

BILLING DPR							
State	Odisha	District	Ganjam	Block	Surada	Gram Panchayat	Nuagada
Work Code	OD/354/3385/118035/410909/00064642 (Repair and maintenance of Elementary school at Kesara)						
Project Category	Building						
Financial Year	2024-25		Execution Level		PS		
Executing Agency	Panchayat Samiti, Surada		Bill Status		1st Bill		
Proposal Date	-		Date of Commencement		17-11-2025		
Date of Completion	-		Scheme Name		Construction of Additional Class Room in Elementary Schools		
Scheme Component Name	Self/Personal Deposit		Project Sub-Category		Elementary School		
Project Type	Repair and Maintenance		Name of Executant				

Administrative Approval Details

Approval No.	OD/354/3385/118035/410909/00064642/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3385/118035/410909/00064642/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	150000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	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	0.909	240.77592	8325.093777003
2	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	0.4545	672.986432	8325.093777003

3	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	0.4545	5404.53235736	8325.093777003
4	Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 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 & royalty of materials as per direction of Engineer-in-charge.	Sqm	152.7097	355.5449598472	8325.093777003
5	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.	Cum	10.25982	5039.069502048	8325.093777003
6	Masonry Brick Work (AR0610d) : Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75kg/cm2 (400mm x 100mm x 150mm size) - Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75kg/cm2 (300mm x 200mm x 150mm size) in cement mortar (1:6) in foundation and plinth immersing the concrete solid Block 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	1.971	4988.535779158	8325.093777003
7	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.	Sqm	74.288	244.141695712	8325.093777003
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	49.005	169.8825380472	8325.093777003
Total Amount (in Rs.): 145270.5039031					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	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	-	0.909	Cum
i	Un-Skilled	0.516	0.469044	-
2	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.	-	0.4545	Cum
i	Un-Skilled	0.1236	0.0561762	-
3	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.	-	0.4545	Cum
i	Skilled	0.18	0.08181	-
ii	Un-Skilled	3.9	1.77255	-
4	Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 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 & royalty of materials as per direction of Engineer-in-charge.	-	152.7097	Sqm
i	Un-Skilled	0.36	54.975492	-
ii	Highly-Skilled	0.13	19.852261	-
5	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/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.	-	10.25982	Cum
i	Un-Skilled	2.96	30.3690672	-
ii	Skilled	1.05	10.772811	-
iii	Highly-Skilled	0.35	3.590937	-
6	Masonry Brick Work (AR0610d) : Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75kg/cm² (400mm x 100mm x 150mm size) - Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75kg/cm ² (300mm x 200mm x 150mm size) in cement mortar (1:6) in foundation and plinth immerging the concrete solid Block 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.	-	1.971	Cum

i	Un-Skilled	2.96	5.83416	-
ii	Skilled	1.05	2.06955	-
iii	Highly-Skilled	0.35	0.68985	-
7	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.	-	74.288	Sqm
i	Un-Skilled	0.24	17.82912	-
ii	Skilled	0.16	11.88608	-
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.	-	49.005	Sqm
i	Un-Skilled	0.12	5.8806	-
ii	Skilled	0.14	6.8607	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	117.1862094	462	54140.0287428
2	Skilled	31.670951	562	17799.074462
3	Highly-Skilled	24.133048	612	14769.425376
Total:				86708.5285808

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Measurement Qty)	Unit
1	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	-	0.909	Cum
2	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.	-	0.4545	Cum
i)	BRM029 : Sand for filling and road blinding	1	0.4545	1 Cum

3	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.	-	0.4545	Cum
i)	BRM340 : Cement	2.29	1.040805	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.21816	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.43632	1 Cum.
4	Flooring (AR0802ii) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 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 & royalty of materials as per direction of Engineer-in-charge.	-	152.7097	Sqm
i)	BRM340 : Cement	0.0858	13.10249226	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	1.8325164	1 Cum
iii)	BRM057 : 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)(Hand broken)	0.023	3.5123231	1 Cum.
5	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.	-	10.25982	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	10.25982	1 Cum
ii)	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 %	400	4103.928	1000 Nos
iii)	BRM340 : Cement	0.672	6.89459904	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28	2.8727496	1 Cum
6	Masonry Brick Work (AR0610d) :.Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75kg/cm2 (400mm x 100mm x 150mm size) - Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75kg/cm2 (300mm x 200mm x 150mm size) in cement mortar (1:6) in foundation and plinth immersing the concrete solid Block 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.	-	1.971	Cum
i)	BRM011 : Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75kg/cm2 (300mm x 200mm x 150mm size)	93	183.303	Each
ii)	BRM340 : Cement	0.672	1.324512	1 Qntl.

iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.55188	1 Cum
7	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.	-	74.288	Sqm
i)	BRM340 : Cement	0.043	3.194384	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.337184	1 Cum
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.	-	49.005	Sqm
i)	BRM340 : Cement	0.0358	1.754379	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.735075	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	0.4545	1 Cum	403.97	183.604365
2	BRM340	27.3111713	1 Qntl.	593.017	16195.988870812
3	BRM028	7.547565	1 Cum	407.34	3074.4251271
4	BRM044	0.43632	1 Cum.	1336.36	583.0805952
5	BRM057	3.5123231	1 Cum.	1411.11	4956.274249641
6	BRMMR0025	10.25982	1 Cum	33	338.57406
7	BRM006	4103.928	1000 Nos	5.36398	22013.38771344
8	BRM011	183.303	Each	22.887727	4195.389022281
Total: 51540.724003474					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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	-	0.909	Cum

2	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.	-	0.4545	Cum
i)	BRM029 : Sand for filling and road blinding	1	0.4545	1 Cum
3	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.	-	0.4545	Cum
i)	BRM340 : Cement	2.29	1.040805	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.21816	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.43632	1 Cum.
4	Flooring (AR0802ii) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 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 & royalty of materials as per direction of Engineer-in-charge.	-	152.7097	Sqm
i)	BRM340 : Cement	0.0858	13.10249226	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	1.8325164	1 Cum
iii)	BRM057 : 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)(Hand broken)	0.023	3.5123231	1 Cum.
5	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.	-	10.25982	Cum
i)	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 %	400	4103.928	1000 Nos
ii)	BRM340 : Cement	0.672	6.89459904	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	2.8727496	1 Cum
6	Masonry Brick Work (AR0610d) :.Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75kg/cm2 (400mm x 100mm x 150mm size) - Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75kg/cm2 (300mm x 200mm x 150mm size) in cement mortar (1:6) in foundation and plinth immersing the concrete solid Block 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.	-	1.971	Cum

i)	BRM011 : Cement concrete solid Block machine mixed and Hydraulic compressed having crushing strength not less than 75kg/cm ² (300mm x 200mm x 150mm size)	93	183.303	Each
ii)	BRM340 : Cement	0.672	1.324512	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.55188	1 Cum
7	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.	-	74.288	Sqm
i)	BRM340 : Cement	0.043	3.194384	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.337184	1 Cum
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.	-	49.005	Sqm
i)	BRM340 : Cement	0.0358	1.754379	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.735075	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	0.4545	1 Cum	205.25	93.286125
2	BRM028	7.547565	1 Cum	205.25	1549.13771625
3	BRM044	0.43632	1 Cum.	290.5	126.75096
4	BRM057	3.5123231	1 Cum.	290.5	1020.32986055
Total: 2789.5046618					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 3000	Rs. 3000
2	Contingency @ Rs. 1500	Rs. 1500
3	Provision for survey investigation and quality control @ Rs. 100	Rs. 100
Total Addition Component Amount (in Rs.): 4600		

DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Contingency @ Rs. 1500	Rs. 1500

2	Royalty @ Rs. 793.395878	Rs. 793.395878
3	Additional Royalty @ Rs. 1877.0994021	Rs. 1877.0994021
4	EMF @ Rs. 39.6697939	Rs. 39.6697939
5	DMF @ Rs. 79.3395878	Rs. 79.3395878
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 4 x 3.945) @ 228.81	Rs. 228.81
7	Labour Cess @ Rs. 1500	Rs. 1500
		Total Deduction Component Amount (in Rs.): 6018.3146618

Total Net Amount (in Rs.): 143852.1892413