

BILLING DPR							
State	Odisha	District	Khordha	Block	Bolagarh	Gram Panchayat	Sagaragaon
Work Code	OD/362/3461/119634/406980/00036350 (Repair & Maintenance Of Balasinghpatna Pry School)						
Project Category	Building						
Financial Year	2023-24		Execution Level		PS		
Executing Agency	Panchayat Samiti, Bolagarh		Bill Status		Final Bill		
Proposal Date	-		Date of Commencement		04-11-2025		
Date of Completion	27-11-2025		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				

Administrative Approval Details

Approval No.	OD/362/3461/119634/406980/00036350/AS
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Technical Sanction Details

Technical Sanction No.	OD/362/3461/119634/406980/00036350/TS
Fund Sanction No.	15220
Fund Sanction Amount (in Rs.)	250000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Dismantling (AR1603) : Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.	Cum	4.05	1401.5088339223	37473.297382476
2	Dismantling (AR1613) : Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	Sqm	22.5	50.174193548387	37473.297382476
3	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	Cum	9.675	240.77592	37473.297382476

4	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.	Cum	0.9675	1121.557732	37473.297382476
5	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.	Cum	1.935	5947.268446	37473.297382476
6	Masonry Stone Work (AR0717) : Laterite stone masonry - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.	Cum	2.660625	5646.3248464	37473.297382476
7	Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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/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.	Cum	23.3475	5352.1109374	37473.297382476
8	Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.	Sqm	233.605	177.83277656	37473.297382476
9	Plastering (AR1041) : Finishing wall cement washing one coat on the inner surface - Finishing wall cement washing one coat on the inner surface of on new work including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge.	Sqm	233.605	17.507186002151	37473.297382476
10	Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	Sqm	234.14	160.04654216484	37473.297382476
Total Amount (in Rs.): 244814.46119915					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	Dismantling (AR1603) : Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.	-	4.05	Cum
i	Un-Skilled	3.0035335689046	12.164310954064	-
2	Dismantling (AR1613) : Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	22.5	Sqm
i	Un-Skilled	0.10752688172043	2.4193548387097	-
3	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	-	9.675	Cum
i	Un-Skilled	0.516	4.9923	-
4	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.	-	0.9675	Cum
i	Un-Skilled	0.1236	0.119583	-
5	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.	-	1.935	Cum
i	Skilled	0.18	0.3483	-
ii	Un-Skilled	3.9	7.5465	-
6	Masonry Stone Work (AR0717) : Laterite stone masonry - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.	-	2.660625	Cum
i	Un-Skilled	1.21	3.21935625	-
ii	Skilled	1.05	2.79365625	-
iii	Highly-Skilled	2.295	6.106134375	-
iv	Semi-Skilled	1.41	3.75148125	-

7	Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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 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.	-	23.3475	Cum
i	Un-Skilled	2.96	69.1086	-
ii	Skilled	1.05	24.514875	-
iii	Highly-Skilled	0.35	8.171625	-
8	Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	233.605	Sqm
i	Un-Skilled	0.12	28.0326	-
ii	Skilled	0.14	32.7047	-
9	Plastering (AR1041) : Finishing wall cement washing one coat on the inner surface - Finishing wall cement washing one coat on the inner surface of on new work including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge.	-	233.605	Sqm
i	Un-Skilled	0.010752688172043	2.5118817204301	-
ii	Skilled	0.0080645161290323	1.8839112903226	-
10	Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	234.14	Sqm
i	Un-Skilled	0.11776344086022	27.573132043011	-
ii	Highly-Skilled	0.10776344086022	25.231732043011	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	157.68761880621	462	72851.679888471
2	Skilled	62.245442540323	562	34981.938707661
3	Highly-Skilled	39.509491418011	612	24179.808747823
4	Semi-Skilled	3.75148125	512	1920.7584
				Total: 133934.18574395

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1603) :.Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.	-	4.05	Cum
2	Dismantling (AR1613) :.Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	22.5	Sqm
3	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	-	9.675	Cum
4	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.	-	0.9675	Cum
i)	BRM029 : Sand for filling and road blinding	1	0.9675	1 Cum
5	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.	-	1.935	Cum
i)	BRM340 : Cement	2.29	4.43115	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.9288	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1.8576	1 Cum.
6	Masonry Stone Work (AR0717) :.Laterite stone masonry - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.	-	2.660625	Cum
i)	BRM340 : Cement	0.572	1.5218775	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.24	0.63855	1 Cum
iii)	BRM079 : Laterite Stone rough dressed	1	2.660625	1 Cum.

7	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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/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.	-	23.3475	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	23.3475	1 Cum
ii)	BRM340 : Cement	0.672	15.68952	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	6.5373	1 Cum
iv)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	350	8171.625	1000 Nos
8	Plastering (AR1004) :.12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	233.605	Sqm
i)	BRM340 : Cement	0.0358	8.363059	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	3.504075	1 Cum
9	Plastering (AR1041) :.Finishing wall cement washing one coat on the inner surface - Finishing wall cement washing one coat on the inner surface of on new work including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge.	-	233.605	Sqm
i)	BRM340 : Cement	0.010763440860215	2.5143936021505	1 Qntl.
10	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	234.14	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	29.2675	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	21.148129032258	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	0.9675	1 Cum	1010.1	977.27175
2	BRM340	32.520000102151	1 Qntl.	575.332	18709.79669877
3	BRM028	11.608725	1 Cum	1016.49	11800.15287525
4	BRM044	1.8576	1 Cum.	1726.96	3208.000896
5	BRM079	2.660625	1 Cum.	1461.69	3889.00895625

6	BRMMR0025	23.3475	1 Cum	33	770.4675
7	BRM005	8171.625	1000 Nos	6.59565	53897.17843125
8	BRM255	29.2675	1 Ltr	193.13732	5652.6465131
9	BRM253	21.148129032258	1 Ltr	154.57732	3269.0211088206
Total: 102173.54472944					

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1603) :.Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.	-	4.05	Cum
2	Dismantling (AR1613) :.Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	22.5	Sqm
3	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	-	9.675	Cum
4	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.	-	0.9675	Cum
i)	BRM029 : Sand for filling and road blinding	1	0.9675	1 Cum
5	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.	-	1.935	Cum
i)	BRM340 : Cement	2.29	4.43115	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.9288	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1.8576	1 Cum.
6	Masonry Stone Work (AR0717) :.Laterite stone masonry - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.	-	2.660625	Cum

i)	BRM340 : Cement	0.572	1.5218775	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.24	0.63855	1 Cum
iii)	BRM079 : Laterite Stone rough dressed	1	2.660625	1 Cum.
7	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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 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.	-	23.3475	Cum
i)	BRM340 : Cement	0.672	15.68952	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	6.5373	1 Cum
iii)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm² with dimensional tolerance ± 2 %	350	8171.625	1000 Nos
8	Plastering (AR1004) :.12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	233.605	Sqm
i)	BRM340 : Cement	0.0358	8.363059	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	3.504075	1 Cum
9	Plastering (AR1041) :.Finishing wall cement washing one coat on the inner surface - Finishing wall cement washing one coat on the inner surface of on new work including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge.	-	233.605	Sqm
i)	BRM340 : Cement	0.010763440860215	2.5143936021505	1 Qntl.
10	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	234.14	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	29.2675	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	21.148129032258	1 Ltr

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	0.9675	1 Cum	43.25	41.844375
2	BRM028	11.608725	1 Cum	43.25	502.07735625

3	BRM044	1.8576	1 Cum.	158.5	294.4296
4	BRM079	2.660625	1 Cum.	182.5	485.5640625
					Total: 1323.91539375

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 2685	Rs. 2685
2	Contingency @ 1%	Rs. 2448.1446119915
		Total Addition Component Amount (in Rs.): 5133.1446119915

DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Contingency @ Rs. 2440.51	Rs. 2440.51
2	Royalty @ Rs. 1027.537125	Rs. 1027.537125
3	Additional Royalty @ Rs. 142.2477	Rs. 142.2477
4	EMF @ Rs. 51.37685625	Rs. 51.37685625
5	DMF @ Rs. 102.7537125	Rs. 102.7537125
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.945) @ 268.26	Rs. 268.26
7	Labour Cess @ 1%	Rs. 2499.4760581114
		Total Deduction Component Amount (in Rs.): 6532.1614518614

Total Net Amount (in Rs.): 243415.44435928