

BILLING DPR							
State	Odisha	District	Nuapada	Block	Boden	Gram Panchayat	Khaira

Work Code	OD/368/3531/120775/422082/00020899 (Repair & Maint. of Primary School Building at Sukalpur)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Boden	Bill Status	Final Bill
Proposal Date	07-08-2024	Date of Commencement	30-07-2025
Date of Completion	01-11-2025	Scheme Name	5th SFC Grant in Aid
Scheme Component Name	Maintenance of Primary School Building	Project Sub-Category	Elementary School
Project Type	Repair and Maintenance	Name of Executant	

Administrative Approval Details

Approval No.	OD/368/3531/120775/422082/00020899/AS
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Technical Sanction Details

Technical Sanction No.	OD/368/3531/120775/422082/00020899/TS
Fund Sanction No.	28923
Fund Sanction Amount (in Rs.)	300000

MATERIAL STATEMENT

Sl.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	-	2.475	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.	-	2.475	Cum
i)	BRM029 : Sand for filling and road blinding	1	2.475	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.	-	2.67	Cum
i)	BRM340 : Cement	2.29	6.1143	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.2816	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	2.5632	1 Cum.
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 specifaion and direction of Engineer-in charge.	-	0.245	Cum
i)	BRM340 : Cement	3.23	0.79135	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.11025	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	0.2205	1 Cum.
5	Flooring (AR0816j) :.Fixing Chequred Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Chequred Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Chequred tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	19.71	Sqm
i)	BRM134 : Chequred Tiles.	1	19.71	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	19.71	1 Sqm
iii)	BRM340 : Cement	0.2737	5.394627	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.25623	1 Cum
6	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.	-	104.94	Sqm

7	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)	-	104.94	Sqm
i)	BRM174 : White Cement.	0.0076	0.797544	1Qntl
ii)	BRM340 : Cement	0.1074	11.270556	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	2.20374	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	104.94	1 Sqm.
8	Flooring (AR0817aa) :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) 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 plain (Ivory) 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.	-	6.89	Sqm
i)	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	6.89	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	6.89	1 Sqm
iii)	BRM340 : Cement	0.1375	0.947375	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.10335	1 Cum
9	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.	-	526.6875	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	44.24175	1 Ltr
10	Painting(AR0920) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint 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)	-	114.04	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	14.255	1 Litre

11	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).	-	273.2125	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	34.1515625	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	24.677258064516	1 Ltr
12	miscellaneous(ARM287) :.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.	-	24.75	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	0.7425	1 Cum
ii)	BRMM287 : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	24.75	1 Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	3.2175	1 Cum	608.35	1957.366125
2	BRM340	24.518208	1 Qntl.	522.347	12807.012394176
3	BRM028	3.95517	1 Cum	613.29	2425.6662093
4	BRM044	2.5632	1 Cum.	1466.56	3759.086592
5	BRM056	0.2205	1 Cum.	1867.93	411.878565
6	BRM134	19.71	1 Sqm.	254.75	5021.1225
7	BRMMR0027	26.6	1 Sqm	8.5	226.1
8	BRM174	0.797544	1Qntl	2053.857	1638.041327208
9	BRM131	111.83	1 Sqm.	663.9538891	74249.963418053
10	BRM253	68.919008064516	1 Ltr	159.39677	10985.467277088
11	BRM140	14.255	1 Litre	249.70677	3559.57000635
12	BRM255	34.1515625	1 Ltr	195.15677	6664.9086279531
13	BRMM287	24.75	1 Sqm	608.4	15057.9

Total: 138764.08304213