

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Mayurbhanj	<b>Block</b>	Bahalda	<b>Gram Panchayat</b>	Gambharia

<b>Work Code</b>	OD/365/3488/120073/387546/00067634 (Repair & Restoration of Bhaludihi AWC building)
<b>Project Category</b>	Building

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Bahalda	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	SFC Devolution of Fund	<b>Scheme Component Name</b>	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
<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>	14036
<b>Fund Sanction Amount (in Rs.)</b>	202038

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<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>	Sqm	54.27857775	112.89193548387	6127.6136975092

2	<p style="text-align: center;"><b>Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)</b></p> <p>- 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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (Old Work)</p>	Sqm	54.27857775	748.399866165	40622.080323727
3	<p><b>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring -</b></p> <p>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	39.483775	100.34838709677	3962.1331377418

4	<p style="text-align: center;"><b>Concrete (AR0304) :</b>  <b>Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal -</b>  Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	3.9714312	5184.511194	20589.929512601
5	<p><b>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 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 &amp; P required for the work etc. comp.and as per direction of Engineer-in- charge.</b></p>	Sqm	219.57159535	171.97196371	37760.158427277

6	<p><b>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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	Sqm	90.13913575	246.65147885	22232.951134998
7	<p><b>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) -</b>  Finishing wall two coats with plastic emulsion paint of approved shades on new 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)</p>	Sqm	8.37427642	94.7706419375	793.63555208547

8	<p style="text-align: center;"><b>Painting (AR0918cb) :</b>  <b>Finishing wall two coats with weather coat with one coat waterbound Primer -</b> Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	Sqm	74.955533945	160.74632751492	12048.826808579
9	<p style="text-align: center;"><b>Painting (AR0903i) :</b>  <b>Painting two coats of enamel paint in outer surface paint (outer surface) -</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)</p>	Sqm	22.7670414375	164.24574000202	3739.3895685588

10	<p style="text-align: center;"><b>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory -</b></p> <p>Supplying, fitting &amp; fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&amp;P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	Sqm	39.483775	1016.222452137	40124.298650126
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11	<p><b>Flooring (AR0817ac) :</b>  <b>Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm in dados skirting and risers of steps on 12mm thick cement plaster (1:3) -</b>          Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm 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	3.86290674	1466.149589772	5663.5991321785
<b>Total Amount (in Rs.): 193664.61594538</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<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>	-	54.27857775	Sqm

	i	Un-Skilled	0.24193548387097	13.131913971774	-
2		<b>Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (Old Work)</b>	-	54.27857775	Sqm
	i	Un-Skilled	1.008	54.712806372	-
	ii	Highly-Skilled	0.165	8.95596532875	-
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>	-	39.483775	Sqm
	i	Un-Skilled	0.21505376344086	8.4911344086022	-

4	<p><b>Concrete (AR0304) :</b>  <b>Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal -</b>  Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	3.9714312	Cum
i	Un-Skilled	3.9	15.48858168	-
ii	Skilled	0.18	0.714857616	-
5	<p><b>Plastering (AR1004) :</b>  <b>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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	219.57159535	Sqm
i	Un-Skilled	0.12	26.348591442	-
ii	Skilled	0.14	30.740023349	-

6	<p><b>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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	90.13913575	Sqm
i	Un-Skilled	0.24	21.63339258	-
ii	Skilled	0.16	14.42226172	-
7	<p><b>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)</b> - Finishing wall two coats with plastic emulsion paint of approved shades on new 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)</p>	-	8.37427642	Sqm
i	Highly-Skilled	0.054	0.45221092668	-
ii	Un-Skilled	0.064	0.53595369088	-

8	<b>Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer -</b> Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	74.955533945	Sqm
i	Un-Skilled	0.11776344086022	8.8270215888778	-
ii	Highly-Skilled	0.10776344086022	8.0774662494279	-
9	<b>Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) -</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)	-	22.7670414375	Sqm
i	Highly-Skilled	0.13440860215054	3.0600862147177	-
ii	Un-Skilled	0.11827956989247	2.6928758689516	-

10	<b>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory</b> - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	39.483775	Sqm
i	Un-Skilled	0.216	8.5284954	-
ii	Highly-Skilled	0.216	8.5284954	-

11	<p><b>Flooring (AR0817ac)</b>  <b>: Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm in dados skirting and risers of steps on 12mm thick cement plaster (1:3) -</b> Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm 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>	-	3.86290674	Sqm
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i	Highly-Skilled	0.325	1.2554446905	-
ii	Un-Skilled	0.325	1.2554446905	-
iii	Semi-Skilled	0.76	2.9358091224	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	161.64621169359	462	74680.549802437
2	Highly-Skilled	30.329668810076	612	18561.757311766
3	Skilled	45.877142685	562	25782.95418897
4	Semi-Skilled	2.9358091224	512	1503.1342706688

**Total: 120528.39557384**

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Dismantling (AR1620)</b> .: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.	-	54.27857775	Sqm
2	<b>Concrete (AR0318)</b> .:4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 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 specificaion and direction of Engineer-in charge. (Old Work)	-	54.27857775	Sqm
i)	<b>BRM340</b> : Cement	0.1287	6.985652956425	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	0.9770143995	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.	0.018	0.9770143995	1 Cum.
iv)	<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.018	0.9770143995	1 Cum.

3	<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.	-	<b>39.483775</b>	Sqm
4	<b>Concrete (AR0304)</b> : <b>Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal</b> - Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering 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.	-	<b>3.9714312</b>	Cum
i)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.812573952	1 Cum.
ii)	<b>BRM340</b> : Cement	1.72	6.830861664	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1.906286976	1 Cum
5	<b>Plastering (AR1004)</b> : <b>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.	-	<b>219.57159535</b>	Sqm

i)	<b>BRM340</b> : Cement	0.0358	7.86066311353	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	3.29357393025	1 Cum
6	<b>Plastering (AR1014)</b> :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 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.	-	<b>90.13913575</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	3.87598283725	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1.6225044435	1 Cum
7	<b>Painting(AR0920)</b> :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new 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)	-	<b>8.37427642</b>	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	1.0467845525	1 Litre

8	<b>Painting(AR0918cb)</b> :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	<b>74.955533945</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	9.369441743125	1 Ltr
ii)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	6.7701772595484	1 Ltr
9	<b>Painting(AR0903i)</b> :.Painting two coats of enamel paint in outer surface paint (outer surface) - 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)	-	<b>22.7670414375</b>	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125	2.8458801796875	1 Litre
10	<b>Other Building Items. (AR1901B)</b> :.Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	<b>39.483775</b>	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.30007669	1Qntl

ii)	<b>BRM340</b> : Cement	0.1074	4.240557435	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	0.829159275	1 Cum
iv)	<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)	1	39.483775	1 Sqm.
11	<b>Flooring (AR0817ac) :.Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm 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.</b>	-	<b>3.86290674</b>	Sqm
i)	<b>BRM133</b> : Tiles up to Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm	1	3.86290674	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	3.86290674	1 Sqm
iii)	<b>CON026</b> : cement (Other way)	0.1375	0.53114967675	1000 kg
iv)	<b>BRM340</b> : Cement	0.1375	0.53114967675	1 Qntl.
v)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.0579436011	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	30.324867682955	1 Qntl.	647.055	19621.857258594
2	BRM028	8.68648262535	1 Cum	564.2	4900.9134972225
3	BRM064	0.9770143995	1 Cum.	1412.65	1380.1793914537
4	BRM056	0.9770143995	1 Cum.	1959.07	1914.0395996285
5	BRM044	3.812573952	1 Cum.	1557.7	5938.8464450304
6	BRM140	1.0467845525	1 Litre	249.73055	261.41408202733
7	BRM255	9.369441743125	1 Ltr	195.18055	1828.7327926161
8	BRM253	6.7701772595484	1 Ltr	159.42055	1079.3053823147
9	BRM141	2.8458801796875	1 Litre	205.73055	585.48449460121
10	BRM174	0.30007669	1Qntl	2056.235	617.02819266215
11	BRM131	39.483775	1 Sqm.	664.6084447	26241.250293635
12	BRM133	3.86290674	1 Sqm.	591.8784447	2286.3712332923
13	BRMMR0027	3.86290674	1 Sqm	8.5	32.83470729
14	CON026	0.53114967675	1000 kg	0	0
<b>Total: 66688.257370368</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	8.68648262535	1 Cum	40.25	349.63092567034
2	BRM064	0.9770143995	1 Cum.	149.5	146.06365272525
3	BRM056	0.9770143995	1 Cum.	149.5	146.06365272525
4	BRM044	3.812573952	1 Cum.	149.5	569.979805824
<b>Total: 1211.7380369448</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 4000	Rs. 4000
2	Display Citizen Board @ Rs. 3500	Rs. 3500
3	Any Other Lumpsum @ Rs. 873	Rs. 873
<b>Total Addition Component Amount (in Rs.): 8373</b>		

**Total Net Amount (in Rs.): 202037.61594538**