

ESTIMATION DPR							
State	Odisha	District	Jagatsinghpur	Block	Jagatsinghpur	Gram Panchayat	Balarampur

Work Code	OD/355/3389/118120/397957/00013701 (Repair & Maintenance of Balarampur Pry. School)						
Project Category	Building						

Financial Year	2021-22	Execution Level	PS
Executing Agency	Panchayat Samiti, Jagatsinghpur	Proposal Date	11-02-2024
Date of Commencement	12-09-2025	Date of Completion	28-01-2026
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Primary School Building
Project Sub-Category	Elementary School	Project Type	New Work
Name of Executant	Bijaya Kumar Patra		

Administrative Approval Details

Approval No.	OD/355/3389/118120/397957/00013701/AS
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Technical Sanction Details

Technical Sanction No.	OD/355/3389/118120/397957/00013701/TS
Fund Sanction No.	19582
Fund Sanction Amount (in Rs.)	175000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p>Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.</p>	Sqm	84.320042724631	1049.5989568598	4133.5051128516
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2	<p>Flooring (AR0817ab) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	Sqm	9.125831217816	1572.315203361	4133.5051128516
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3	<p>Painting (AR0922k) : Finishing wall two coats with distemper of approved shades on new work (Inside)(For repair and maintenance). - 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)(For Repair and maintenance)</p>	Sqm	168.00323557007	80.056970775	4133.5051128516
4	<p>Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.</p>	Sqm	31.28508525	230.34345832053	4133.5051128516

5	<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	82.836820502597	100.34838709677	4133.5051128516
6	<p>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.</p>	Sqm	10.487355340806	50.174193548387	4133.5051128516

7	<p>Painting (AR0918hk) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance). - Finishing wall with two coats weather coat paint of approved shade including one coat of water 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)(For repair and maintenance).</p>	Sqm	127.2359231272	163.14652836363	4133.5051128516
8	<p>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.</p>	Sqm	194.26208271407	71.83248932951	4133.5051128516

9	Plastering (AR1014k) : 16mm thick cement Plaster in CM (1:6) over brick work in inside (inside)(For repair and maintenance) . - 16mm thick cement Plaster in CM (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(For repair and maintenance).	Sqm	16.766947634	246.526988876	4133.5051128516
Total Amount (in Rs.): 171191.72606792					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.	-	84.320042724631	Sqm

	i	Un-Skilled	0.216	18.21312922852	-
	ii	Highly-Skilled	0.216	18.21312922852	-
2		<p>Flooring (AR0817ab) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	-	9.125831217816	Sqm
	i	Highly-Skilled	0.325	2.9658951457902	-
	ii	Un-Skilled	0.325	2.9658951457902	-
	iii	Semi-Skilled	0.76	6.9356317255402	-

3	<p>Painting (AR0922k) : Finishing wall two coats with distemper of approved shades on new work (Inside)(For repair and maintenance). - 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)(For Repair and maintenance)</p>	-	168.00323557007	Sqm
i	Highly-Skilled	0.05304	8.9108916146365	-
ii	Un-Skilled	0.06324	10.624524617451	-
4	<p>Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.</p>	-	31.28508525	Sqm
i	Highly-Skilled	0.18817204301075	5.8869784072581	-
ii	Un-Skilled	0.17204301075269	5.3823802580645	-

5	<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>	-	82.836820502597	Sqm
i	Un-Skilled	0.21505376344086	17.814370000558	-
6	<p>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.</p>	-	10.487355340806	Sqm
i	Un-Skilled	0.10752688172043	1.127672617291	-

7	<p>Painting (AR0918hk) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance). - Finishing wall with two coats weather coat paint of approved shade including one coat of water 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)(For repair and maintenance).</p>	-	127.2359231272	Sqm
i	Un-Skilled	0.12011870967742	15.283414910655	-
ii	Highly-Skilled	0.10991870967742	13.985608494757	-
8	<p>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.</p>	-	194.26208271407	Sqm

	i	Highly-Skilled	0.053763440860215	10.44419799538	-
	ii	Un-Skilled	0.053763440860215	10.44419799538	-
9		Plastering (AR1014k) : 16mm thick cement Plaster in CM (1:6) over brick work in inside (inside)(For repair and maintenance) . - 16mm thick cement Plaster in CM (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(For repair and maintenance).	-	16.766947634	Sqm
	i	Un-Skilled	0.2448	4.1045487808032	-
	ii	Skilled	0.1632	2.7363658538688	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	85.960133554514	462	39713.581702185
1	Highly-Skilled	60.406700886342	612	36968.900942442
2	Semi-Skilled	6.9356317255402	512	3551.0434434766
3	Skilled	2.7363658538688	562	1537.8376098743
Total: 81771.363697978				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<p>Other Building Items. (AR1901Ba) :.Vitrified Tile 600mmx600mm Coloured /Printed - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.</p>	-	84.320042724631	Sqm
i)	<p>BRM132 : 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 Coloured / Printed series(Homogeneous)</p>	1	84.320042724631	1 Sqm.
ii)	<p>BRM174 : White Cement.</p>	0.0076	0.6408323247072	1Qntl
iii)	<p>BRM340 : Cement</p>	0.1074	9.0559725886254	1 Qntl.
iv)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.021	1.7707208972173	1 Cum

2	<p>Flooring (AR0817ab) :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	-	9.125831217816	Sqm
i)	<p>BRM132 : 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 Coloured / Printed series(Homogeneous)</p>	1	9.125831217816	1 Sqm.
ii)	<p>BRMMR0027 : Wax Polish</p>	1	9.125831217816	1 Sqm
iii)	<p>CON026 : cement (Other way)</p>	0.1375	1.2548017924497	1000 kg
iv)	<p>BRM340 : Cement</p>	0.1375	1.2548017924497	1 Qntl.
v)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.13688746826724	1 Cum

3	<p>Painting(AR0922k) :.Finishing wall two coats with distemper of approved shades on new work (Inside)(For repair and maintenance). - 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)(For Repair and maintenance)</p>	-	168.00323557007	Sqm
i)	BRM142 : Distemper	0.25	42.000808892517	1 Kg.
4	<p>Painting(AR0903b) :.Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.</p>	-	31.28508525	Sqm
i)	BRM137 : Red oxide Primer	0.054	1.6893946035	1 Litre
ii)	BRM141 : Enamel paint	0.125	3.91063565625	1 Litre
5	<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>	-	82.836820502597	Sqm

6	<p>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.</p>	-	10.487355340806	Sqm
7	<p>Painting(AR0918hk) :.Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance). - Finishing wall with two coats weather coat paint of approved shade including one coat of water 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)(For repair and maintenance).</p>	-	127.2359231272	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	15.9044903909	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	11.492276927618	1 Ltr

8	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.	-	194.26208271407	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	16.318014947982	1 Ltr
9	Plastering (AR1014k) :.16mm thick cement Plaster in CM (1:6) over brick work in inside (inside)(For repair and maintenance) . - 16mm thick cement Plaster in CM (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(For repair and maintenance).	-	16.766947634	Sqm
i)	BRM340 : Cement	0.043	0.720978748262	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.301805057412	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM132	93.445873942447	1 Sqm.	705.3611111	65913.085471755
2	BRM174	0.6408323247072	1Qntl	2041.967	1308.5584595854
3	BRM340	11.031753129337	1 Qntl.	603.877	6661.8219844847
4	BRM028	2.2094134228965	1 Cum	412.82	912.09004924013
5	BRMMR0027	9.125831217816	1 Sqm	8.5	77.569565351436
6	CON026	1.2548017924497	1000 kg	0	0

7	BRM142	42.000808892517	1 Kg.	70.34787	2954.6674438657
8	BRM137	1.6893946035	1 Litre	142.94787	241.49536015982
9	BRM141	3.91063565625	1 Litre	205.58787	803.97925491449
10	BRM255	15.9044903909	1 Ltr	195.03787	3101.9779292766
11	BRM253	27.8102918756	1 Ltr	159.27787	4429.5640540239
					Total: 86404.809572657

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Other Building Items. (AR1901Ba) :.Vitrified Tile 600mmx600mm Coloured /Printed - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.	-	84.320042724631	Sqm
i)	BRM132 : 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 Coloured / Printed series(Homogeneous)	1	84.320042724631	1 Sqm.
ii)	BRM174 : White Cement.	0.0076	0.6408323247072	1Qntl
iii)	BRM340 : Cement	0.1074	9.0559725886254	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.7707208972173	1 Cum

2	<p>Flooring (AR0817ab) :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	-	9.125831217816	Sqm
i)	<p>BRM132 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Coloured / Printed series(Homogeneous)</p>	1	9.125831217816	1 Sqm.
ii)	<p>BRM340 : Cement</p>	0.1375	1.2548017924497	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.13688746826724	1 Cum

3	<p>Painting(AR0922k) :.Finishing wall two coats with distemper of approved shades on new work (Inside)(For repair and maintenance). - 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)(For Repair and maintenance)</p>	-	168.00323557007	Sqm
i)	BRM142 : Distemper	0.25	42.000808892517	1 Kg.
4	<p>Painting(AR0903b) :.Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.</p>	-	31.28508525	Sqm
i)	BRM137 : Red oxide Primer	0.054	1.6893946035	1 Litre
ii)	BRM141 : Enamel paint	0.125	3.91063565625	1 Litre
5	<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>	-	82.836820502597	Sqm

6	<p>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.</p>	-	10.487355340806	Sqm
7	<p>Painting(AR0918hk) :.Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance). - Finishing wall with two coats weather coat paint of approved shade including one coat of water 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)(For repair and maintenance).</p>	-	127.2359231272	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	15.9044903909	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	11.492276927618	1 Ltr

8	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.	-	194.26208271407	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	16.318014947982	1 Ltr
9	Plastering (AR1014k) :.16mm thick cement Plaster in CM (1:6) over brick work in inside (inside)(For repair and maintenance) . - 16mm thick cement Plaster in CM (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(For repair and maintenance).	-	16.766947634	Sqm
i)	BRM340 : Cement	0.043	0.720978748262	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.301805057412	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.2094134228965	1 Cum	77.25	170.67718691875
Total: 170.67718691875					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
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1	Provision for Contingency @ Rs. 1800	Rs. 1800
2	Display Citizen Board @ Rs. 2000	Rs. 2000
Total Addition Component Amount (in Rs.): 3800		

Total Net Amount (in Rs.): 174991.72606792