

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Jajpur	<b>Block</b>	Badchana	<b>Gram Panchayat</b>	Chhatia

<b>Work Code</b>	OD/356/3394/118253/401756/00069978 (Completion of Sri Durga CC, Ichhanagarpatana)						
<b>Project Category</b>	Building						

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Badchana	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	SFC Devolution of Fund	<b>Scheme Component Name</b>	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
<b>Project Sub-Category</b>	Community Centre	<b>Project Type</b>	Completion
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	150000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p><b>Plastering (AR1014) : First Floor - 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</b></p>	Sqm	67.7475	253.976652522	17206.283266734
2	<p><b>Other Building Items. (AR1901B) : First floor - Supplying, fitting &amp; 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&amp;P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</b></p>	Sqm	31.7	1026.6360253826	32544.362004628

3	<p style="text-align: center;"><b>Flooring (AR0817b) : First floor -</b> Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge.</p>	Sqm	27.72	901.743159696	24996.320386773
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4	<p style="text-align: center;"><b>Flooring (AR0816g) :</b></p> <p><b>Fixing Granite Tiles Above 0.10 Sqm Above 0.40 sqm. (20mm thick) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Granite Tiles Above 0.10 Sqm Above 0.40 sqm. (20mm thick) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Granite tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.</b></p>	Sqm	5.3295	2883.6486134508	15368.405285386
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5	<p style="text-align: center;"><b>Flooring (AR0817am) :</b>  <b>Fixing Granite  Tiles Above 0.10  Sqm Above 0.40  sqm. (20mm  thick) in dados  skirting and  risers of steps on  12mm thick  cement plaster  (1:3) - Fixing  Granite Tiles  Above 0.10 Sqm  Above 0.40 sqm.  (20mm thick) 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  Granite tiles  including rubbing  and polishing  complete including  cost of precast  tiles.</b></p>	Sqm	2.4225	3020.579234696	7317.3531960511
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6	<p align="center"><b>Other Building Items. (AR1911) :</b></p> <p><b>Stainless steel of 304 grade in hand railing using 50mm dia of 2mm</b>  - 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&amp;P etc. required for the complete in all respect. and as per direction of Engineer in Charge</p>	Rmt	6	3129.0244276074	18774.146565644
7	<p align="center"><b>Iron Work (AR1704) : Iron Doors and windows fixing -</b></p> <p>Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in-charge.</p>	Qntl	1.92	15989.922079087	30700.650391847
<b>Total Amount (in Rs.): 146907.52109706</b>					

**LABOUR STATEMENT**

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Plastering (AR1014) :</b> <b>First Floor</b> - 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.	-	67.7475	Sqm
	i Un-Skilled	0.2472	16.747182	-
	ii Skilled	0.1648	11.164788	-
2	<b>Other Building Items. (AR1901B) :</b> <b>First floor</b> - 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)	-	31.7	Sqm
	i Un-Skilled	0.2268	7.18956	-
	ii Highly-Skilled	0.2268	7.18956	-

3	<p><b>Flooring (AR0817b) :</b>  <b>First floor -</b> Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	27.72	Sqm
i	Un-Skilled	0.34125	9.45945	-
ii	Highly-Skilled	0.34125	9.45945	-
4	<p><b>Flooring (AR0816g) :</b>  <b>Fixing Granite Tiles Above 0.10 Sqm Above 0.40 sqm. (20mm thick) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 -</b> Fixing Granite Tiles Above 0.10 Sqm Above 0.40 sqm. (20mm thick) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Granite tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	5.3295	Sqm

	i	Un-Skilled	0.216	1.151172	-
	ii	Highly-Skilled	0.216	1.151172	-
	iii	Semi-Skilled	0.55	2.931225	-
5		<b>Flooring (AR0817am)</b> <b>: Fixing Granite Tiles</b> <b>Above 0.10 Sqm</b> <b>Above 0.40 sqm.</b> <b>(20mm thick) in dados</b> <b>skirting and risers of</b> <b>steps on 12mm thick</b> <b>cement plaster (1:3) -</b> Fixing Granite Tiles Above 0.10 Sqm Above 0.40 sqm. (20mm thick) 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 Granite tiles including rubbing and polishing complete including cost of precast tiles.	-	2.4225	Sqm
	i	Highly-Skilled	0.325	0.7873125	-
	ii	Un-Skilled	0.325	0.7873125	-
	iii	Semi-Skilled	0.76	1.8411	-

6	<p><b>Other Building Items. (AR1911) :</b>  <b>Stainless steel of 304 grade in hand railing using 50mm dia of 2mm</b> - 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&amp;P etc. required for the complete in all respect. and as per direction of Engineer in Charge</p>	-	6	Rmt	
	i	Semi-Skilled	0.27300613496933	1.638036809816	-
	ii	Highly-Skilled	0.27300613496933	1.638036809816	-
7	<p><b>Iron Work (AR1704) :</b>  <b>Iron Doors and windows fixing -</b>  Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in-charge.</p>	-	1.92	Qntl	
	i	Un-Skilled	6.3976377952756	12.283464566929	-
	ii	Semi-Skilled	1.9685039370079	3.7795275590551	-

iii	Skilled	3.9370078740157	7.5590551181102	-
iv	Highly-Skilled	3.4448818897638	6.6141732283465	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	47.618141066929	462	21999.581172921
2	Skilled	18.72384311811	562	10522.799832378
3	Highly-Skilled	26.839704538162	612	16425.899177355
4	Semi-Skilled	10.189889368871	512	5217.223356862
<b>Total:</b>				<b>54165.503539517</b>

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Plastering (AR1014)</b> ∴ <b>First Floor</b> - 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.	-	<b>67.7475</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	2.9131425	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1.219455	1 Cum

2	<p><b>Other Building Items. (AR1901B) :.First floor</b>  - Supplying, fitting &amp; 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&amp;P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	31.7	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.24092	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	3.40458	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	0.6657	1 Cum
iv)	<b>BRM131</b> : 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	31.7	1 Sqm.
3	<p><b>Flooring (AR0817b) :.First floor</b> - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	27.72	Sqm

i)	<b>BRM129</b> : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	1	27.72	1 Sqm.
ii)	<b>BRM340</b> : Cement	0.1375	3.8115	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.4158	1 Cum
4	<b>Flooring (AR0816g)</b> :.Fixing Granite Tiles Above 0.10 Sqm Above 0.40 sqm. (20mm thick) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Granite Tiles Above 0.10 Sqm Above 0.40 sqm. (20mm thick) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Granite tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	<b>5.3295</b>	Sqm
i)	<b>BRM125</b> : Granite Tiles Above 0.10 Sqm &Above 0.40 sqm. (20mm thick)	1	5.3295	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	5.3295	1 Sqm
iii)	<b>BRM340</b> : Cement	0.2737	1.45868415	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.0692835	1 Cum

5	<p><b>Flooring (AR0817am)</b>  <b>:.Fixing Granite Tiles Above 0.10 Sqm Above 0.40 sqm. (20mm thick) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) -</b>  Fixing Granite Tiles Above 0.10 Sqm Above 0.40 sqm. (20mm thick) 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 Granite tiles including rubbing and polishing complete including cost of precast tiles.</p>	-	2.4225	Sqm
i)	<p><b>BRM125</b> : Granite Tiles Above 0.10 Sqm &amp;Above 0.40 sqm. (20mm thick)</p>	1	2.4225	1 Sqm.
ii)	<p><b>BRMMR0027</b> : Wax Polish</p>	1	2.4225	1 Sqm
iii)	<p><b>CON026</b> : cement (Other way)</p>	0.1375	0.33309375	1000 kg
iv)	<p><b>BRM340</b> : Cement</p>	0.1375	0.33309375	1 Qntl.
v)	<p><b>BRM028</b> : Screened and washed sharp sand for mortar</p>	0.015	0.0363375	1 Cum
6	<p><b>Other Building Items. (AR1911) :.Stainless steel of 304 grade in hand railing using 50mm dia of 2mm -</b>  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&amp;P etc. required for the complete in all respect. and as per direction of Engineer in Charge</p>	-	6	Rmt

i)	<b>BRMMR0024</b> : Buffing, Polishing etc.	0.30674846625767	1.840490797546	L.S.
ii)	<b>BRMMR0023</b> : Fabrication	10.478527607362	62.871165644172	kg
iii)	<b>BRMMR0022</b> : Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows	5.101226993865	30.60736196319	kg
iv)	<b>BRMMR0021</b> : Balustrade of size 30mmx32mmx2mm	1.8773006134969	11.263803680982	kg
v)	<b>BRMMR0020</b> : Railing 50mm outer dia of 2mm thick	3.5	21	kg
7	<b>Iron Work(AR1704)</b> :.Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	1.92	Qntl
i)	<b>BRM341</b> : Steel	1	1.92	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	11.9210004	1 Qntl.	568.667	6779.0795344668
2	<b>BRM028</b>	2.406576	1 Cum	613.29	1475.92899504
3	<b>BRM174</b>	0.24092	1Qntl	2030.787	489.25720404
4	<b>BRM131</b>	31.7	1 Sqm.	667.2266671	21151.08534707
5	<b>BRM129</b>	27.72	1 Sqm.	421.3466671	11679.729612012
6	<b>BRM125</b>	7.752	1 Sqm.	2106.1466671	16326.848963359
7	<b>BRMMR0027</b>	7.752	1 Sqm	8.5	65.892
8	<b>CON026</b>	0.33309375	1000 kg	0	0
9	<b>BRMMR0024</b>	1.840490797546	L.S.	178.42	328.38036809816
10	<b>BRMMR0023</b>	62.871165644172	kg	10	628.71165644172
11	<b>BRMMR0022</b>	30.60736196319	kg	256.62	7854.4612269939
12	<b>BRMMR0021</b>	11.263803680982	kg	256.62	2890.5173006135
13	<b>BRMMR0020</b>	21	kg	240.24	5045.04
14	<b>BRM341</b>	1.92	1 Qntl.	6399.677	12287.37984

Total: 87002.312048135

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.406576	1 Cum	274.25	660.003468
2	BRM125	7.752	1 Sqm.	32.89	254.96328
					<b>Total: 914.966748</b>

## ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1469.0752109706
2	Display Citizen Board @ Rs. 1600	Rs. 1600
		<b>Total Addition Component Amount (in Rs.): 3069.0752109706</b>

**Total Net Amount (in Rs.): 149976.59630803**