

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Deogarh	<b>Block</b>	Tileibani	<b>Gram Panchayat</b>	Dudhianali

<b>Work Code</b>	OD/351/3348/117227/383276/00014409 (Repair & Maintanance of Jamunali High school, Jamunali)
<b>Project Category</b>	Building

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Tileibani	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	22-09-2025	<b>Date of Completion</b>	-
<b>Scheme Name</b>	Asset Management School and Mass Education Department	<b>Scheme Component Name</b>	Self/Personal Deposit
<b>Project Sub-Category</b>	Others	<b>Project Type</b>	Repair and Maintenance
<b>Name of Executant</b>	MANORANJAN BEHERA		

### Administrative Approval Details

<b>Approval No.</b>	OD/351/3348/117227/383276/00014409/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/351/3348/117227/383276/00014409/TS
<b>Fund Sanction No.</b>	8559
<b>Fund Sanction Amount (in Rs.)</b>	248000

### LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	<b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	10.602	Cum

	i	Un-Skilled	0.516	5.470632	-
2		<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.	-	2.964	Cum
	i	Un-Skilled	0.1236	0.3663504	-
3		<b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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.	-	2.658	Cum
	i	Skilled	0.18	0.47844	-
	ii	Un-Skilled	3.9	10.3662	-

4	<b>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - 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 <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.	-	7.98	Cum
i	Un-Skilled	2.96	23.6208	-
ii	Skilled	1.05	8.379	-
iii	Highly-Skilled	0.35	2.793	-

5	<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.	-	12.19875	Cum
i	Un-Skilled	2.96	36.1083	-
ii	Skilled	1.05	12.8086875	-
iii	Highly-Skilled	0.35	4.2695625	-

6	<b>R.C.C. Work (AR0404A) :</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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	0.84	Cum
i	Un-Skilled	1.3333	1.119972	-
ii	Skilled	0.1	0.084	-
iii	Semi-Skilled	0.0573	0.048132	-

7	<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)	-	0.84	Cum
i	Un-Skilled	1.3333	1.119972	-
ii	Skilled	2.34375	1.96875	-
iii	Semi-Skilled	2.30105	1.932882	-

8	<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)	-	2.414	Cum
i	Un-Skilled	1.3333	3.2185862	-
ii	Skilled	3.15525	7.6167735	-
iii	Semi-Skilled	3.11255	7.5136957	-

9	<p><b>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside -</b> 12mm thick cement plaster (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>	-	43.635	Sqm
i	Un-Skilled	0.12	5.2362	-
ii	Skilled	0.14	6.1089	-
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>	-	30.24	Sqm
i	Un-Skilled	0.24	7.2576	-
ii	Skilled	0.16	4.8384	-

11	<p><b>Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor -</b> Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge.</p>	-	12.96	Sqm
i	Un-Skilled	0.216	2.79936	-
ii	Highly-Skilled	0.216	2.79936	-
iii	Semi-Skilled	0.55	7.128	-

12	<p><b>Flooring (AR0817b) :</b>  <b>Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) -</b> Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	34.425	Sqm
i	Un-Skilled	0.325	11.188125	-
ii	Highly-Skilled	0.325	11.188125	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	107.8720976	462	49836.9090912
1	Skilled	42.282951	562	23763.018462
2	Highly-Skilled	21.0500475	612	12882.62907
3	Semi-Skilled	16.6227097	512	8510.8273664
<b>Total: 94993.3839896</b>				