

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Nabarangpur	<b>Block</b>	Kosagumuda	<b>Gram Panchayat</b>	Kodinga

<b>Work Code</b>	OD/366/3516/120472/427803/00045494 (CONSTRUCTION OF BOUNDARY WALL AT SHIVA TEMPLE KODING OF KODINGA GP.)						
<b>Project Category</b>	Other Infrastructure						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Kosagumuda	<b>Proposal Date</b>	31-07-2025
<b>Date of Commencement</b>	07-03-2026	<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>	Boundary Wall	<b>Project Type</b>	New Work
<b>Name of Executant</b>	DEBASISH SWAIN		

#### Administrative Approval Details

<b>Approval No.</b>	OD/366/3516/120472/427803/00045494/AS
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#### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/366/3516/120472/427803/00045494/TS
<b>Fund Sanction No.</b>	15612
<b>Fund Sanction Amount (in Rs.)</b>	250000

#### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p><b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b>  Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	Cum	19.08	240.77592	19672.87207362
2	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	3.18	524.597232	19672.87207362

3	<p><b>Concrete (AR0303) :</b>  <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	20.5905	5268.6723528	19672.87207362
4	<p><b>Masonry Brick Work (AR06059) :</b>  <b>Brick work with K.B. bricks 25cm x 12cm x 8cm -</b> Brick work with K.B. bricks 25cm x 12cm x 8cm size having crushing strength not less than 75 Kg/cm<sup>2</sup> with dimensional tolerance ± 8 percent in cement mortar (1:3) in foundation and plinth</p>	Cum	18.285	5366.0584516	19672.87207362

5	<p><b>Plastering (AR1004) : First Floor - 12mm</b>  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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	Sqm	79.5	171.639439996	19672.87207362
6	<p><b>Plastering (AR1014) : First Floor - 16mm</b>  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.</p>	Sqm	79.5	247.45751036	19672.87207362
<b>Total Amount (in Rs.): 246183.4081725</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p><b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b></p> <p>Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	-	19.08	Cum
i	Un-Skilled	0.516	9.84528	-
2	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b></p> <p>Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	3.18	Cum
i	Un-Skilled	0.1236	0.393048	-

3	<p><b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	20.5905	Cum
i	Skilled	0.18	3.70629	-
ii	Un-Skilled	3.9	80.30295	-
4	<p><b>Masonry Brick Work (AR06059) : Brick work with K.B. bricks 25cm x 12cm x 8cm -</b> Brick work with K.B. bricks 25cm x 12cm x 8cm size having crushing strength not less than 75 Kg/cm<sup>2</sup> with dimensional tolerance ± 8 percent in cement mortar (1:3) in foundation and plinth</p>	-	18.285	Cum
i	Un-Skilled	2.82	51.5637	-
ii	Skilled	1.05	19.19925	-
iii	Highly-Skilled	0.35	6.39975	-

5	<b>Plastering (AR1004) :</b> <b>First Floor</b> - 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.	-	79.5	Sqm
i	Un-Skilled	0.1236	9.8262	-
ii	Skilled	0.1442	11.4639	-
6	<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.	-	79.5	Sqm
i	Un-Skilled	0.2472	19.6524	-
ii	Skilled	0.1648	13.1016	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	171.583578	462	79271.613036
1	Skilled	47.47104	562	26678.72448

2	Highly-Skilled	6.39975	612	3916.647
				<b>Total: 109866.984516</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	19.08	Cum
2	<b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	3.18	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	3.18	1 Cum

3	<b>Concrete (AR0303)</b> :.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.	-	20.5905	Cum
i)	<b>BRM340</b> : Cement	2.29	47.152245	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	9.88344	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	19.76688	1 Cum.
4	<b>Masonry Brick Work (AR06059)</b> :.Brick work with K.B. bricks 25cm x 12cm x 8cm - Brick work with K.B. bricks 25cm x 12cm x 8cm size having crushing strength not less than 75 Kg/cm <sup>2</sup> with dimensional tolerance $\pm$ 8 percent in cement mortar (1:3) in foundation and plinth	-	18.285	Cum
i)	<b>BRM340</b> : Cement	1.33	24.31905	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	5.1198	1 Cum
iii)	<b>BRM005</b> : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm$ 2 %	350	6399.75	1000 Nos

5	<b>Plastering (AR1004)</b> :.First Floor - 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.	-	79.5	Sqm
i)	<b>BRM340</b> : Cement	0.0358	2.8461	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1.1925	1 Cum
6	<b>Plastering (AR1014)</b> :.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 & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	79.5	Sqm
i)	<b>BRM340</b> : Cement	0.043	3.4185	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1.431	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	3.18	1 Cum	413.05	1313.499
2	<b>BRM340</b>	77.735895	1 Qntl.	591.732	45998.81662014
3	<b>BRM028</b>	17.62674	1 Cum	417.24	7354.5809976
4	<b>BRM044</b>	19.76688	1 Cum.	1401.46	27702.4916448
5	<b>BRM005</b>	6399.75	1000 Nos	6.1539	39383.421525
<b>Total: 121752.80978754</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	<p><b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b>  Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	-	19.08	Cum
2	<p><b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	3.18	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	3.18	1 Cum
3	<p><b>Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	20.5905	Cum
i)	<b>BRM340</b> : Cement	2.29	47.152245	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	9.88344	1 Cum

iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	19.76688	1 Cum.
4	<b>Masonry Brick Work (AR06059)</b> :.Brick work with K.B. bricks 25cm x 12cm x 8cm - Brick work with K.B. bricks 25cm x 12cm x 8cm size having crushing strength not less than 75 Kg/cm <sup>2</sup> with dimensional tolerance $\pm$ 8 percent in cement mortar (1:3) in foundation and plinth	-	<b>18.285</b>	Cum
i)	<b>BRM340</b> : Cement	1.33	24.31905	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	5.1198	1 Cum
iii)	<b>BRM005</b> : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm$ 2 %	350	6399.75	1000 Nos
5	<b>Plastering (AR1004)</b> :.First Floor - 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.	-	<b>79.5</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	2.8461	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1.1925	1 Cum

6	<b>Plastering (AR1014)</b> :.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 & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	79.5	Sqm
i)	<b>BRM340</b> : Cement	0.043	3.4185	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1.431	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	3.18	1 Cum	49.25	156.615
2	<b>BRM028</b>	17.62674	1 Cum	49.25	868.116945
3	<b>BRM044</b>	19.76688	1 Cum.	164.5	3251.65176
<b>Total: 4276.383705</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1316	Rs. 1316
2	Display Citizen Board @ Rs. 2500	Rs. 2500
<b>Total Addition Component Amount (in Rs.): 3816</b>		

**Total Net Amount (in Rs.): 249999.4081725**