

ESTIMATION DPR							
State	Odisha	District	Jajpur	Block	Korei	Gram Panchayat	Patharapada

Work Code	OD/356/3401/275216/400826/00075392 (REPAIR AND MAINTENCE OF PATHARAPADA PRIMARY SCHOOL)
Project Category	Building

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Korei	Proposal Date	-
Date of Commencement	15-01-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Primary School Building
Project Sub-Category	Secondary School	Project Type	Repair and Maintenance
Name of Executant	Dibya Lochan Samal		

Administrative Approval Details

Approval No.	OD/356/3401/275216/400826/00075392/AS
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Technical Sanction Details

Technical Sanction No.	OD/356/3401/275216/400826/00075392/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	800000

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	-	46.926	Cum

	i	Un-Skilled	0.516	24.213816	-
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.	-	20.1915	Cum
	i	Un-Skilled	0.1236	2.4956694	-
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.	-	14.7165	Cum
	i	Skilled	0.18	2.64897	-
	ii	Un-Skilled	3.9	57.39435	-

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.)	-	6.955625	Cum
i	Un-Skilled	1.3333	9.2739348125	-
ii	Skilled	0.175	1.217234375	-
iii	Semi-Skilled	0.1323	0.9202291875	-

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)	-	6.875	Cum
i	Un-Skilled	1.3333	9.1664375	-
ii	Skilled	0.35	2.40625	-
iii	Semi-Skilled	0.3073	2.1126875	-

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)	-	2.90625	Cum
i	Un-Skilled	1.3333	3.874903125	-
ii	Skilled	5.33875	15.5157421875	-
iii	Semi-Skilled	5.29605	15.3916453125	-

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>	-	10.34775	Cum
i	Un-Skilled	2.96	30.62934	-
ii	Skilled	1.05	10.8651375	-
iii	Highly-Skilled	0.35	3.6217125	-
8	<p>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	57.4414	Sqm

	i	Un-Skilled	0.216	12.4073424	-
	ii	Highly-Skilled	0.216	12.4073424	-
9		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)	-	402.6	Sqm
	i	Un-Skilled	0.11776344086022	47.411561290323	-
	ii	Highly-Skilled	0.10776344086022	43.385561290323	-
10		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.	-	14.712	Qntl
	i	Un-Skilled	0.8	11.7696	-

	ii	Highly-Skilled	0.3	4.4136	-
	iii	Semi-Skilled	0.044	0.647328	-
11		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/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.	-	41.0625	Cum
	i	Un-Skilled	2.96	121.545	-
	ii	Skilled	1.05	43.115625	-
	iii	Highly-Skilled	0.35	14.371875	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	330.18195452782	462	152544.06299185
1	Skilled	75.7689590625	562	42582.154993125
2	Semi-Skilled	19.07189	512	9764.80768

3	Highly-Skilled	78.200091190323	612	47858.455808477
				Total: 252749.48147346