

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kalahandi	<b>Block</b>	Dharamagarh	<b>Gram Panchayat</b>	Parla

<b>Work Code</b>	OD/358/3410/118641/423973/00017453 (CONSTRUCTION OF ADDITIONAL CLASSROOM IN UP SCHOOL SEMALA UNDER PARLA GP)
<b>Project Category</b>	Building

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Dharamagarh	<b>Proposal Date</b>	22-04-2025
<b>Date of Commencement</b>	13-11-2025	<b>Date of Completion</b>	-
<b>Scheme Name</b>	Chief Minister Special Assistant	<b>Scheme Component Name</b>	Self/Personal Deposit
<b>Project Sub-Category</b>	Elementary School	<b>Project Type</b>	New Work
<b>Name of Executant</b>	Romanchal Bhoi		

### Administrative Approval Details

<b>Approval No.</b>	OD/358/3410/118641/423973/00017453/AS
---------------------	---------------------------------------

### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/358/3410/118641/423973/00017453/TS
<b>Fund Sanction No.</b>	2152
<b>Fund Sanction Amount (in Rs.)</b>	600000

### LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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	-	22.8204	Cum

	i	Un-Skilled	0.516	11.7753264	-
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.	-	26.0871	Cum
	i	Un-Skilled	0.1236	3.22436556	-
3		<b>Concrete (AR0304a) : Cement concrete (1:4:8) with 4 cm. hard granite(Hand Broken) metal -</b> Cement concrete (1:4:8) 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&P required for the work etc. complete and as per direction of Engineer-in charge.	-	7.4821	Cum
	i	Un-Skilled	3.9	29.18019	-
	ii	Skilled	0.18	1.346778	-

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.	-	5.994	Cum
i	Un-Skilled	2.96	17.74224	-
ii	Skilled	1.05	6.2937	-
iii	Highly-Skilled	0.35	2.0979	-

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.	-	12.58744	Cum
i	Un-Skilled	2.96	37.2588224	-
ii	Skilled	1.05	13.216812	-
iii	Highly-Skilled	0.35	4.405604	-

6	<b>R.C.C. Work (AR0404Aa) :</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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	5.859	Cum
i	Un-Skilled	1.3333	7.8118047	-
ii	Skilled	0.175	1.025325	-
iii	Semi-Skilled	0.1323	0.7751457	-

7	<b>R.C.C. Work (AR0404Ab) :</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 Plinth band)	-	1.83655	Cum
i	Un-Skilled	1.3333	2.448672115	-
ii	Skilled	0.35	0.6427925	-
iii	Semi-Skilled	0.3073	0.564371815	-

8	<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)	-	3.940751	Cum
i	Un-Skilled	1.3333	5.2542033083	-
ii	Skilled	5.33875	21.03868440125	-
iii	Semi-Skilled	5.29605	20.87041433355	-

9	<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)	-	2.70595	Cum
i	Un-Skilled	1.3333	3.607843135	-
ii	Skilled	2.34375	6.3420703125	-
iii	Semi-Skilled	2.30105	6.2265262475	-

10	<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)	-	6.1228125	Cum
i	Un-Skilled	1.3333	8.16354590625	-
ii	Skilled	3.15525	19.319004140625	-
iii	Semi-Skilled	3.11255	19.057560046875	-

11	<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>	-	65.7565	Sqm
i	Un-Skilled	0.12	7.89078	-
ii	Skilled	0.14	9.20591	-
12	<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>	-	65.75	Sqm
i	Un-Skilled	0.24	15.78	-
ii	Skilled	0.16	10.52	-

13	<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>	-	16.9	Qntl
i	Un-Skilled	0.8	13.52	-
ii	Highly-Skilled	0.3	5.07	-
iii	Semi-Skilled	0.044	0.7436	-
14	<p><b>Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips -</b>  2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance &amp; royalty of materials as per direction of Engineer-in-charge.</p>	-	27.1633	Sqm
i	Un-Skilled	0.36	9.778788	-
ii	Highly-Skilled	0.13	3.531229	-

15	<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.	-	2.5	Qntl
i	Un-Skilled	6.3976377952756	15.994094488189	-
ii	Semi-Skilled	1.9685039370079	4.9212598425197	-
iii	Skilled	3.9370078740157	9.8425196850394	-
iv	Highly-Skilled	3.4448818897638	8.6122047244094	-
16	<b>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) -</b> Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	168.68	Sqm
i	Highly-Skilled	0.053763440860215	9.0688172043011	-
ii	Un-Skilled	0.053763440860215	9.0688172043011	-

17	<p><b>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) -</b>          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)</p>	-	65.75	Sqm
i	Highly-Skilled	0.054	3.5505	-
ii	Un-Skilled	0.064	4.208	-
18	<p><b>Other Building Items. (AR1902) : cement based wall putty (water based) -</b>          Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&amp;P,etc. complete. and as per the direction of Engineer in Charge.</p>	-	65.75	Sqm
i	Un-Skilled	0.057	3.74775	-
ii	Skilled	0.05	3.2875	-

19	<b>Painting (AR0918Ai) : Finishing wall one coat with weather coat</b> - 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.	-	65.75	Sqm
i	Un-Skilled	0.043	2.82725	-
ii	Highly-Skilled	0.036	2.367	-
20	<b>Painting (AR0901bi) : Priming one coat in outer surface with primer of approved quality over iron work</b> - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	16.4304	Sqm
i	Highly-Skilled	0.053763440860215	0.88335483870968	-
ii	Un-Skilled	0.053763440860215	0.88335483870968	-

21	<b>Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface</b> - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	16.43	Sqm
i	Highly-Skilled	0.18817204301075	3.09166666666667	-
ii	Un-Skilled	0.17204301075269	2.82666666666667	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	212.99251472242	462	98402.541801756
1	Skilled	102.08109603941	562	57369.575974151
2	Highly-Skilled	42.678276434087	612	26119.105177661
3	Semi-Skilled	53.158877985445	512	27217.345528548

**Total: 209108.56848212**