

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Bahalda	Gram Panchayat	Bhitaramda

Work Code	OD/365/3488/120072/387531/00067633 (Repairing of AWC building at Dalsora)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Bahalda	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	AWC	Project Type	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
---------------------	--

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	14036
Fund Sanction Amount (in Rs.)	202038

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	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.	Sqm	58.52889	112.89193548387	6607.4396738225

2	<p style="text-align: center;">Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)</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&P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (Old Work)</p>	Sqm	58.52889	744.303499479	43563.257647621
3	<p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring -</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	52.6388398	100.34838709677	5282.2226725753

4	<p style="text-align: center;">Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - 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.</p>	Cum	5.2946186304	5079.3865964	26893.414904303
5	<p style="text-align: center;">Other Building Items. (AR1901B) : 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)</p>	Sqm	53.7536758	1016.476858411	54639.367505227

6	<p style="text-align: center;">Flooring (AR0817aa) : 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) - 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	4.3939031268	1539.873790756	6766.0562640802
---	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----	--------------	----------------	-----------------

7	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 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.</p>	Sqm	22.52711944	171.491473986	3863.2089174243
8	<p>Plastering (AR1014) : 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.</p>	Sqm	94.83445337	246.07479511	23336.368682392

9	<p style="text-align: center;">Painting (AR0920) : 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)</p>	Sqm	100.28	94.775145275	9504.051568177
10	<p style="text-align: center;">Painting (AR0918cb) : 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)</p>	Sqm	72.77556505	160.75408487694	11698.969361015

11	<p align="center">Painting (AR0903i) : 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)</p>	Sqm	29.5896055	164.25024333952	4860.0999036954
Total Amount (in Rs.): 197014.45710033					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>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.</p>	-	58.52889	Sqm
i	Un-Skilled	0.24193548387097	14.160215322581	-

2	<p>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&P required for the work etc. complete as per specifaion and direction of Engineer-in-charge. (Old Work)</p>	-	58.52889	Sqm
i	Un-Skilled	1.008	58.99712112	-
ii	Highly-Skilled	0.165	9.65726685	-
3	<p>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.</p>	-	52.6388398	Sqm
i	Un-Skilled	0.21505376344086	11.320180602151	-

4	<p>Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - 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.</p>	-	5.2946186304	Cum
	i Un-Skilled	3.9	20.64901265856	-
	ii Skilled	0.18	0.953031353472	-
5	<p>Other Building Items. (AR1901B) : 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)</p>	-	53.7536758	Sqm
	i Un-Skilled	0.216	11.6107939728	-

	ii	Highly-Skilled	0.216	11.6107939728	-
6		Flooring (AR0817aa) : 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) - 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.	-	4.3939031268	Sqm
	i	Highly-Skilled	0.325	1.42801851621	-
	ii	Un-Skilled	0.325	1.42801851621	-
	iii	Semi-Skilled	0.76	3.339366376368	-

7	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 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.</p>	-	22.52711944	Sqm
i	Un-Skilled	0.12	2.7032543328	-
ii	Skilled	0.14	3.1537967216	-
8	<p>Plastering (AR1014) : 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.</p>	-	94.83445337	Sqm
i	Un-Skilled	0.24	22.7602688088	-
ii	Skilled	0.16	15.1735125392	-

9	<p>Painting (AR0920) : 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)</p>	-	100.28	Sqm
i	Highly-Skilled	0.054	5.41512	-
ii	Un-Skilled	0.064	6.41792	-
10	<p>Painting (AR0918cb) : 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)</p>	-	72.77556505	Sqm
i	Un-Skilled	0.11776344086022	8.5703009508344	-
ii	Highly-Skilled	0.10776344086022	7.8425453003344	-

11	Painting (AR0903i) : 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)	-	29.5896055	Sqm
i	Highly-Skilled	0.13440860215054	3.9770975134409	-
ii	Un-Skilled	0.11827956989247	3.499845811828	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	162.11693209656	462	74898.022628612
2	Highly-Skilled	39.930842152785	612	24437.675397505
3	Skilled	19.280340614272	562	10835.551425221
4	Semi-Skilled	3.339366376368	512	1709.7555847004
Total:				111881.00503604

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	58.52889	Sqm

2	<p>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&P required for the work etc. complete as per specification and direction of Engineer-in-charge. (Old Work)</p>	-	58.52889	Sqm
i)	BRM340 : Cement	0.1287	7.532668143	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.05352002	1 Cum
iii)	BRM064 : 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	1.05352002	1 Cum.
iv)	BRM056 : 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	1.05352002	1 Cum.
3	<p>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.</p>	-	52.6388398	Sqm

4	<p>Concrete (AR0304) :.Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - 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.</p>	-	5.2946186304	Cum
i)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	5.082833885184	1 Cum.
ii)	BRM340 : Cement	1.72	9.106744044288	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.48	2.541416942592	1 Cum
5	<p>Other Building Items. (AR1901B) :.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)</p>	-	53.7536758	Sqm
i)	BRM174 : White Cement.	0.0076	0.40852793608	1Qntl
ii)	BRM340 : Cement	0.1074	5.77314478092	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.1288271918	1 Cum

iv)	BRM131 : 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	53.7536758	1 Sqm.
6	Flooring (AR0817aa) :.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) - 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.	-	4.3939031268	Sqm
i)	BRM131 : 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	4.3939031268	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	4.3939031268	1 Sqm
iii)	BRM340 : Cement	0.1375	0.604161679935	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.065908546902	1 Cum

7	Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside - 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.	-	22.52711944	Sqm
i)	BRM340 : Cement	0.0358	0.806470875952	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.3379067916	1 Cum
8	Plastering (AR1014) :.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.	-	94.83445337	Sqm
i)	BRM340 : Cement	0.043	4.07788149491	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.70702016066	1 Cum

9	Painting(AR0920) :.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)	-		100.28	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125		12.535	1 Litre
10	Painting(AR0918cb) :.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)	-		72.77556505	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125		9.09694563125	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161		6.5732768432258	1 Ltr
11	Painting(AR0903i) :.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)	-		29.5896055	Sqm
i)	BRM141 : Enamel paint	0.125		3.6987006875	1 Litre

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	27.901071019005	1 Qntl.	644.677	17987.178761319

2	BRM028	6.834599653554	1 Cum	538.16	3678.1081495566
3	BRM064	1.05352002	1 Cum.	1321.51	1392.2372416302
4	BRM056	1.05352002	1 Cum.	1867.93	1967.9016509586
5	BRM044	5.082833885184	1 Cum.	1466.56	7454.2808626554
6	BRM174	0.40852793608	1Qntl	2065.747	843.91535837345
7	BRM131	58.1475789268	1 Sqm.	665.5902781	38702.463228731
8	BRMMR0027	4.3939031268	1 Sqm	8.5	37.3481765778
9	BRM140	12.535	1 Litre	249.76622	3130.8195677
10	BRM255	9.09694563125	1 Ltr	195.21622	1775.8713396781
11	BRM253	6.5732768432258	1 Ltr	159.45622	1048.1498784343
12	BRM141	3.6987006875	1 Litre	205.76622	761.06765937828
Total: 78779.341874992					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	6.834599653554	1 Cum	40.25	275.09263605555
2	BRM064	1.05352002	1 Cum.	149.5	157.50124299
3	BRM056	1.05352002	1 Cum.	149.5	157.50124299
4	BRM044	5.082833885184	1 Cum.	149.5	759.88366583501
Total: 1349.9787878706					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2023	Rs. 2023
2	Display Citizen Board @ Rs. 2500	Rs. 2500
3	Any Other Lumpsum @ Rs. 500	Rs. 500
Total Addition Component Amount (in Rs.): 5023		

Total Net Amount (in Rs.): 202037.45710033