

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasore	<b>Block</b>	Nilgiri	<b>Gram Panchayat</b>	Bhaunriabad

<b>Work Code</b>	OD/346/3305/116234/393276/00064613 (repair and restoration of Tulasidiha awc building)
<b>Project Category</b>	Building

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

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	200000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<b>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.	Sqm	61.8	100.34838709677	6201.5303225804

2	<p><b>Dismantling (AR1620) :</b>  <b>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.</p>	Sqm	33.6	112.89193548387	3793.169032258
3	<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 specificaion and direction of Engineer-in charge. (new work)</p>	Sqm	33.6	365.547657134	12282.401279702

4	<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	61.8	1448.986764812	89547.382065382
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5	<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	7.275	1528.569348586	11120.342010963
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6	<p style="text-align: center;"><b>Painting (AR0920a) :</b>  <b>Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside)</b>  - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound 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)</p>	Sqm	197.555	163.80317921951	32360.13707071
7	<p style="text-align: center;"><b>Painting (AR0918g) :</b>  <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) -</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)</p>	Sqm	122.7235	156.91624171951	19257.310390664

8	<p align="center"><b>Painting (AR0903k) :</b>  <b>Painting two coats of enamel paint in inner surface paint (Inner surface)(For repair and maintenance).</b> -  Painting two coats of enamel paint in inner surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)</p>	Sqm	24.151875	167.03069962581	4034.1045785251
<b>Total Amount (in Rs.): 178596.37675079</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p><b>Dismantling (AR1612) :</b>  <b>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.</p>	-	61.8	Sqm
i	Un-Skilled	0.21505376344086	13.290322580645	-

2	<b>Dismantling (AR1620) : Dismantling and removing 2.5 cm thick grading concrete from roof - 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.</b>	-	33.6	Sqm
i	Un-Skilled	0.24193548387097	8.1290322580645	-
3	<b>Concrete (AR0317) : 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&amp;P required for the work etc. complete as per specification and direction of Engineer-in charge. (new work)</b>	-	33.6	Sqm
i	Un-Skilled	0.36	12.096	-
ii	Highly-Skilled	0.1	3.36	-

4	<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>	-	61.8	Sqm
i	Un-Skilled	0.216	13.3488	-
ii	Highly-Skilled	0.216	13.3488	-
iii	Semi-Skilled	0.55	33.99	-

5	<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>	-	7.275	Sqm
i	Highly-Skilled	0.325	2.364375	-
ii	Un-Skilled	0.325	2.364375	-
iii	Semi-Skilled	0.76	5.529	-

6	<p><b>Painting (AR0920a) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) -</b>          Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound 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)</p>	-	197.555	Sqm
i	Highly-Skilled	0.10776344086022	21.28920655914	-
ii	Un-Skilled	0.11776344086022	23.26475655914	-
7	<p><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)</p>	-	122.7235	Sqm
i	Un-Skilled	0.11776344086022	14.452341634409	-

	ii	Highly-Skilled	0.10776344086022	13.225106634409	-
8		<b>Painting (AR0903k) : Painting two coats of enamel paint in inner surface paint (Inner surface)(For repair and maintenance). - Painting two coats of enamel paint in inner surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)</b>	-	24.151875	Sqm
	i	Highly-Skilled	0.13709677419355	3.3111441532258	-
	ii	Un-Skilled	0.12064516129032	2.9138068548387	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	89.859434887097	462	41515.058917839
2	Highly-Skilled	56.898632346774	612	34821.962996226
3	Semi-Skilled	39.519	512	20233.728
<b>Total:</b>				<b>96570.749914065</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<b>Dismantling (AR1612)</b> : <b>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.	-	61.8	Sqm
2	<b>Dismantling (AR1620)</b> : <b>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.	-	33.6	Sqm
3	<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&P required for the work etc. complete as per specification and direction of Engineer-in charge. (new work)	-	33.6	Sqm
i)	<b>BRM340</b> : Cement	0.1208	4.05888	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0169	0.56784	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	0.56784	1 Cum.

4	<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>	-	61.8	Sqm
i)	<b>BRM118</b> : Marble Tiles of minimum 16 mm thick, dunguri Variety (Above 0.10 Sqm. to 0.40 Sqm)	1	61.8	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	61.8	1 Sqm
iii)	<b>BRM340</b> : Cement	0.2737	16.91466	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.8034	1 Cum

5	<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>	-	7.275	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	7.275	1 Sqm.
ii)	<p><b>BRMMR0027</b> : Wax Polish</p>	1	7.275	1 Sqm
iii)	<p><b>BRM340</b> : Cement</p>	0.1375	1.0003125	1 Qntl.
iv)	<p><b>BRM028</b> : Screened and washed sharp sand for mortar</p>	0.015	0.109125	1 Cum

6	<b>Painting(AR0920a)</b> <b>∴Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) -</b> Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound 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)	-	197.555	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	24.694375	1 Litre
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	16.59462	1 Ltr
7	<b>Painting(AR0918g)</b> <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) -</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)	-	122.7235	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	15.3404375	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	10.308774	1 Ltr

8	Painting(AR0903k) :.Painting two coats of enamel paint in inner surface paint (Inner surface)(For repair and maintenance). - Painting two coats of enamel paint in inner surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)	-	24.151875	Sqm
i)	BRM141 : Enamel paint	0.125	3.018984375	1 Litre

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	21.9738525	1 Qntl.	573.877	12610.288551143
2	BRM028	1.480365	1 Cum	483.09	715.14952785
3	BRM064	0.56784	1 Cum.	1712.11	972.2045424
4	BRM118	61.8	1 Sqm.	687.5511111	42490.65866598
5	BRMMR0027	69.075	1 Sqm	8.5	587.1375
6	BRM131	7.275	1 Sqm.	660.6811111	4806.4550832525
7	BRM140	24.694375	1 Litre	249.88512	6170.7568602
8	BRM252	26.903394	1 Ltr	126.04512	3391.0415251373
9	BRM255	15.3404375	1 Ltr	195.33512	2996.526199915
10	BRM141	3.018984375	1 Litre	205.88512	621.563960325
<b>Total: 75361.782416202</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	1.480365	1 Cum	442.25	654.69142125
2	BRM064	0.56784	1 Cum.	522.5	296.6964
3	BRM118	61.8	1 Sqm.	29.44	1819.392
<b>Total: 2770.77982125</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 18403	Rs. 18403

2	Provision for Contingency @ Rs. 2000	Rs. 2000
3	Display Citizen Board @ Rs. 1000	Rs. 1000
<b>Total Addition Component Amount (in Rs.): 21403</b>		

**Total Net Amount (in Rs.): 199999.37675079**