b>  <b>:.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) -</b>  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.</p>	-	5.5575	Sqm
i)	<p><b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)</p>	1	5.5575	1 Sqm.
ii)	<p><b>BRMMR0027</b> : Wax Polish</p>	1	5.5575	1 Sqm
iii)	<p><b>BRM340</b> : Cement</p>	0.1375	0.76415625	1 Qntl.
iv)	<p><b>BRM028</b> : Screened and washed sharp sand for mortar</p>	0.015	0.0833625	1 Cum

8	<p><b>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></p> <p>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.</p>	-	3.936	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	3.1488	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	4.1328	1 Qntl.
9	<p><b>Painting(AR0903ik) :.Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . -</b></p> <p>Painting two coats of enamel paint in outer surface paint 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).</p>	-	136.3975	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125	17.0496875	1 Litre

10	<b>Painting(AR0918g)</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 .(Outside) - 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)	-	77.37	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	9.67125	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	6.49908	1 Ltr

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	21.0511935	1 Qntl.	579.822	12205.945117557
2	<b>BRM028</b>	2.66154225	1 Cum	678.39	1805.5636469775
3	<b>BRM064</b>	0.91179725	1 Cum.	1686.07	1537.3539893075
4	<b>BRM118</b>	40.3525	1 Sqm.	699.0058341	28206.63292052
5	<b>BRMMR0027</b>	45.91	1 Sqm	8.5	390.235
6	<b>BRM131</b>	5.5575	1 Sqm.	672.1358341	3735.3948980108
7	<b>BRM162</b>	3.1488	1 Kg.	90	283.392
8	<b>BRM341</b>	4.1328	1 Qntl.	6228.632	25741.6903296
9	<b>BRM141</b>	17.0496875	1 Litre	206.00402	3512.3041647438
10	<b>BRM255</b>	9.67125	1 Ltr	195.45402	1890.284690925
11	<b>BRM252</b>	6.49908	1 Ltr	126.16402	819.9500591016
<b>Total: 80128.746816743</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	2.66154225	1 Cum	442.25	1177.0670600625
2	<b>BRM064</b>	0.91179725	1 Cum.	522.5	476.414063125
3	<b>BRM118</b>	40.3525	1 Sqm.	29.44	1187.9776

Total: 2841.4587231875

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2000	Rs. 2000
2	Display Citizen Board @ Rs. 1500	Rs. 1500
3	Any Other Lumpsum @ Rs. 13486	Rs. 13486
		<b>Total Addition Component Amount (in Rs.): 16986</b>

**Total Net Amount (in Rs.): 199999.19616464**