

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Gajapati	<b>Block</b>	Nuagada	<b>Gram Panchayat</b>	Udayapur

<b>Work Code</b>	OD/353/3361/275053/414114/00070039 (Expansion of school building at Primary school ,Kodeda)
<b>Project Category</b>	Building

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Nuagada	<b>Proposal Date</b>	10-06-2025
<b>Date of Commencement</b>	20-01-2026	<b>Date of Completion</b>	-
<b>Scheme Name</b>	Bikashita Gaon Bikashita Odisha	<b>Scheme Component Name</b>	Viksit Gaon Vikshit Odisha (VGVO)
<b>Project Sub-Category</b>	Elementary School	<b>Project Type</b>	Upgradation or Improvement
<b>Name of Executant</b>	Sarbeswar Sahu		

### Administrative Approval Details

<b>Approval No.</b>	OD/353/3361/275053/414114/00070039/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/353/3361/275053/414114/00070039/TS
<b>Fund Sanction No.</b>	3398
<b>Fund Sanction Amount (in Rs.)</b>	600000

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<b>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> 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 <sup>2</sup> 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.	-	11.8979	Cum
i	Un-Skilled	2.96	35.217784	-
ii	Skilled	1.05	12.492795	-
iii	Highly-Skilled	0.35	4.164265	-

2	<b>R.C.C. Work (AR0404Ad) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	-	2.211036	Cum
i	Un-Skilled	1.3333	2.9479742988	-
ii	Skilled	2.34375	5.182115625	-
iii	Semi-Skilled	2.30105	5.0877043878	-

3	<b>R.C.C. Work (AR0404Ac) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	-	4.458573	Cum
i	Un-Skilled	1.3333	5.9446153809	-
ii	Skilled	5.33875	23.80320660375	-
iii	Semi-Skilled	5.29605	23.61282553665	-

4	<b>R.C.C. Work (AR0404Ag) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	-	12.5004	Cum
i	Un-Skilled	1.3333	16.66678332	-
ii	Skilled	3.15525	39.4418871	-
iii	Semi-Skilled	3.11255	38.90812002	-

5	<p><b>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 -</b>  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>	-	19.05925	Qntl
i	Un-Skilled	0.8	15.2474	-
ii	Highly-Skilled	0.3	5.717775	-
iii	Semi-Skilled	0.044	0.838607	-
6	<p><b>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b>  Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	5.4145	Cum

	i	Un-Skilled	3.9	21.11655	-
	ii	Skilled	0.18	0.97461	-
7		<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b> - 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.	-	8.12175	Cum
	i	Un-Skilled	0.1236	1.0038483	-
8		<b>Plastering (AR1017i) : 20mm thick cement Plaster in CM (1:4) over masonry work in outside</b> - 20mm thick cement Plaster in CM (1:4) over stone work in outside 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.	-	96.85	Sqm
	i	Un-Skilled	0.24	23.244	-
	ii	Skilled	0.16	15.496	-

9	<p><b>Plastering (AR1008i) : 20mm thick cement Plaster in CM (1:6) over stone work in outside (Outside) -</b>  20mm thick cement Plaster in CM (1:6) over stone work in outside 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	12.09	Sqm
i	Un-Skilled	0.24	2.9016	-
ii	Skilled	0.16	1.9344	-
10	<p><b>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. -</b> 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	61.35	Sqm
i	Un-Skilled	0.24	14.724	-
ii	Skilled	0.16	9.816	-

11	<b>Roofing (AR1132i) : Supplying, feeting &amp; fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties -</b> Supplying, fitting & fixing of G.C.I. Sheet (0.40mm 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	-	10.439	Sqm
	i Un-Skilled	0.21505376344086	2.2449462365591	-
	ii Highly-Skilled	0.16129032258065	1.6837096774194	-
12	<b>Iron Work (AR1704) : Iron Doors and windows fixing -</b> 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.	-	0.697248	Qntl
	i Un-Skilled	6.3976377952756	4.4607401574803	-
	ii Semi-Skilled	1.9685039370079	1.3725354330709	-
	iii Skilled	3.9370078740157	2.7450708661417	-
	iv Highly-Skilled	3.4448818897638	2.401937007874	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
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0	Un-Skilled	145.72024169374	462	67322.751662508
1	Skilled	111.88608519489	562	62879.979879529
2	Highly-Skilled	13.967686685293	612	8548.2242513995
3	Semi-Skilled	69.819792377521	512	35747.733697291
				<b>Total: 174498.68949073</b>