

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Jayapatna	Gram Panchayat	Pratappur

Work Code	OD/358/3412/118684/424198/00064429 (CONSTRUCTION OF RURAL PARK AT CHATAPADAR KENDUGOCHHEN PLAY GROUND AMBAGICHA)
Project Category	Other Infrastructure

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Jayapatna	Proposal Date	-
Date of Commencement	19-01-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Innovative Practices
Project Sub-Category	Rural Park	Project Type	New Work
Name of Executant	SUSHANTA KUMAR DAS		

Administrative Approval Details

Approval No.	OD/358/3412/118684/424198/00064429/AS
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Technical Sanction Details

Technical Sanction No.	OD/358/3412/118684/424198/00064429/TS
Fund Sanction No.	2117
Fund Sanction Amount (in Rs.)	1000000

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	-	96.234	Cum

	i	Un-Skilled	0.516	49.656744	-
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.	-	20.928	Cum
	i	Un-Skilled	0.1236	2.5867008	-
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.	-	25.878	Cum
	i	Skilled	0.18	4.65804	-
	ii	Un-Skilled	3.9	100.9242	-

4	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/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.	-	29.7625	Cum
i	Un-Skilled	2.96	88.097	-
ii	Skilled	1.05	31.250625	-
iii	Highly-Skilled	0.35	10.416875	-

5	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.	-	38.73384	Cum
i	Un-Skilled	2.96	114.6521664	-
ii	Skilled	1.05	40.670532	-
iii	Highly-Skilled	0.35	13.556844	-

6	R.C.C. Work (AR0404Aa) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	6.412	Cum
i	Un-Skilled	1.3333	8.5491196	-
ii	Skilled	0.175	1.1221	-
iii	Semi-Skilled	0.1323	0.8483076	-

7	R.C.C. Work (AR0404Ab) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	5.725	Cum
i	Un-Skilled	1.3333	7.6331425	-
ii	Skilled	0.35	2.00375	-
iii	Semi-Skilled	0.3073	1.7592925	-

8	R.C.C. Work (AR0404Ac) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	4.85316	Cum
i	Un-Skilled	1.3333	6.470718228	-
ii	Skilled	5.33875	25.90980795	-
iii	Semi-Skilled	5.29605	25.702578018	-

9	<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>	-	14.1017	Qntl
i	Un-Skilled	0.8	11.28136	-
ii	Highly-Skilled	0.3	4.23051	-
iii	Semi-Skilled	0.044	0.6204748	-
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>	-	360	Sqm
i	Un-Skilled	0.12	43.2	-

	ii	Skilled	0.14	50.4	-
11		Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	360	Sqm
	i	Highly-Skilled	0.053763440860215	19.354838709677	-
	ii	Un-Skilled	0.053763440860215	19.354838709677	-
12		Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)	-	360	Sqm
	i	Un-Skilled	0.11776344086022	42.394838709677	-
	ii	Highly-Skilled	0.10776344086022	38.794838709677	-

13	Flooring (AR0816) : Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Chequered Tiles 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 Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.	-	75	Sqm
	i Un-Skilled	0.216	16.2	-
	ii Highly-Skilled	0.216	16.2	-
	iii Semi-Skilled	0.55	41.25	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	511.00082894735	462	236082.38297368
1	Skilled	156.01485495	562	87680.3484819
2	Highly-Skilled	102.55390641935	612	62762.990728645
3	Semi-Skilled	70.180652918	512	35932.494294016

Total: 422458.21647824