

ESTIMATION DPR							
State	Odisha	District	Deogarh	Block	Reamal	Gram Panchayat	Adas

Work Code	OD/351/3347/117200/383359/00068216 (Improvement of Butapali Kata at Adas)
Project Category	Water Body

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Reamal	Proposal Date	-
Date of Commencement	12-01-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Bathing Ghat or Changing Room	Project Type	Upgradation or Improvement
Name of Executant	Tapan Kumar Majhi		

Administrative Approval Details

Approval No.	OD/351/3347/117200/383359/00068216/AS
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Technical Sanction Details

Technical Sanction No.	OD/351/3347/117200/383359/00068216/TS
Fund Sanction No.	19115/PRDW
Fund Sanction Amount (in Rs.)	200000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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	-	7.7535	Cum

	i	Un-Skilled	0.516	4.000806	-
2		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.	-	5.013	Cum
	i	Un-Skilled	0.1236	0.6196068	-
3		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.	-	2.2575	Cum
	i	Skilled	0.18	0.40635	-
	ii	Un-Skilled	3.9	8.80425	-

4	R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - 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)	-	1.658125	Cum
i	Un-Skilled	1.3333	2.2107780625	-
ii	Skilled	0.1	0.1658125	-
iii	Semi-Skilled	0.0573	0.0950105625	-

5	<p>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.</p>	-	1.42	Qntl
i	Un-Skilled	0.8	1.136	-
ii	Highly-Skilled	0.3	0.426	-
iii	Semi-Skilled	0.044	0.06248	-
6	<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>	-	4.938125	Cum

	i	Un-Skilled	2.96	14.61685	-
	ii	Skilled	1.05	5.18503125	-
	iii	Highly-Skilled	0.35	1.72834375	-
7		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.	-	10.423125	Cum
	i	Un-Skilled	2.96	30.85245	-
	ii	Skilled	1.05	10.94428125	-
	iii	Highly-Skilled	0.35	3.64809375	-

8	Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (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.	-	40.8	Sqm
i	Un-Skilled	0.12	4.896	-
ii	Skilled	0.14	5.712	-
9	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.	-	66.25875	Sqm
i	Un-Skilled	0.24	15.9021	-
ii	Skilled	0.16	10.6014	-

10	Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	107.059	Sqm
i	Un-Skilled	0.11776344086022	12.607636215054	-
ii	Highly-Skilled	0.10776344086022	11.537046215054	-
11	Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	11.4075	Sqm
i	Un-Skilled	0.36	4.1067	-
ii	Highly-Skilled	0.13	1.482975	-

12	Iron Work (AR1704) : 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.	-	0.61425	Qntl
i	Un-Skilled	6.3976377952756	3.929749015748	-
ii	Semi-Skilled	1.9685039370079	1.2091535433071	-
iii	Skilled	3.9370078740157	2.4183070866142	-
iv	Highly-Skilled	3.4448818897638	2.1160187007874	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	103.6829260933	462	47901.511855105
1	Skilled	35.433182086614	562	19913.448332677
2	Semi-Skilled	1.3666441058071	512	699.72178217323
3	Highly-Skilled	20.938477415841	612	12814.348178495
Total:				81329.030148451