

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Balangir	Gram Panchayat	Chikalbahal

Work Code	OD/345/3285/115784/420279/00038855 (Improvement of Primary School Building at Bandhkeda)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Balangir	Proposal Date	-
Date of Commencement	10-04-2026	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	Upgradation or Improvement
Name of Executant	Jyotranjan Mohanty		

Administrative Approval Details

Approval No.	OD/345/3285/115784/420279/00038855/AS
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Technical Sanction Details

Technical Sanction No.	OD/345/3285/115784/420279/00038855/TS
Fund Sanction No.	34989
Fund Sanction Amount (in Rs.)	200000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<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	46.823112	1006.1222220186	18838.940896875
2	<p>Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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)</p>	Sqm	64.63726225	57.241077420366	18838.940896875

3	<p>Painting (AR0921a) : Finishing wall surface with One Coat with distemper of approved shades above one coat oilbound Primer on old work (Inside) - Finishing wall surface with One Coat with distemper of approved shades above one coat oilbound Primer on old work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	Sqm	115.91971825	119.89012138871	18838.940896875
4	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)</p>	Sqm	114.456496	347.6881130852	18838.940896875

5	Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hard Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hard 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	3.5679168	5280.09534776	18838.940896875
Total Amount (in Rs.): 123341.41313375					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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)	-	46.823112	Sqm

	i	Un-Skilled	0.216	10.113792192	-
	ii	Highly-Skilled	0.216	10.113792192	-
2		Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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)	-	64.63726225	Sqm
	i	Un-Skilled	0.042752688172043	2.7634167172688	-
	ii	Highly-Skilled	0.022	1.4220197695	-
	iii	Skilled	0.0080645161290323	0.52126824395161	-

3	<p>Painting (AR0921a) : Finishing wall surface with One Coat with distemper of approved shades above one coat oilbound Primer on old work (Inside) - Finishing wall surface with One Coat with distemper of approved shades above one coat oilbound Primer on old work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	-	115.91971825	Sqm
	i Un-Skilled	0.093763440860215	10.869031646667	-
	ii Highly-Skilled	0.086763440860215	10.057593618917	-
4	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)</p>	-	114.456496	Sqm
	i Un-Skilled	0.36	41.20433856	-
	ii Highly-Skilled	0.1	11.4456496	-

5	Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	3.5679168	Cum
i	Un-Skilled	3.9	13.91487552	-
ii	Skilled	0.18	0.642225024	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	78.865454635935	462	36435.840041802
1	Highly-Skilled	33.039055180417	612	20219.901770415
2	Skilled	1.1634932679516	562	653.88321658881
Total: 57309.625028806				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<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>	-	46.823112	Sqm
i)	BRM174 : White Cement.	0.0076	0.3558556512	1Qntl
ii)	BRM340 : Cement	0.1074	5.0288022288	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.983285352	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	46.823112	1 Sqm.
2	<p>Painting(AR0918c) :.Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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)</p>	-	64.63726225	Sqm

i)	BRM143 : Cement paint	0.25	16.1593155625	1 Kg.
ii)	BRM340 : Cement	0.010763440860215	0.69571934959409	1 Qntl.
3	Painting(AR0921a) :.Finishing wall surface with One Coat with distemper of approved shades above one coat oilbound Primer on old work (Inside) - Finishing wall surface with One Coat with distemper of approved shades above one coat oilbound Primer on old work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	115.91971825	Sqm
i)	BRM142 : Distemper	0.166	19.2426732295	1 Kg.
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	9.737256333	1 Ltr
4	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)	-	114.456496	Sqm
i)	BRM340 : Cement	0.1208	13.8263447168	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	1.9343147824	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.	0.0169	1.9343147824	1 Cum.
5	Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	3.5679168	Cum
i)	BRM340 : Cement	2.29	8.170529472	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.712600064	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	3.425200128	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM174	0.3558556512	1Qntl	2059.802	732.99218205306
2	BRM340	27.721395767194	1 Qntl.	546.802	15158.114648293
3	BRM028	4.6302001984	1 Cum	587.25	2719.0850665104
4	BRM131	46.823112	1 Sqm.	665.5902781	31165.008137587
5	BRM143	16.1593155625	1 Kg.	48.25622	779.78748683342
6	BRM142	19.2426732295	1 Kg.	70.52622	1357.1130055718
7	BRM252	9.737256333	1 Ltr	125.92622	1226.1758831858
8	BRM064	1.9343147824	1 Cum.	1412.65	2732.5097773574
9	BRM045	3.425200128	1 Cum.	1349.81	4623.3693847757
Total: 60494.155572168					

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Measurement Qty)	Unit
1	<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>	-	46.823112	Sqm
i)	BRM174 : White Cement.	0.0076	0.3558556512	1Qntl
ii)	BRM340 : Cement	0.1074	5.0288022288	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.983285352	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	46.823112	1 Sqm.

2	Painting(AR0918c) :.Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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)	-	64.63726225	Sqm
i)	BRM143 : Cement paint	0.25	16.1593155625	1 Kg.
ii)	BRM340 : Cement	0.010763440860215	0.69571934959409	1 Qntl.
3	Painting(AR0921a) :.Finishing wall surface with One Coat with distemper of approved shades above one coat oilbound Primer on old work (Inside) - Finishing wall surface with One Coat with distemper of approved shades above one coat oilbound Primer on old work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	115.91971825	Sqm
i)	BRM142 : Distemper	0.166	19.2426732295	1 Kg.
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	9.737256333	1 Ltr

4	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)	-	114.456496	Sqm
i)	BRM340 : Cement	0.1208	13.8263447168	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	1.9343147824	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.	0.0169	1.9343147824	1 Cum.
5	Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	3.5679168	Cum
i)	BRM340 : Cement	2.29	8.170529472	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.712600064	1 Cum

iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	3.425200128	1 Cum.
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S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	4.6302001984	1 Cum	101.25	468.807770088
2	BRM064	1.9343147824	1 Cum.	248.5	480.6772234264
3	BRM045	3.425200128	1 Cum.	248.5	851.162231808
Total: 1800.6472253224					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2000	Rs. 2000
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 71650	Rs. 71650
Total Addition Component Amount (in Rs.): 76650		

Total Net Amount (in Rs.): 199991.41313375