

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Bahalda	Gram Panchayat	Jashipur

Work Code	OD/365/3488/120075/387443/00047698 (Renovation of Badumundu bandha Rangamatia)
Project Category	Water Body

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Bahalda	Proposal Date	-
Date of Commencement	02-02-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Tank	Project Type	Renovation or Rejuvenation
Name of Executant	SARANGADHAR PRADHAN		

Administrative Approval Details

Approval No.	OD/365/3488/120075/387443/00047698/AS
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Technical Sanction Details

Technical Sanction No.	OD/365/3488/120075/387443/00047698/TS
Fund Sanction No.	26956
Fund Sanction Amount (in Rs.)	400000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0122aa) : 1st depth of 1.5m initial rate of foundation in Ordinary soil - 1st depth of 1.5m initial rate of foundation in Ordinary soil (Earth work in open well excavation with lead upto 50m for 100cum) as per direction of Engineer-in-Charge	-	662.61312	Cum
i	Un-Skilled	0.384	254.44343808	-

2	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - 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</p>	-	45.070151552	Cum
i	Un-Skilled	0.516	23.256198200832	-
3	<p>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - 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.</p>	-	23.995939488	Cum
i	Un-Skilled	0.1236	2.9658981207168	-

4	<p>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>	-	25.79723909632	Cum
i	Skilled	0.18	4.6435030373376	-
ii	Un-Skilled	3.9	100.60923247565	-
5	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specificaion and direction of Engineer-in charge.</p>	-	3.955715376	Cum
i	Un-Skilled	4.6	18.1962907296	-
ii	Skilled	0.68	2.68988645568	-

6	<p>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	103.06937529	Sqm
i	Semi-Skilled	0.05	5.1534687645	-
ii	Skilled	0.05	5.1534687645	-
7	<p>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash 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>	-	1.30048868352	Cum
i	Un-Skilled	2.96	3.8494465032192	-

	ii	Skilled	1.05	1.365513117696	-
	iii	Highly-Skilled	0.35	0.455171039232	-
8		Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure 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.	-	3.57213883488	Cum
	i	Un-Skilled	2.96	10.573530951245	-
	ii	Skilled	1.05	3.750745776624	-
	iii	Highly-Skilled	0.35	1.250248592208	-

9	<p>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 & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	-	31.958632	Sqm
i	Un-Skilled	0.17	5.43296744	-
ii	Skilled	0.14	4.47420848	-
10	<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>	-	19.21977264	Sqm
i	Un-Skilled	0.12	2.3063727168	-
ii	Skilled	0.14	2.6907681696	-

11	<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>	-	17.7552683286	Sqm
i	Un-Skilled	0.24	4.261264398864	-
ii	Skilled	0.16	2.840842932576	-
12	<p>Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	-	36.98	Sqm
i	Un-Skilled	0.042752688172043	1.5809944086022	-
ii	Highly-Skilled	0.022	0.81356	-

iii	Skilled	0.0080645161290323	0.29822580645161	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	427.47563402553	462	197493.74291979
1	Skilled	27.907162540465	562	15683.825347741
2	Semi-Skilled	5.1534687645	512	2638.576007424
3	Highly-Skilled	2.51897963144	612	1541.6155344413
				Total: 217357.7598094