

ESTIMATION DPR							
State	Odisha	District	Kendujhar	Block	Anandapur	Gram Panchayat	Dhakothe

Work Code	OD/361/3443/119253/386882/00071746 (Repair & Maintenance of PS Building)
Project Category	Other Infrastructure

Financial Year	2021-22	Execution Level	PS
Executing Agency	Panchayat Samiti, Anandapur	Proposal Date	-
Date of Commencement	11-02-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Primary School Building
Project Sub-Category	Boundary Wall	Project Type	New Work
Name of Executant	Prashanta Kumar Panda		

Administrative Approval Details

Approval No.	OD/361/3443/119253/386882/00071746/AS
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Technical Sanction Details

Technical Sanction No.	OD/361/3443/119253/386882/00071746/TS
Fund Sanction No.	399/30112021
Fund Sanction Amount (in Rs.)	266560

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Dismantling (AR1621) : Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	Sqm	40.939172	77.77	46286.509175126

2	<p>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.</p>	Sqm	102.302409	100.34838709677	46286.509175126
3	<p>Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in charge. (Old Work)</p>	Sqm	40.939172	764.6631982146	46286.509175126

4	<p>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	Sqm	102.302409	1026.0174437722	46286.509175126
5	<p>Painting (AR0919) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) - Finishing wall One Coat with plastic emulsion paint of approved shades on old 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>	Sqm	335.95174312	60.7610195025	46286.509175126

6	<p>Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)</p>	Sqm	185.023356	156.90369241901	46286.509175126
7	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specificaion and direction of Engineer-in charge.</p>	Cum	2.29796	7585.56241234	46286.509175126

8	Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer 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.	Sqm	635.18159924	72.871300476129	46286.509175126
Total Amount (in Rs.): 262879.90184536					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Dismantling (AR1621) : Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	40.939172	Sqm
i	Un-Skilled	0.16666666666667	6.82319533333333	-

2	<p>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.</p>	-	102.302409	Sqm
i	Un-Skilled	0.21505376344086	22.000518064516	-
3	<p>Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in-charge. (Old Work)</p>	-	40.939172	Sqm
i	Un-Skilled	1.008	41.266685376	-
ii	Highly-Skilled	0.165	6.75496338	-

4	<p>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	102.302409	Sqm
i	Un-Skilled	0.216	22.097320344	-
ii	Highly-Skilled	0.216	22.097320344	-
5	<p>Painting (AR0919) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) - Finishing wall One Coat with plastic emulsion paint of approved shades on old 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>	-	335.95174312	Sqm
i	Un-Skilled	0.043	14.44592495416	-
ii	Highly-Skilled	0.036	12.09426275232	-

6	<p>Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)</p>	-	185.023356	Sqm
i	Un-Skilled	0.11776344086022	21.788987042065	-
ii	Highly-Skilled	0.10776344086022	19.938753482065	-
7	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specifaion and direction of Engineer-in charge.</p>	-	2.29796	Cum
i	Un-Skilled	4.6	10.570616	-
ii	Skilled	0.68	1.5626128	-

8	Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer 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.	-	635.18159924	Sqm
i	Highly-Skilled	0.053763440860215	34.149548346237	-
ii	Un-Skilled	0.053763440860215	34.149548346237	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	173.14279546031	462	79991.971502663
1	Highly-Skilled	95.034848304621	612	58161.327162428
2	Skilled	1.5626128	562	878.1883936
Total: 139031.48705869				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1621) :.Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface,lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	40.939172	Sqm

2	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.	-	102.302409	Sqm
3	Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in charge. (Old Work)	-	40.939172	Sqm
i)	BRM340 : Cement	0.1287	5.2688714364	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.736905096	1 Cum
iii)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	0.736905096	1 Cum.
iv)	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)	0.018	0.736905096	1 Cum.

4	<p>Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	102.302409	Sqm
i)	BRM174 : White Cement.	0.0076	0.7774983084	1Qntl
ii)	BRM340 : Cement	0.1074	10.9872787266	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	2.148350589	1 Cum
iv)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	102.302409	1 Sqm.
5	<p>Painting(AR0919) :.Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) - Finishing wall One Coat with plastic emulsion paint of approved shades on old 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>	-	335.95174312	Sqm
i)	BRM140 : Plastic Emulsion paint	0.075	25.196380734	1 Litre

6	<p>Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)</p>	-	185.023356	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	23.1279195	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	15.541961904	1 Ltr
7	<p>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specifaion and direction of Engineer-in charge.</p>	-	2.29796	Cum
i)	BRM340 : Cement	3.23	7.4224108	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.034082	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)	0.9	2.068164	1 Cum.

8	Painting(AR0901di) :.Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer 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.	-	635.18159924	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	57.371241221677	1 Ltr

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	23.678560963	1 Qntl.	602.727	14271.708013546
2	BRM028	3.919337685	1 Cum	1018.91	3993.4523606233
3	BRM064	0.736905096	1 Cum.	1647.01	1213.690062163
4	BRM056	2.805069096	1 Cum.	2166.81	6078.0517679038
5	BRM174	0.7774983084	1Qntl	2065.747	1606.1147980824
6	BRM131	102.302409	1 Sqm.	667.2266671	68258.895393371
7	BRM140	25.196380734	1 Litre	243.48567	6134.9576445931
8	BRM255	23.1279195	1 Ltr	195.27567	4516.3199760686
9	BRM252	15.541961904	1 Ltr	125.98567	1958.0644835899
10	BRM253	57.371241221677	1 Ltr	159.51567	9151.6119822075
Total: 117182.86648215					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1621) :.Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface,lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	40.939172	Sqm

2	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.	-	102.302409	Sqm
3	Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in charge. (Old Work)	-	40.939172	Sqm
i)	BRM340 : Cement	0.1287	5.2688714364	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.736905096	1 Cum
iii)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	0.736905096	1 Cum.
iv)	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)	0.018	0.736905096	1 Cum.

4	<p>Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	102.302409	Sqm
i)	BRM174 : White Cement.	0.0076	0.7774983084	1Qntl
ii)	BRM340 : Cement	0.1074	10.9872787266	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	2.148350589	1 Cum
iv)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	102.302409	1 Sqm.
5	<p>Painting(AR0919) :.Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) - Finishing wall One Coat with plastic emulsion paint of approved shades on old 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>	-	335.95174312	Sqm
i)	BRM140 : Plastic Emulsion paint	0.075	25.196380734	1 Litre

6	Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)	-	185.023356	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	23.1279195	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	15.541961904	1 Ltr
7	Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specifaion and direction of Engineer-in charge.	-	2.29796	Cum
i)	BRM340 : Cement	3.23	7.4224108	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.034082	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)	0.9	2.068164	1 Cum.

8	Painting(AR0901di) :.Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer 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.	-	635.18159924	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	57.371241221677	1 Ltr

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	3.919337685	1 Cum	195.25	765.25068299625
2	BRM064	0.736905096	1 Cum.	264	194.542945344
3	BRM056	2.805069096	1 Cum.	264	740.538241344
Total: 1700.3318696842					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2665	Rs. 2665
2	Display Citizen Board @ Rs. 1015	Rs. 1015
Total Addition Component Amount (in Rs.): 3680		

Total Net Amount (in Rs.): 266559.90184536