

ESTIMATION DPR							
State	Odisha	District	Jajpur	Block	Bari	Gram Panchayat	Dharapur

Work Code	OD/356/3395/118285/402029/00056405 (Completion of Smasana Ghat near Habeli Dhia)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Bari	Proposal Date	-
Date of Commencement	03-11-2025	Date of Completion	02-12-2025
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO ZILLA PARISHAD
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant	Saroj Kumar Panda		

### Administrative Approval Details

Approval No.	OD/356/3395/118285/402029/00056405/AS
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### Technical Sanction Details

Technical Sanction No.	OD/356/3395/118285/402029/00056405/TS
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><b>R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	Cum	7.2045765114016	6483.9261746782	66452.198623125
2	<p><b>R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting -</b> Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm</p>	Sqm	46.2511453902	1047.3822930467	66452.198623125

3	<p><b>R.C.C. Work (AR0410a) : Centring &amp; Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height</b></p>	Sqm	36.1999698202	662.689943368	66452.198623125
4	<p><b>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</b></p>	Sqm	48.8460376638	193.1581780888	66452.198623125

5	<b>Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) -</b> 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)	Sqm	28.5862531	78.835517175	66452.198623125
6	<b>R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position -</b> Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	Qntl	6.25	10632.3517797	66452.198623125
<b>Total Amount (in Rs.): 197286.751197</b>					

## LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p><b>R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	-	7.2045765114016	Cum
i	Un-Skilled	1.3333	9.6058618626518	-
ii	Skilled	0.1	0.72045765114016	-
iii	Semi-Skilled	0.0573	0.41282223410331	-
2	<p><b>R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting -</b> Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, girder and bressmer, etc. Data for 4.2sqm</p>	-	46.2511453902	Sqm

	i	Semi-Skilled	0.6547619047619	30.283488053107	-
	ii	Skilled	0.6547619047619	30.283488053107	-
3		<b>R.C.C. Work (AR0410a) : Centring &amp; Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height</b>	-	36.1999698202	Sqm
	i	Semi-Skilled	0.305555555555556	11.061101889506	-
	ii	Skilled	0.305555555555556	11.061101889506	-
4		<b>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</b>	-	48.8460376638	Sqm

	i	Un-Skilled	0.17	8.303826402846	-
	ii	Skilled	0.14	6.838445272932	-
5		<b>Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) -</b> 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)	-	28.5862531	Sqm
	i	Highly-Skilled	0.052	1.4864851612	-
	ii	Un-Skilled	0.062	1.7723476922	-
6		<b>R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position -</b> Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	6.25	Qntl

i	Un-Skilled	0.8	5	-
ii	Highly-Skilled	0.3	1.875	-
iii	Semi-Skilled	0.044	0.275	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	24.682035957698	462	11403.100612456
1	Skilled	48.903492866685	562	27483.762991077
2	Semi-Skilled	42.032412176716	512	21520.595034479
3	Highly-Skilled	3.3614851612	612	2057.2289186544
<b>Total:</b>				<b>62464.687556666</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p><b>R.C.C. Work (AR0404A)</b>  <b>:.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b>  Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	-	<b>7.2045765114016</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	25.023655597051	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	3.2420594301307	1 Cum
iii)	<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	2.5936475441046	1 Cum.
iv)	<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	3.8904713161569	1 Cum.

2	<b>R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting</b> - Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, girder and bressmer, etc. Data for 4.2sqm	-	<b>46.2511453902</b>	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.55238095238095	25.548251739349	1Mtr
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.24006546893009	1Cum.
3	<b>R.C.C. Work (AR0410a) : Centring &amp; Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas</b> - Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	<b>36.1999698202</b>	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.622222222222222	22.524425665902	1Mtr
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0050222222222222	0.18180429287478	1Cum.

4	<b>Plastering (AR1027)</b> :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	<b>48.8460376638</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0372	1.8170726010934	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	0.3663452824785	1 Cum
5	<b>Painting(AR0922)</b> :.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)	-	<b>28.5862531</b>	Sqm
i)	<b>BRM142</b> : Distemper	0.25	7.146563275	1 Kg.

6	<b>R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position -</b> Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	6.25	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	5	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	6.5625	1 Qntl.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	26.840728198145	1 Qntl.	571.667	15343.958566849
2	<b>BRM028</b>	3.6084047126092	1 Cum	938.79	3387.5342601504
3	<b>BRM060</b>	2.5936475441046	1 Cum.	2323.01	6025.0691814304
4	<b>BRM052</b>	3.8904713161569	1 Cum.	2290.2	8909.9574082624
5	<b>BRM084</b>	48.072677405251	1Mtr	250.166	12026.149415762
6	<b>BRM104</b>	0.42186976180487	1Cum.	58573.086	24710.213838996
7	<b>BRM142</b>	7.146563275	1 Kg.	70.34787	502.74550421647
8	<b>BRM162</b>	5	1 Kg.	90.1	450.5
9	<b>BRM341</b>	6.5625	1 Qntl.	7977.367	52351.4709375
<b>Total: 123707.59911317</b>					

## ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<b>R.C.C. Work (AR0404A)</b> <b>:.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section 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. (excluding centring and shuttering)	-	<b>7.2045765114016</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	25.023655597051	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	3.2420594301307	1 Cum
iii)	<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	2.5936475441046	1 Cum.
iv)	<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	3.8904713161569	1 Cum.

2	<b>R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, girder and bressmer, etc. Data for 4.2sqm</b>	-	<b>46.2511453902</b>	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0056666666666667	0.2620898238778	1Mtr
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.24006546893009	1Cum.
3	<b>R.C.C. Work (AR0410a) : Centring &amp; Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height</b>	-	<b>36.1999698202</b>	Sqm
i)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0076666666666667	0.27753310195487	1Mtr
ii)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0050222222222222	0.18180429287478	1Cum.

4	<b>Plastering (AR1027)</b> :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	<b>48.8460376638</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0372	1.8170726010934	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	0.3663452824785	1 Cum
5	<b>Painting(AR0922)</b> :.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)	-	<b>28.5862531</b>	Sqm
i)	<b>BRM142</b> : Distemper	0.25	7.146563275	1 Kg.

6	R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	6.25	Qntl
i)	BRM341 : Steel	1.05	6.5625	1 Qntl.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	3.6084047126092	1 Cum	274.25	989.60499243308
2	BRM060	2.5936475441046	1 Cum.	444.5	1152.8763333545
3	BRM052	3.8904713161569	1 Cum.	444.5	1729.3145000317
<b>Total: 3871.7958258193</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2000	Rs. 2000
2	Display Citizen Board @ Rs. 713	Rs. 713
<b>Total Addition Component Amount (in Rs.): 2713</b>		

**Total Net Amount (in Rs.): 199999.751197**