

ESTIMATION DPR							
State	Odisha	District	Sonepur	Block	Sonepur	Gram Panchayat	Hardokhol

Work Code	OD/372/3570/121477/419558/00013492 (Repair & Maintenance of Pr. School Building at Majhimunda)
Project Category	Building

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Sonepur	Proposal Date	27-10-2021
Date of Commencement	19-12-2024	Date of Completion	20-01-2025
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	Smt Supriya Guru		

Administrative Approval Details

Approval No.	OD/372/3570/121477/419558/00013492/AS
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Technical Sanction Details

Technical Sanction No.	OD/372/3570/121477/419558/00013492/TS
Fund Sanction No.	19600
Fund Sanction Amount (in Rs.)	100000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	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.	Sqm	52.349998474121	97.204301075269	18441.279107089

2	<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	57.015	1168.37099978	18441.279107089
3	<p>Painting (AR0918f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) - Finishing wall with two coat weather coat paint of approved shade 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)</p>	Sqm	83.16	86.6738910875	18441.279107089

4	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.	Cum	2.51895	7321.01832394	18441.279107089
Total Amount (in Rs.): 97352.39745535					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	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.	-	52.349998474121	Sqm
i	Un-Skilled	0.21505376344086	11.258064187983	-

2	<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>	-	57.015	Sqm
i	Un-Skilled	0.216	12.31524	-
ii	Highly-Skilled	0.216	12.31524	-
3	<p>Painting (AR0918f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) - Finishing wall with two coat weather coat paint of approved shade 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)</p>	-	83.16	Sqm
i	Un-Skilled	0.064	5.32224	-

	ii	Highly-Skilled	0.054	4.49064	-
4		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.	-	2.51895	Cum
	i	Un-Skilled	4.6	11.58717	-
	ii	Skilled	0.68	1.712886	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	40.482714187983	452	18298.186812968
1	Highly-Skilled	16.80588	602	10117.13976
2	Skilled	1.712886	552	945.513072
Total:				29360.839644968

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	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.	-	52.349998474121	Sqm
2	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.	-	57.015	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	57.015	1 Sqm.
ii)	BRM174 : White Cement.	0.0076	0.433314	1Qntl
iii)	BRM340 : Cement	0.1074	6.123411	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.197315	1 Cum

3	Painting(AR0918f) :.Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) - Finishing wall with two coat weather coat paint of approved shade 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)	-		83.16	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125		10.395	1 Ltr
4	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.	-		2.51895	Cum
i)	BRM340 : Cement	3.23		8.1362085	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45		1.1335275	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		2.267055	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM132	57.015	1 Sqm.	705.3611111	40216.163749367

2	BRM174	0.433314	1Qntl	2041.967	884.812888638
3	BRM340	14.2596195	1 Qntl.	572.407	8162.3060191365
4	BRM028	2.3308425	1 Cum	417.99	974.268856575
5	BRM255	10.395	1 Ltr	195.03787	2027.41865865
6	BRM056	2.267055	1 Cum.	2111.71	4787.36271405
Total: 57052.332886416					

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	52.349998474121	Sqm
2	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.	-	57.015	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	57.015	1 Sqm.

ii)	BRM174 : White Cement.	0.0076	0.433314	1Qntl
iii)	BRM340 : Cement	0.1074	6.123411	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.197315	1 Cum
3	Painting(AR0918f) :.Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) - Finishing wall with two coat weather coat paint of approved shade 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)	-	83.16	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	10.395	1 Ltr
4	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.	-	2.51895	Cum
i)	BRM340 : Cement	3.23	8.1362085	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.1335275	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	2.267055	1 Cum.
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S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.3308425	1 Cum	170.25	396.825935625
2	BRM056	2.267055	1 Cum.	279.5	633.6418725
Total: 1030.467808125					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 973.5239745535
2	Display Citizen Board @ Rs. 1674	Rs. 1674
Total Addition Component Amount (in Rs.): 2647.5239745535		

Total Net Amount (in Rs.): 99999.921429904