

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Rairakhol	Gram Panchayat	Kadaligarh

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

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

Administrative Approval Details

Approval No.	OD/371/3565/121404/382483/00038127/AS
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Technical Sanction Details

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

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Painting(AR0901d) :.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)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	21.6972	1 Ltr

2	Painting(AR0901ci) :.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)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	29.91366	1 Ltr
3	Painting(AR0922) :.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)	BRM142 : Distemper	0.25	64.575	1 Kg.
4	Painting(AR0918g) :.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)	BRM255 : Weather Coat (I.S.I.)	0.125	44.51375	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	29.91324	1 Ltr
5	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	-	3.0375	Cum
6	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.	-	0.3375	Cum
i)	BRM029 : Sand for filling and road blinding	1	0.3375	1 Cum
7	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.	-	2.5319	Cum

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

9	<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>	-	4.14	Cum
i)	<p>BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm² with dimensional tolerance ± 2 %</p>	400	1656	1000 Nos
ii)	<p>BRM340 : Cement</p>	0.672	2.78208	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.28	1.1592	1 Cum
10	<p>Plastering (AR1014i) :.16mm thick cement Plaster in CM (1:6) over brick work in outside (outside) - 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 & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	36	Sqm
i)	<p>BRM340 : Cement</p>	0.043	1.548	1 Qntl.
ii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.018	0.648	1 Cum

11	Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - 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.	-		32.749	Sqm
12	Painting(AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - 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)	-		31.32	Sqm
i)	BRM141 : Enamel paint	0.125		3.915	1 Litre
13	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). - 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) .	-		32.749	Sqm
i)	BRM340 : Cement	0.0858		2.8098642	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012		0.392988	1 Cum
iii)	BRM056 : 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.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
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1	BRM029	0.3375	1 Cum	69	23.2875
2	BRM028	4.0434	1 Cum	69	278.9946
3	BRM044	2.430624	1 Cum.	189	459.387936
4	BRM056	0.753227	1 Cum.	189	142.359903
					Total: 904.029939