

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Sambalpur	<b>Block</b>	Rairakhol	<b>Gram Panchayat</b>	Kadaligarh

<b>Work Code</b>	OD/371/3565/121404/382483/00038127 (Repair & maintenance of Tantagard UP School )
<b>Project Category</b>	Building

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Rairakhol	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	25-03-2026	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Maintenance of Primary School Building
<b>Project Sub-Category</b>	Elementary School	<b>Project Type</b>	Repair and Maintenance
<b>Name of Executant</b>	Manas Ranjan Tripathy		

### Administrative Approval Details

<b>Approval No.</b>	OD/371/3565/121404/382483/00038127/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/371/3565/121404/382483/00038127/TS
<b>Fund Sanction No.</b>	27871
<b>Fund Sanction Amount (in Rs.)</b>	200000

### MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Painting(AR0901d)</b> :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - 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.	-	258.3	Sqm
i)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	21.6972	1 Ltr

2	<b>Painting(AR0901ci)</b> :.Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface) - Priming one coat with outer surface primer of approved quality oil-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.	-	356.115	Sqm
i)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	29.91366	1 Ltr
3	<b>Painting(AR0922)</b> :.Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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)	-	258.3	Sqm
i)	<b>BRM142</b> : Distemper	0.25	64.575	1 Kg.
4	<b>Painting(AR0918g)</b> :.Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) - Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	356.11	Sqm

i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	44.51375	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	29.91324	1 Ltr
5	<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	-	<b>3.0375</b>	Cum
6	<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.	-	<b>0.3375</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	0.3375	1 Cum
7	<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.	-	<b>2.5319</b>	Cum

i)	<b>BRM340</b> : Cement	2.29	5.798051	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1.215312	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	2.430624	1 Cum.
8	<b>Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - 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 <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.	-	<b>2.2425</b>	Cum
i)	<b>BRM006</b> : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance ± 2 %	400	897	1000 Nos
ii)	<b>BRM340</b> : Cement	0.672	1.50696	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	0.6279	1 Cum

9	<p><b>Masonry Brick Work (AR0603ci) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> 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/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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	4.14	Cum
i)	<p><b>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</b></p>	1	4.14	1 Cum
ii)	<p><b>BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm<sup>2</sup> with dimensional tolerance ± 2 %</b></p>	400	1656	1000 Nos
iii)	<p><b>BRM340 : Cement</b></p>	0.672	2.78208	1 Qntl.
iv)	<p><b>BRM028 : Screened and washed sharp sand for mortar</b></p>	0.28	1.1592	1 Cum
10	<p><b>Plastering (AR1014i) :.16mm thick cement Plaster in CM (1:6) over brick work in outside (outside) -</b> 16mm thick cement Plaster in CM (1:6) over brick 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>	-	36	Sqm
i)	<p><b>BRM340 : Cement</b></p>	0.043	1.548	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	0.648	1 Cum
11	<b>Dismantling (AR1612) :Dismantling and removing 2.5 cm. thick artificial stone flooring -</b> 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.	-	<b>32.749</b>	Sqm
12	<b>Painting(AR0903i) :.Painting two coats of enamel paint in outer surface paint (outer surface) -</b> Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	<b>31.32</b>	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125	3.915	1 Litre
13	<b>Flooring (AR0802ik) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips(For repair and maintenance).</b> - 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(For repair and maintenance) .	-	<b>32.749</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0858	2.8098642	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.012	0.392988	1 Cum

iii)	<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.023	0.753227	1 Cum.
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM253</b>	21.6972	1 Ltr	159.45622	3459.753496584
2	<b>BRM252</b>	59.8269	1 Ltr	125.92622	7533.775371318
3	<b>BRM142</b>	64.575	1 Kg.	70.52622	4554.2306565
4	<b>BRM255</b>	44.51375	1 Ltr	195.21622	8689.806013025
5	<b>BRM029</b>	0.3375	1 Cum	346.01	116.778375
6	<b>BRM340</b>	14.4449552	1 Qntl.	584.622	8444.8385989344
7	<b>BRM028</b>	4.0434	1 Cum	417.99	1690.100766
8	<b>BRM044</b>	2.430624	1 Cum.	1486.41	3612.90381984
9	<b>BRM006</b>	2553	1000 Nos	5.4818	13995.0354
10	<b>BRMMR0025</b>	4.14	1 Cum	33	136.62
11	<b>BRM141</b>	3.915	1 Litre	205.76622	805.5747513
12	<b>BRM056</b>	0.753227	1 Cum.	1933.03	1456.01038781
<b>Total: 54495.427636311</b>					