

ESTIMATION DPR							
State	Odisha	District	Dhenkanal	Block	Hindol	Gram Panchayat	Kutunia

Work Code	OD/352/3352/117332/403106/00031292 (MAINTENANCE OF JAMUCHAKADA UP SCHOOL)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Hindol	Proposal Date	-
Date of Commencement	24-07-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Primary School Building
Project Sub-Category	Elementary School	Project Type	Repair and Maintenance
Name of Executant	Susant Kumar Singh		

Administrative Approval Details

Approval No.	OD/352/3352/117332/403106/00031292/AS
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Technical Sanction Details

Technical Sanction No.	OD/352/3352/117332/403106/00031292/TS
Fund Sanction No.	5579
Fund Sanction Amount (in Rs.)	500000

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Dismantling (AR1603) : Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.	-	6.1236920592	Cum
i	Un-Skilled	3.0035335689046	18.392714665442	-

2	<p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	38.2465392975	Sqm
i	Un-Skilled	0.21505376344086	8.2250622145161	-
3	<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>	-	1.2455993984	Cum
i	Un-Skilled	0.516	0.6427292895744	-
4	<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>	-	10.689822074	Cum

	i	Un-Skilled	0.1236	1.3212620083464	-
5		<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>	-	12.049028474	Cum
	i	Skilled	0.18	2.16882512532	-
	ii	Un-Skilled	3.9	46.9912110486	-
6		<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 specifaion and direction of Engineer-in charge.</p>	-	11.2134528	Cum
	i	Un-Skilled	4.6	51.58188288	-

	ii	Skilled	0.68	7.625147904	-
7		Dismantling (AR1618) : Dismantling and removing doors, windows and ventilators - Dismantling and removing doors, windows and ventilators including removal of frame, hinges, fastening and stacking the same for reuse and removing the debris within 50m and as per direction of Engineer-in-Charge.	-	3.901926	Sqm
	i	Un-Skilled	0.61538461538462	2.4011852307692	-
	ii	Skilled	0.19230769230769	0.75037038461538	-
8		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.	-	1.755	Qntl
	i	Un-Skilled	6.3976377952756	11.227854330709	-
	ii	Semi-Skilled	1.9685039370079	3.4547244094488	-
	iii	Skilled	3.9370078740157	6.9094488188976	-

	iv	Highly-Skilled	3.4448818897638	6.0457677165354	-
9		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.	-	81.9126308418	Sqm
	i	Un-Skilled	0.12	9.829515701016	-
	ii	Skilled	0.14	11.467768317852	-
10		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.	-	68.2913973684	Sqm
	i	Un-Skilled	0.24	16.389935368416	-
	ii	Skilled	0.16	10.926623578944	-

11	<p>Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	-	38.2465392975	Sqm
i	Un-Skilled	0.36	13.7687541471	-
ii	Highly-Skilled	0.13	4.972050108675	-
12	<p>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)</p>	-	1.21345699872	Cum
i	Un-Skilled	1.3333	1.6179022163934	-
ii	Skilled	2.34375	2.84403984075	-

	iii	Semi-Skilled	2.30105	2.7922252269047	-
13		<p>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.</p>	-	7.003877312	Cum
	i	Un-Skilled	2.96	20.73147684352	-
	ii	Skilled	1.05	7.3540711776	-
	iii	Highly-Skilled	0.35	2.4513570592	-
14		<p>Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.</p>	-	5.77067172	Qntl
	i	Un-Skilled	4.9212598425197	28.398975	-

	ii	Semi-Skilled	1.9685039370079	11.35959	-
	iii	Skilled	4.4291338582677	25.5590775	-
15		Roofing (AR1132) : Supplying, feeting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	44.965052	Sqm
	i	Un-Skilled	0.21505376344086	9.669903655914	-
	ii	Highly-Skilled	0.16129032258065	7.2524277419355	-
16		Dismantling (AR1613) : Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	94.5319054602	Sqm
	i	Un-Skilled	0.10752688172043	10.164721017226	-

17	Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	403.1840254558	Sqm
i	Highly-Skilled	0.053763440860215	21.676560508376	-
ii	Un-Skilled	0.053763440860215	21.676560508376	-
18	Painting (AR0918Ai) : Finishing wall one coat with weather coat - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	180.2667329474	Sqm
i	Un-Skilled	0.043	7.7514695167382	-
ii	Highly-Skilled	0.036	6.4896023861064	-

19	Painting (AR0919) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) - Finishing wall One Coat with plastic emulsion paint of approved shades on old 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)	-	230.0755987226	Sqm
i	Un-Skilled	0.043	9.8932507450718	-
ii	Highly-Skilled	0.036	8.2827215540136	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	290.67636638773	462	134292.48127113
1	Skilled	75.605372647979	562	42490.219428164
2	Semi-Skilled	17.606539636353	512	9014.548293813
3	Highly-Skilled	57.170487074842	612	34988.338089803

Total: 220785.58708291