

ESTIMATION DPR							
State	Odisha	District	Kandhamal	Block	G.Udayagiri	Gram Panchayat	Mallikapadi

Work Code	OD/359/3425/118918/415830/00065798 (Repair of AWC at Sirki)						
Project Category	Building						

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, G.Udayagiri	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.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	100000

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;">Masonry</p> <p>Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent 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>	Cum	4.7413685316	5173.989255592	24531.7898393
2	<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	22.58936445	177.4649859488	4008.8212447116

3	<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	12.1238415	253.241344848	3070.257926184
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4	<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	6.14646248	1538.309507301	9455.1616692529
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5	<p style="text-align: center;">Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory -</p> <p>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	16.483314775	1019.0136358594	16796.722519888
6	<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) -</p> <p>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	139.53566085	68.99284786751	9626.9626211165

7	<p 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	363.6409226	57.09560199	20762.297384046
8	<p align="center">Painting (AR0904) : Painting one coat of enamel on old wood work inner surface paint -</p> <p>Painting one coat of enamel on old wood work inner surface paint including all costs of labour, Paint, Primer and brushes and required for the work etc. complete and as per direction of Engineer-in-charge.</p>	Sqm	12.30500235	106.56901029645	1311.331922135
9	<p align="center">Iron Work (AR1701) : Labour for hoisting joints, trusses and placing in position -</p> <p>Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.</p>	Qntl	2	1174.1051181102	2348.2102362204
Total Amount (in Rs.): 91911.555362854					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent 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>	-	4.7413685316	Cum
	i Un-Skilled	2.96	14.034450853536	-
	ii Skilled	1.05	4.97843695818	-
	iii Highly-Skilled	0.35	1.65947898606	-
2	<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>	-	22.58936445	Sqm

	i	Un-Skilled	0.12	2.710723734	-
	ii	Skilled	0.14	3.162511023	-
3		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.	-	12.1238415	Sqm
	i	Un-Skilled	0.24	2.90972196	-
	ii	Skilled	0.16	1.93981464	-

4	<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>	-	6.14646248	Sqm
i	Highly-Skilled	0.325	1.997600306	-
ii	Un-Skilled	0.325	1.997600306	-
iii	Semi-Skilled	0.76	4.6713114848	-

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>	-	16.483314775	Sqm
i	Un-Skilled	0.216	3.5603959914	-
ii	Highly-Skilled	0.216	3.5603959914	-
6	<p>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>	-	139.53566085	Sqm
i	Highly-Skilled	0.053763440860215	7.50191725	-
ii	Un-Skilled	0.053763440860215	7.50191725	-

7	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.	-	363.6409226	Sqm
i	Un-Skilled	0.043	15.6365596718	-
ii	Highly-Skilled	0.036	13.0910732136	-
8	Painting (AR0904) : Painting one coat of enamel on old wood work inner surface paint - Painting one coat of enamel on old wood work inner surface paint including all costs of labour, Paint, Primer and brushes and required for the work etc. complete and as per direction of Engineer-in-charge.	-	12.30500235	Sqm
i	Un-Skilled	0.088172043010753	1.0849571964516	-
ii	Highly-Skilled	0.080645161290323	0.99233889919355	-
9	Iron Work (AR1701) : Labour for hoisting joints, trusses and placing in position - Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	2	Qntl

i	Un-Skilled	0.33464566929134	0.66929133858268	-
ii	Semi-Skilled	1.9685039370079	3.9370078740157	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	50.10561830177	462	23148.795655418
2	Skilled	10.08076262118	562	5665.3885931032
3	Highly-Skilled	28.802804646254	612	17627.316443507
4	Semi-Skilled	8.6083193588157	512	4407.4595117137
Total: 50848.960203742				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<p>Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance ±8 percent 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>	-	4.7413685316	Cum

i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	4.7413685316	1 Cum
ii)	BRM340 : Cement	0.672	3.1861996532352	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.327583188848	1 Cum
iv)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance \pm 2 %	350	1659.47898606	1000 Nos
2	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.	-	22.58936445	Sqm
i)	BRM340 : Cement	0.0358	0.80869924731	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.33884046675	1 Cum
3	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.	-	12.1238415	Sqm
i)	BRM340 : Cement	0.043	0.5213251845	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.218229147	1 Cum
4	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.	-	6.14646248	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	6.14646248	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	6.14646248	1 Sqm
iii)	BRM340 : Cement	0.1375	0.845138591	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.0921969372	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>	-	16.483314775	Sqm
i)	BRM174 : White Cement.	0.0076	0.12527319229	1Qntl
ii)	BRM340 : Cement	0.1074	1.770308006835	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.346149610275	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	16.483314775	1 Sqm.
6	<p>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>	-	139.53566085	Sqm
i)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	11.7209955114	1 Ltr

7	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.	-	363.6409226	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.075	27.273069195	1 Ltr
8	Painting(AR0904) :.Painting one coat of enamel on old wood work inner surface paint - Painting one coat of enamel on old wood work inner surface paint including all costs of labour, Paint, Primer and brushes and required for the work etc. complete and as per direction of Engineer-in-charge.	-	12.30500235	Sqm
i)	BRM141 : Enamel paint	0.075	0.92287517625	1 Litre
9	Iron Work(AR1701) :.Labour for hoisting joints, trusses and placing in position - Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	2	Qntl

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRMMR0025	4.7413685316	1 Cum	33	156.4651615428
2	BRM340	7.1316706828802	1 Qntl.	608.852	4342.131958613
3	BRM028	2.322999350073	1 Cum	1030.79	2394.5245000617
4	BRM005	1659.47898606	1000 Nos	6.11135	10141.656901458
5	BRM131	22.629777255	1 Sqm.	662.3175001	14988.097499351
6	BRMMR0027	6.14646248	1 Sqm	8.5	52.24493108
7	BRM174	0.12527319229	1Qntl	2047.912	256.548473769
8	BRM252	11.7209955114	1 Ltr	125.80732	1474.5870330213
9	BRM255	27.273069195	1 Ltr	195.09732	5320.9027081191

10	BRM141	0.92287517625	1 Litre	205.64732	189.78680669034
					Total: 39316.945973706

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.322999350073	1 Cum	40.25	93.500723840438
					Total: 93.500723840438

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 2088	Rs. 2088
2	Provision for Contingency @ Rs. 1000	Rs. 1000
3	Display Citizen Board @ Rs. 500	Rs. 500
4	Any Other Lumpsum @ Rs. 4500	Rs. 4500
		Total Addition Component Amount (in Rs.): 8088

Total Net Amount (in Rs.): 99999.555362854