

ESTIMATION DPR							
State	Odisha	District	Rayagada	Block	Gudari	Gram Panchayat	Asada

Work Code	OD/370/3549/121133/426933/00067194 (Repair and maintenance of Block Colony Staff Quarter , Gudari)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Gudari	Proposal Date	16-07-2024
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	Staff Quarter	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	28879
Fund Sanction Amount (in Rs.)	268342

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;">Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-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	615.672	71.83753306751	44228.35765874
2	<p style="text-align: center;">Painting (AR0921) : Finishing wall One Coat with distemper of approved shades on old work (Inside) - Finishing wall One Coat with distemper of approved shades on old 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	529.412	50.8504852712	26920.857108397

3	<p style="text-align: center;">Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner surface with primer of approved quality over iron work 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	34.44	66.11897407151	2277.1374670228
4	<p style="text-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	66	164.23523221452	10839.525326158

5	<p 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	6.1645	5242.82818192	32319.414327446
6	<p align="center">Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	Sqm	50.025	360.4864788984	18033.336106892

7	<p style="text-align: center;">Masonry</p> <p>Brick Work (AR0603) : K.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with K.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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	2.1255	5333.676513956	11336.729430413
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8	<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	20.6	1527.855037701	31473.813776641
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9	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specification and direction of Engineer-in-charge. (new work)</p>	Sqm	70.0336	347.7279902284	24352.64297646
Total Amount (in Rs.): 201781.81417817					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-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>	-	615.672	Sqm
i	Highly-Skilled	0.053763440860215	33.10064516129	-

	ii	Un-Skilled	0.053763440860215	33.10064516129	-
2		Painting (AR0921) : Finishing wall One Coat with distemper of approved shades on old work (Inside) - Finishing wall One Coat with distemper of approved shades on old 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)	-	529.412	Sqm
	i	Un-Skilled	0.04	21.17648	-
	ii	Highly-Skilled	0.033	17.470596	-
3		Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	34.44	Sqm
	i	Highly-Skilled	0.053763440860215	1.8516129032258	-
	ii	Un-Skilled	0.053763440860215	1.8516129032258	-

4	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)	-	66	Sqm
i	Highly-Skilled	0.13440860215054	8.8709677419355	-
ii	Un-Skilled	0.11827956989247	7.8064516129032	-
5	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.	-	6.1645	Cum
i	Skilled	0.18	1.10961	-
ii	Un-Skilled	3.9	24.04155	-

6	<p>Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	-	50.025	Sqm
i	Un-Skilled	0.36	18.009	-
ii	Highly-Skilled	0.13	6.50325	-
7	<p>Masonry Brick Work (AR0603) : K.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with K.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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>	-	2.1255	Cum
i	Un-Skilled	2.96	6.29148	-
ii	Skilled	1.05	2.231775	-

	iii	Highly-Skilled	0.35	0.743925	-
8		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.	-	20.6	Sqm
	i	Highly-Skilled	0.325	6.695	-
	ii	Un-Skilled	0.325	6.695	-
	iii	Semi-Skilled	0.76	15.656	-

9	Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)	-	70.0336	Sqm
i	Un-Skilled	0.36	25.212096	-
ii	Highly-Skilled	0.1	7.00336	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Highly-Skilled	82.239356806452	612	50330.486365548
2	Un-Skilled	144.18431567742	462	66613.153842968
3	Skilled	3.341385	562	1877.85837
4	Semi-Skilled	15.656	512	8015.872
Total: 126837.37057852				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-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.	-	615.672	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	51.716448	1 Ltr
2	Painting(AR0921) :.Finishing wall One Coat with distemper of approved shades on old work (Inside) - Finishing wall One Coat with distemper of approved shades on old 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)	-	529.412	Sqm
i)	BRM142 : Distemper	0.166	87.882392	1 Kg.
3	Painting(AR0901b) :.Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	34.44	Sqm
i)	BRM137 : Red oxide Primer	0.054	1.85976	1 Litre

4	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)	-	66	Sqm
i)	BRM141 : Enamel paint	0.125	8.25	1 Litre
5	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.	-	6.1645	Cum
i)	BRM340 : Cement	2.29	14.116705	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	2.95896	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	5.91792	1 Cum.
6	Flooring (AR0802i) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	50.025	Sqm
i)	BRM340 : Cement	0.0858	4.292145	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	0.6003	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)	0.023	1.150575	1 Cum.
7	Masonry Brick Work (AR0603) :K.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with K.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm ² 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.	-	2.1255	Cum
i)	BRM003 : K.B. bricks (25 Cm x 12Cm x 8Cm) having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 8 percent.	350	743.925	1000 Nos
ii)	BRM340 : Cement	0.672	1.428336	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.59514	1 Cum

8	<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>	-	20.6	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	20.6	1 Sqm.
ii)	<p>BRMMR0027 : Wax Polish</p>	1	20.6	1 Sqm
iii)	<p>BRM340 : Cement</p>	0.1375	2.8325	1 Qntl.
iv)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.309	1 Cum

9	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)	-	70.0336	Sqm
i)	BRM340 : Cement	0.1208	8.46005888	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	1.18356784	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.	0.0169	1.18356784	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM253	51.716448	1 Ltr	159.33732	8240.3602242394
2	BRM142	87.882392	1 Kg.	70.30732	6178.7754567094
3	BRM137	1.85976	1 Litre	143.00732	265.9592934432
4	BRM141	8.25	1 Litre	205.64732	1696.59039
5	BRM340	31.12974488	1 Qntl.	600.692	18699.388711457
6	BRM028	5.64696784	1 Cum	417.99	2360.3760874416
7	BRM044	5.91792	1 Cum.	1356.21	8025.9422832
8	BRM056	1.150575	1 Cum.	1802.83	2074.29112725
9	BRM003	743.925	1000 Nos	7.117045	5294.547701625
10	BRM131	20.6	1 Sqm.	662.3175001	13643.74050206
11	BRMMR0027	20.6	1 Sqm	8.5	175.1
12	BRM064	1.18356784	1 Cum.	1256.41	1487.0464698544
Total: 68142.11824728					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
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1	BRM028	5.64696784	1 Cum	51.25	289.4071018
2	BRM044	5.91792	1 Cum.	156.5	926.15448
3	BRM056	1.150575	1 Cum.	156.5	180.0649875
4	BRM003	743.925	1000 Nos	0.04025	29.94298125
5	BRM064	1.18356784	1 Cum.	156.5	185.22836696
Total: 1610.79791751					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 45666	Rs. 45666
2	Provision for Contingency @ Rs. 2683	Rs. 2683
3	Display Citizen Board @ Rs. 2000	Rs. 2000
4	Any Other Lumpsum @ Rs. 16211	Rs. 16211
Total Addition Component Amount (in Rs.): 66560		

Total Net Amount (in Rs.): 268341.81417817