

ESTIMATION DPR

State	Odisha	District	Rayagada	Block	Rayagada	Gram Panchayat	Karubai
--------------	--------	-----------------	----------	--------------	----------	-----------------------	---------

Work Code	OD/370/3557/121264/426561/00013647 (Construction of Kalyan Mandap at Karubai)
Project Category	Building

Financial Year	2021-22	Execution Level	PS
Executing Agency	Panchayat Samiti, Rayagada	Proposal Date	08-09-2021
Date of Commencement	30-10-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Creation of Capital Asset for Revenue Generation
Project Sub-Category	Kalyan Mandap	Project Type	New Work
Name of Executant	SWAGATIKA CHHUAL SINGH		

Administrative Approval Details

Approval No.	OD/370/3557/121264/426561/00013647/AS
---------------------	---------------------------------------

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	11
Fund Sanction Amount (in Rs.)	1000000

LABOUR STATEMENT

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

1	<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>	-	19.162875	Cum
i	Skilled	0.18	3.4493175	-
ii	Un-Skilled	3.9	74.7352125	-
2	<p>Masonry Stone Work (AR0703) : Random rubble H.G. stone of masonry. - Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, curing for seven days 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>	-	22.12965	Cum
i	Un-Skilled	3.17	70.1509905	-
ii	Skilled	1.41	31.2028065	-

	iii	Highly-Skilled	0.35	7.7453775	-
3		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.	-	17.02778	Cum
	i	Un-Skilled	2.82	48.0183396	-
	ii	Skilled	1.05	17.879169	-
	iii	Highly-Skilled	0.35	5.959723	-

4	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.)	-	8.505	Cum
i	Un-Skilled	1.3333	11.3397165	-
ii	Skilled	0.175	1.488375	-
iii	Semi-Skilled	0.1323	1.1252115	-

5	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)	-	3.2025	Cum
i	Un-Skilled	1.3333	4.26989325	-
ii	Skilled	0.35	1.120875	-
iii	Semi-Skilled	0.3073	0.98412825	-

6	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)	-	6.04885	Cum
i	Un-Skilled	1.3333	8.064931705	-
ii	Skilled	5.33875	32.2932979375	-
iii	Semi-Skilled	5.29605	32.0350120425	-

7	R.C.C. Work (AR0404Ad) : 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 Lintels)	-	2.083125	Cum
i	Un-Skilled	1.3333	2.7774305625	-
ii	Skilled	2.34375	4.88232421875	-
iii	Semi-Skilled	2.30105	4.79337478125	-

8	R.C.C. Work (AR0404Ag) : 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 Roof slab, landing, balcony, sun shade)	-	7.99725	Cum
i	Un-Skilled	1.3333	10.662733425	-
ii	Skilled	3.15525	25.2333230625	-
iii	Semi-Skilled	3.11255	24.8918404875	-

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>	-	26.59	Qntl
i	Un-Skilled	0.8	21.272	-
ii	Highly-Skilled	0.3	7.977	-
iii	Semi-Skilled	0.044	1.16996	-
10	<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>	-	88.9925	Sqm
i	Un-Skilled	0.24	21.3582	-

	ii	Skilled	0.16	14.2388	-
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.	-	69.71	Sqm
	i	Un-Skilled	0.36	25.0956	-
	ii	Highly-Skilled	0.13	9.0623	-
12		Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in- charge.(Outside)	-	22.2453	Sqm
	i	Highly-Skilled	0.13440860215054	2.9899596774194	-
	ii	Un-Skilled	0.11827956989247	2.631164516129	-

13	Painting (AR0922) : 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)	-	117.27	Sqm
i	Highly-Skilled	0.052	6.09804	-
ii	Un-Skilled	0.062	7.27074	-
14	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)	-	69.855	Sqm
i	Un-Skilled	0.11776344086022	8.2263651612903	-
ii	Highly-Skilled	0.10776344086022	7.5278151612903	-

15	<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>	-	46.681875	Cum
i	Un-Skilled	0.516	24.0878475	-
16	<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>	-	28.744875	Cum
i	Un-Skilled	0.1236	3.55286655	-

17	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.	-	105.195	Sqm
i	Un-Skilled	0.12	12.6234	-
ii	Skilled	0.14	14.7273	-
18	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.	-	0.0912	Qntl
i	Un-Skilled	6.3976377952756	0.58346456692913	-
ii	Semi-Skilled	1.9685039370079	0.17952755905512	-
iii	Skilled	3.9370078740157	0.35905511811024	-
iv	Highly-Skilled	3.4448818897638	0.31417322834646	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Skilled	146.87464333686	552	81074.803121947
1	Un-Skilled	356.72089633685	452	161237.84514426
2	Highly-Skilled	47.674388567056	602	28699.981917368
3	Semi-Skilled	65.179054620305	502	32719.885419393
				Total: 303732.51560296