

ESTIMATION DPR							
State	Odisha	District	Nabarangpur	Block	Nabarangpur	Gram Panchayat	Sindhigam

Work Code	OD/366/3517/120497/427967/00065197 (Repair and maintenance of AWC Semalguda)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Nabarangpur	Proposal Date	16-10-2025
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	Renovation or Rejuvenation
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	28365
Fund Sanction Amount (in Rs.)	180000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;">Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	4.2	515.507232	2165.1303744
2	<p style="text-align: center;">Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) 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	4.2	5186.6441928	21783.90560976

3	<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) - 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	57.67	729.389250144	42063.878055804
4	<p style="text-align: center;">Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneo us) 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in- charge.</p>	Sqm	48.535	1048.935692001	50910.093811269

5	<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>	Sqm	43.47	112.89193548387	4907.4124354838
6	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section 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 specificaion and direction of Engineer-in charge.</p>	Cum	2.94	6715.6892326	19744.126343844

7	<p style="text-align: center;">Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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	88.2	78.8505283	6954.61659606
8	<p style="text-align: center;">Painting (AR0901ci) : Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface) - Priming one coat with outer surface primer of approved quality oil-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.</p>	Sqm	88.2	68.99284786751	6085.1691819144

9	<p style="text-align: center;">Painting (AR0918Ai) : Finishing wall one coat with weather coat -</p> <p>Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.</p>	Sqm	88.2	57.09560199	5035.832095518
Total Amount (in Rs.): 159650.16450405					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</p> <p>Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	4.2	Cum
i	Un-Skilled	0.1236	0.51912	-

2	<p>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) 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>	-	4.2	Cum
i	Skilled	0.18	0.756	-
ii	Un-Skilled	3.9	16.38	-
3	<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>	-	57.67	Sqm
i	Un-Skilled	1.008	58.13136	-

	ii	Highly-Skilled	0.165	9.51555	-
4		<p>Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.</p>	-	48.535	Sqm
	i	Un-Skilled	0.216	10.48356	-
	ii	Highly-Skilled	0.216	10.48356	-
5		<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>	-	43.47	Sqm
	i	Un-Skilled	0.24193548387097	10.516935483871	-

6	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section 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.</p>	-	2.94	Cum
i	Un-Skilled	4.6	13.524	-
ii	Skilled	0.68	1.9992	-
7	<p>Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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>	-	88.2	Sqm
i	Highly-Skilled	0.052	4.5864	-
ii	Un-Skilled	0.062	5.4684	-

8	Painting (AR0901ci) : Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface) - Priming one coat with outer surface primer of approved quality oil-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.	-	88.2	Sqm
i	Highly-Skilled	0.053763440860215	4.741935483871	-
ii	Un-Skilled	0.053763440860215	4.741935483871	-
9	Painting (AR0918Ai) : Finishing wall one coat with weather coat - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	88.2	Sqm
i	Un-Skilled	0.043	3.7926	-
ii	Highly-Skilled	0.036	3.1752	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	123.55791096774	462	57083.754867097
2	Skilled	2.7552	562	1548.4224

3	Highly-Skilled	32.502645483871	612	19891.619036129
				Total: 78523.796303226

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	4.2	Cum
i)	BRM029 : Sand for filling and road blinding	1	4.2	1 Cum
2	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) 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.	-	4.2	Cum
i)	BRM340 : Cement	2.29	9.618	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	2.016	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	4.032	1 Cum.

3	<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>	-	57.67	Sqm
i)	BRM340 : Cement	0.1287	7.422129	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.03806	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	1.03806	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	1.03806	1 Cum.

4	<p>Other Building Items. (AR1901Ba) :.Vitrified Tile 600mmx600mm Coloured /Printed - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.</p>	-	48.535	Sqm
i)	<p>BRM132 : 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 Coloured / Printed series(Homogeneous)</p>	1	48.535	1 Sqm.
ii)	<p>BRM174 : White Cement.</p>	0.0076	0.368866	1Qntl
iii)	<p>BRM340 : Cement</p>	0.1074	5.212659	1 Qntl.
iv)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.021	1.019235	1 Cum
5	<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>	-	43.47	Sqm

6	<p>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section 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.</p>	-	2.94	Cum
i)	BRM340 : Cement	3.23	9.4962	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.323	1 Cum
iii)	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)	0.9	2.646	1 Cum.
7	<p>Painting(AR0922) :.Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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>	-	88.2	Sqm
i)	BRM142 : Distemper	0.25	22.05	1 Kg.

8	Painting(AR0901ci) :.Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface) - Priming one coat with outer surface primer of approved quality oil-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.	-	88.2	Sqm
i)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	7.4088	1 Ltr
9	Painting(AR0918Ai) :.Finishing wall one coat with weather coat - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	88.2	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.075	6.615	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	4.2	1 Cum	413.05	1734.81
2	BRM340	31.748988	1 Qntl.	591.732	18786.892167216
3	BRM028	5.396295	1 Cum	417.24	2251.5501258
4	BRM044	4.032	1 Cum.	1336.36	5388.20352
5	BRM064	1.03806	1 Cum.	1191.31	1236.6512586
6	BRM056	3.68406	1 Cum.	1737.73	6401.9015838
7	BRM132	48.535	1 Sqm.	706.9975001	34314.123667354
8	BRM174	0.368866	1Qntl	2047.912	755.405107792
9	BRM142	22.05	1 Kg.	70.40732	1552.481406
10	BRM252	7.4088	1 Ltr	125.80732	932.081272416
11	BRM255	6.615	1 Ltr	195.09732	1290.5687718

Total: 74644.668880778

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	4.2	1 Cum	40.25	169.05
2	BRM028	5.396295	1 Cum	40.25	217.20087375
3	BRM044	4.032	1 Cum.	149.5	602.784
4	BRM064	1.03806	1 Cum.	149.5	155.18997
5	BRM056	3.68406	1 Cum.	149.5	550.76697
Total: 1694.99181375					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 8500	Rs. 8500
2	Provision for EI Work @ Rs. 9000	Rs. 9000
3	Provision for Contingency @ Rs. 349.8	Rs. 349.8
4	Display Citizen Board @ Rs. 2500	Rs. 2500
Total Addition Component Amount (in Rs.): 20349.8		

Total Net Amount (in Rs.): 179999.96450405