

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Chatrapur	Gram Panchayat	Laxmipur

Work Code	OD/354/3369/117683/412144/00014365 (Improvement of AWC-3 at Gobindapur)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Chatrapur	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	Upgradation or Improvement
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.)	201919

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	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.	Sqm	54	97.204301075269	53258934.539176

2	<p>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	54	1660.866603901	53258934.539176
3	<p>Dismantling (AR1621) : Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	70	75.3333333333333	53258934.539176

4	<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>	Sqm	153	80.8851733	53258934.539176
5	<p>Flooring (AR0811i) : Brickwork with K.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:8)on edge flooring over one brick - Brickwork with K.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:8)on edge flooring over one brick flat set having crushing strength not less than 75.00 Kg/cm² immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Sqm	46575	1143.509061496	53258934.539176
Total Amount (in Rs.): 53371519.132893					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<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>	-	54	Sqm
i	Un-Skilled	0.21505376344086	11.612903225806	-
2	<p>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>	-	54	Sqm
i	Highly-Skilled	0.325	17.55	-
ii	Un-Skilled	0.325	17.55	-

	iii	Semi-Skilled	0.76	41.04	-
3		Dismantling (AR1621) : Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	70	Sqm
	i	Un-Skilled	0.166666666666667	11.6666666666667	-
4		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)	-	153	Sqm
	i	Highly-Skilled	0.052	7.956	-
	ii	Un-Skilled	0.062	9.486	-

5	<p>Flooring (AR0811i) : Brickwork with K.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:8)on edge flooring over one brick - Brickwork with K.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:8)on edge flooring over one brick flat set having crushing strength not less than 75.00 Kg/cm² immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in- charge.</p>	-	46575	Sqm
i	Un-Skilled	0.6324	29454.03	-
ii	Highly-Skilled	0.0665	3097.2375	-
iii	Skilled	0.1995	9291.7125	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	29504.345569892	452	13335964.197591
1	Highly-Skilled	3122.7435	602	1879891.587
2	Semi-Skilled	41.04	502	20602.08
3	Skilled	9291.7125	552	5129025.3
Total:				20365483.164591

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	54	Sqm
2	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.	-	54	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 Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	54	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	54	1 Sqm
iii)	BRM340 : Cement	0.1375	7.425	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.81	1 Cum

3	Dismantling (AR1621) :.Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface,lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	70	Sqm
4	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)	-	153	Sqm
i)	BRM142 : Distemper	0.25	38.25	1 Kg.
5	Flooring (AR0811i) :.Brickwork with K.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:8)on edge flooring over one brick - Brickwork with K.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:8)on edge flooring over one brick flat set having crushing strength not less than 75.00 Kg/cm ² immerging the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	46575	Sqm
i)	BRM004 : K.B. bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 8 percent.	95	4424625	1000 Nos
ii)	BRM340 : Cement	0.1015	4727.3625	1 Qntl.

iii)	BRM028 : Screened and washed sharp sand for mortar	0.06	2794.5	1 Cum
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM131	54	1 Sqm.	662.3175001	35765.1450054
2	BRMMR0027	54	1 Sqm	8.5	459
3	BRM340	4734.7875	1 Qntl.	630.212	2983919.89995
4	BRM028	2795.31	1 Cum	732.84	2048514.9804
5	BRM142	38.25	1 Kg.	70.40732	2693.07999
6	BRM004	4424625	1000 Nos	5.4835	24262431.1875

Total: 29333783.292845

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	54	Sqm

2	<p>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>	-	54	Sqm
i)	<p>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)</p>	1	54	1 Sqm.
ii)	<p>BRM340 : Cement</p>	0.1375	7.425	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.81	1 Cum
3	<p>Dismantling (AR1621) :.Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	70	Sqm

4	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)	-	153	Sqm
i)	BRM142 : Distemper	0.25	38.25	1 Kg.
5	Flooring (AR0811i) :.Brickwork with K.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:8)on edge flooring over one brick - Brickwork with K.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:8)on edge flooring over one brick flat set having crushing strength not less than 75.00 Kg/cm2 immerging the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	46575	Sqm
i)	BRM004 : K.B. bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 8 percent.	95	4424625	1000 Nos
ii)	BRM340 : Cement	0.1015	4727.3625	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.06	2794.5	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2795.31	1 Cum	774.25	2164268.7675
2	BRM004	4424625	1000 Nos	0.04025	178091.15625
Total: 2342359.92375					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ 10%	Rs. 9050.3335331807
2	Provision for Contingency @ 1%	Rs. 905.03335331807
3	Display Citizen Board @ Rs. 1000	Rs. 1000
4	Any Other Lumpsum @ Rs. 12501.5	Rs. 12501.5
Total Addition Component Amount (in Rs.): 23456.866886499		

Total Net Amount (in Rs.): 53394975.99978