

ESTIMATION DPR							
State	Odisha	District	Bargarh	Block	Paikmal	Gram Panchayat	Mithapalli

Work Code	OD/347/3320/116550/379769/00040341 (Repair & Maintenance of UGHS School Dunguripali)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Paikmal	Proposal Date	-
Date of Commencement	08-04-2026	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	Repair and Maintenance
Name of Executant	Bishok Kumar Patel		

Administrative Approval Details

Approval No.	OD/347/3320/116550/379769/00040341/AS
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Technical Sanction Details

Technical Sanction No.	OD/347/3320/116550/379769/00040341/TS
Fund Sanction No.	27871
Fund Sanction Amount (in Rs.)	500000

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	R.C.C. Work (AR0404Ac) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	3.928956	Cum
i)	BRM340 : Cement	3.4733	13.6464428748	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.7680302	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1.41442416	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	2.12163624	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.045339	0.178134936084	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.163165613724	1Cum.

2	R.C.C. Work (AR0404Ae) ∴ Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Stairs excluding landing but including railing)	-	2.036544256	Cum
i)	BRM340 : Cement	3.4733	7.0735291643648	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.9164449152	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.73315593216	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1.09973389824	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.01494	0.03042597118464	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.04806	0.09787631694336	1Cum.

3	R.C.C. Work (AR0404Ag) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	14.13574656	Cum
i)	BRM340 : Cement	3.4733	49.097688526848	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.361085952	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	5.0888687616	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	7.6333031424	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	1.083632195543	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.70985761215283	1Cum.

4	Plastering (AR1017) :.First Floor - 20mm thick cement Plaster in CM (1:4) over stone 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.	-	111.4836	Sqm
i)	BRM340 : Cement	0.0744	8.29437984	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	2.3411556	1 Cum
5	R.C.C. Work (AR0409) :.First floor - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	22.5	Qntl
i)	BRM341 : Steel	1.05	23.625	1 Qntl.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	11.3867166672	1 Cum	165.25	1881.6549292548
2	BRM060	7.23644885376	1 Cum.	249.5	1805.4939890131
3	BRM052	10.85467328064	1 Cum.	249.5	2708.2409835197

Total: 6395.3899017876