

ESTIMATION DPR							
State	Odisha	District	Jajpur	Block	Sukinda	Gram Panchayat	Pingala

Work Code	OD/356/3403/118510/400578/00071250 (Repair and Renovation of Raitikar Mangala CC)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Sukinda	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	Community Centre	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.)	200000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<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	50.16018776	246.145035762	12346.681210014
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	87.63075475	171.5524750772	15033.272870246

3	<p>Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.</p>	Sqm	11.27099196	192.2290286696	2166.6118366137
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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	65.0597386425	1531.415668572	99633.503150324
5	<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	72.2639017775	78.871543875	5699.5654996228

6	<p style="text-align: center;">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.</p>	Sqm	28.428318	56.9663141625	1619.4564942995
7	<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	4.7554723125	163.59681500202	777.98012415529

8	<p align="center">Other Building Items. (AR1911) :</p> <p>Stainless steel of 304 grade in hand railing using 50mm dia of 2mm</p> <p>- Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge</p>	Rmt	16.178021482303	3129.0244276074	50621.424408483
Total Amount (in Rs.): 187898.49559376					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<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>	-	50.16018776	Sqm
i	Un-Skilled	0.24	12.0384450624	-
ii	Skilled	0.16	8.0256300416	-
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>	-	87.63075475	Sqm
i	Un-Skilled	0.12	10.51569057	-
ii	Skilled	0.14	12.268305665	-

3	<p>Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.</p>	-	11.27099196	Sqm
i	Un-Skilled	0.11	1.2398091156	-
ii	Skilled	0.15	1.690648794	-
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>	-	65.0597386425	Sqm

	i	Highly-Skilled	0.325	21.144415058812	-
	ii	Un-Skilled	0.325	21.144415058812	-
	iii	Semi-Skilled	0.76	49.4454013683	-
5		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)	-	72.2639017775	Sqm
	i	Highly-Skilled	0.052	3.75772289243	-
	ii	Un-Skilled	0.062	4.480361910205	-
6		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.	-	28.428318	Sqm
	i	Un-Skilled	0.043	1.222417674	-

	ii	Highly-Skilled	0.036	1.023419448	-
7		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)	-	4.7554723125	Sqm
	i	Highly-Skilled	0.13440860215054	0.63917638608871	-
	ii	Un-Skilled	0.11827956989247	0.56247521975806	-
8		Other Building Items. (AR1911) : Stainless steel of 304 grade in hand railing using 50mm dia of 2mm - Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge	-	16.178021482303	Rmt
	i	Semi-Skilled	0.27300613496933	4.4166991163343	-

ii	Highly-Skilled	0.27300613496933	4.4166991163343	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	51.203614610776	462	23656.069950178
2	Skilled	21.9845845006	562	12355.336489337
3	Highly-Skilled	30.981432901665	612	18960.636935819
4	Semi-Skilled	53.862100484634	512	27577.395448133
Total:				82549.438823467

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	50.16018776	Sqm
i)	BRM340 : Cement	0.043	2.15688807368	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.90288337968	1 Cum

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.	-	87.63075475	Sqm
i)	BRM340 : Cement	0.0358	3.13718102005	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.31446132125	1 Cum
3	Plastering (AR1006) :.12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.	-	11.27099196	Sqm
i)	BRM340 : Cement	0.0644	0.725851882224	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.1690648794	1 Cum

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>	-	65.0597386425	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 Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)</p>	1	65.0597386425	1 Sqm.
ii)	<p>BRMMR0027 : Wax Polish</p>	1	65.0597386425	1 Sqm
iii)	<p>BRM340 : Cement</p>	0.1375	8.9457140633438	1 Qntl.
iv)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.9758960796375	1 Cum
5	<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>	-	72.2639017775	Sqm
i)	<p>BRM142 : Distemper</p>	0.25	18.065975444375	1 Kg.

6	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.	-	28.428318	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.075	2.13212385	1 Ltr
7	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)	-	4.7554723125	Sqm
i)	BRM141 : Enamel paint	0.125	0.5944340390625	1 Litre
8	Other Building Items. (AR1911) :Stainless steel of 304 grade in hand railing using 50mm dia of 2mm - Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost,conveyance, taxes of all materials, labour,T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge	-	16.178021482303	Rmt
i)	BRMMR0024 : Buffing, Polishing etc.	0.30674846625767	4.9625832767801	L.S.
ii)	BRMMR0023 : Fabrication	10.478527607362	169.52184473481	kg

iii)	BRMMR0022 : Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows	5.101226993865	82.527759892852	kg
iv)	BRMMR0021 : Balustrade of size 30mmx32mmx2mm	1.8773006134969	30.371009653894	kg
v)	BRMMR0020 : Railing 50mm outer dia of 2mm thick	3.5	56.623075188061	kg

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	14.965635039298	1 Qntl.	582.935	8723.992461633
2	BRM028	3.3623056599675	1 Cum	483.09	1624.2962412737
3	BRM131	65.0597386425	1 Sqm.	664.6084447	43239.25171178
4	BRMMR0027	65.0597386425	1 Sqm	8.5	553.00777846125
5	BRM142	18.065975444375	1 Kg.	70.49055	1273.4805453605
6	BRM255	2.13212385	1 Ltr	193.39055	412.33260401962
7	BRM141	0.5944340390625	1 Litre	200.59055	119.23785083427
8	BRMMR0024	4.9625832767801	L.S.	178.42	885.4241082431
9	BRMMR0023	169.52184473481	kg	10	1695.2184473481
10	BRMMR0022	82.527759892852	kg	256.62	21178.273743704
11	BRMMR0021	30.371009653894	kg	256.62	7793.8084973823
12	BRMMR0020	56.623075188061	kg	240.24	13603.12758318
Total: 101101.45157322					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	3.3623056599675	1 Cum	274.25	922.11232724609
Total: 922.11232724609					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 7162	Rs. 7162
2	Provision for Contingency @ 0.5%	Rs. 939.4924779688

3	Display Citizen Board @ Rs. 4000	Rs. 4000
Total Addition Component Amount (in Rs.): 12101.492477969		

Total Net Amount (in Rs.): 199999.98807173