

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Bisoi	Gram Panchayat	Bisoi

Work Code	OD/365/3493/120144/388161/00049883 (CONSTRUCTION AND MAINTENANCE OF BISOI NODAL SCHOOL)
Project Category	Other Infrastructure

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Bisoi	Proposal Date	-
Date of Commencement	04-02-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Primary School Building
Project Sub-Category	Boundary Wall	Project Type	New Work
Name of Executant	SANTOSH KUMAR BEHERA		

Administrative Approval Details

Approval No.	OD/365/3493/120144/388161/00049883/AS
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Technical Sanction Details

Technical Sanction No.	OD/365/3493/120144/388161/00049883/TS
Fund Sanction No.	34989
Fund Sanction Amount (in Rs.)	128221

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	-	10.335632	Cum

	i	Un-Skilled	0.516	5.333186112	-
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.	-	1.364303424	Cum
	i	Un-Skilled	0.1236	0.1686279032064	-
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.	-	2.0671264	Cum
	i	Skilled	0.18	0.372082752	-
	ii	Un-Skilled	3.9	8.06179296	-

4	Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm 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.	-	5.167816	Cum
i	Un-Skilled	2.96	15.29673536	-
ii	Skilled	1.05	5.4262068	-
iii	Highly-Skilled	0.35	1.8087356	-

5	<p>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)</p>	-	0.857857456	Cum
i	Un-Skilled	1.3333	1.1437813460848	-
ii	Skilled	0.1	0.0857857456	-
iii	Semi-Skilled	0.0573	0.0491552322288	-
6	<p>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	6.781919	Sqm

	i	Semi-Skilled	0.05	0.33909595	-
	ii	Skilled	0.05	0.33909595	-
7		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.	-	0.68	Qntl
	i	Un-Skilled	0.8	0.544	-
	ii	Highly-Skilled	0.3	0.204	-
	iii	Semi-Skilled	0.044	0.02992	-

8	<p>Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm 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>	-	8.83696536	Cum
i	Un-Skilled	2.96	26.1574174656	-
ii	Skilled	1.05	9.278813628	-
iii	Highly-Skilled	0.35	3.092937876	-
9	<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>	-	50.8643925	Sqm
i	Un-Skilled	0.24	12.2074542	-

	ii	Skilled	0.16	8.1383028	-
10		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.	-	33.909595	Sqm
	i	Un-Skilled	0.12	4.0691514	-
	ii	Skilled	0.14	4.7473433	-
11		Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint 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)	-	7.87445828	Sqm
	i	Highly-Skilled	0.054	0.42522074712	-
	ii	Un-Skilled	0.064	0.50396532992	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
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0	Un-Skilled	73.486112076811	462	33950.583779487
1	Skilled	28.3876309756	562	15953.848608287
2	Highly-Skilled	5.53089422312	612	3384.9072645494
3	Semi-Skilled	0.4181711822288	512	214.10364530115
				Total: 53503.443297625