

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Sukruli	Gram Panchayat	Haladia

Work Code	OD/365/3508/120361/388760/00051197 (Repair & renovation of Dhangharbeda Primary school)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Sukruli	Proposal Date	-
Date of Commencement	14-11-2025	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	JEEBAN SINGH		

Administrative Approval Details

Approval No.	OD/365/3508/120361/388760/00051197/AS
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Technical Sanction Details

Technical Sanction No.	OD/365/3508/120361/388760/00051197/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	230000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	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)	Cum	10.730438984	12820.629836316	88919.294044586
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2	R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - 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.	Qntl	9.657	9207.7554152	88919.294044586
Total Amount (in Rs.): 226490.28023963					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	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)	-	10.730438984	Cum
i	Un-Skilled	1.3333	14.306894297367	-
ii	Skilled	3.15525	33.857217604266	-
iii	Semi-Skilled	3.11255	33.399027859649	-

2	R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - 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.	-	9.657	Qntl
i	Un-Skilled	0.8	7.7256	-
ii	Highly-Skilled	0.3	2.8971	-
iii	Semi-Skilled	0.044	0.424908	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	22.032494297367	462	10179.012365384
1	Skilled	33.857217604266	562	19027.756293597
2	Semi-Skilled	33.823935859649	512	17317.85516014
3	Highly-Skilled	2.8971	612	1773.0252
Total: 48297.649019122				

MATERIAL 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 (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)	-	10.730438984	Cum
i)	BRM340 : Cement	3.4733	37.270033723127	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.8286975428	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	3.86295803424	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	5.79443705136	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	66.760499182854	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.53885260054732	1Cum.

2	R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - 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.	-	9.657	Qntl
i)	BRM162 : Binding Wire.	0.8	7.7256	1 Kg.
ii)	BRM341 : Steel	1.05	10.13985	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	37.270033723127	1 Qntl.	653.11	24341.431724912
2	BRM028	4.8286975428	1 Cum	603.26	2912.9600796695
3	BRM060	3.86295803424	1 Cum.	1786.21	6900.0542703398
4	BRM052	5.79443705136	1 Cum.	1788.5	10363.350666357
5	BRM084	66.760499182854	1Mtr	316.75	21146.388116169
6	BRM104	0.53885260054732	1Cum.	58639.67	31598.138674737
7	BRM162	7.7256	1 Kg.	90	695.304
8	BRM341	10.13985	1 Qntl.	6840.29	69359.5145565
Total: 167317.14208868					

ROYALTY STATEMENT

Sl.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 (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)	-	10.730438984	Cum
i)	BRM340 : Cement	3.4733	37.270033723127	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.8286975428	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	3.86295803424	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	5.79443705136	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	0.82258472207446	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.53885260054732	1Cum.

2	R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - 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.	-	9.657	Qntl
i)	BRM341 : Steel	1.05	10.13985	1 Qntl.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	4.8286975428	1 Cum	457.25	2207.9219514453
2	BRM060	3.86295803424	1 Cum.	343.5	1326.9260847614
3	BRM052	5.79443705136	1 Cum.	343.5	1990.3891271422
Total: 5525.2371633489					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 3000	Rs. 3000
2	Any Other Lumpsum @ Rs. 509.5	Rs. 509.5
Total Addition Component Amount (in Rs.): 3509.5		

Total Net Amount (in Rs.): 229999.78023963