

ESTIMATION DPR							
State	Odisha	District	Rayagada	Block	Chandrapur	Gram Panchayat	Bijapur

Work Code	OD/370/3548/121126/425131/00028115 (Maintenance of U.P School at Kamipadar)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Chandrapur	Proposal Date	07-12-2024
Date of Commencement	-	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	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	28923
Fund Sanction Amount (in Rs.)	300000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p>Dismantling (AR1624) : Dismantling and removing R.C.C. columns beams slab staircase landing lintels - Dismantling and removing R.C.C. columns beams slab staircase landing lintels including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Cum	16.00334	1475.61	23614.6885374
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2	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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)</p>	Cum	4.566397	14500.668995835	66215.811400574
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3	<p style="text-align: center;">R.C.C. Work (AR0404Ag) :</p> <p>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)</p>	Cum	16.1303875	12746.800012905	205610.82359316
Total Amount (in Rs.): 295441.32353114					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Dismantling (AR1624) : Dismantling and removing R.C.C. columns beams slab staircase landing lintels - Dismantling and removing R.C.C. columns beams slab staircase landing lintels including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	16.00334	Cum
i	Un-Skilled	1.5	24.00501	-
ii	Semi-Skilled	1.5	24.00501	-
2	<p>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)</p>	-	4.566397	Cum
i	Un-Skilled	1.3333	6.0883771201	-

	ii	Skilled	5.33875	24.37885198375	-
	iii	Semi-Skilled	5.29605	24.18386683185	-
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)	-	16.1303875	Cum
	i	Un-Skilled	1.3333	21.50664565375	-
	ii	Skilled	3.15525	50.895405159375	-
	iii	Semi-Skilled	3.11255	50.206637613125	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	51.60003277385	462	23839.215141519

2	Semi-Skilled	98.395514444975	512	50378.503395827
3	Skilled	75.274257143125	562	42304.132514436
				Total: 116521.85105178

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1624) :.Dismantling and removing R.C.C. columns beams slab staircase landing lintels - Dismantling and removing R.C.C. columns beams slab staircase landing lintels including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	16.00334	Cum
2	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)	-	4.566397	Cum
i)	BRM340 : Cement	3.4733	15.8604667001	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.05487865	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	1.64390292	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	2.46585438	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	20.1816481812	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.189637901013	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)	-	16.1303875	Cum
i)	BRM340 : Cement	3.4733	56.02567490375	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.258674375	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	5.8069395	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	8.71040925	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	100.35681887	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.810022895165	1Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	71.88614160385	1 Qntl.	612.582	44036.15639597
2	BRM028	9.313553025	1 Cum	548.19	5105.5966327748
3	BRM060	7.45084242	1 Cum.	2085.28	15537.092681578
4	BRM052	11.17626363	1 Cum.	2048.9	22899.046551507
5	BRM084	120.5384670512	1Mtr	250.166	30154.62614833
6	BRM104	0.999660796178	1Cum.	58573.086	58553.217785362
Total: 176285.73619552					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	9.313553025	1 Cum	51.25	477.31959253125
2	BRM060	7.45084242	1 Cum.	417.5	3110.72671035
3	BRM052	11.17626363	1 Cum.	417.5	4666.090065525
Total: 8254.1363684063					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
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1	Provision for Contingency @ 1%	Rs. 2954.4132353114
2	Display Citizen Board @ Rs. 1600	Rs. 1600
Total Addition Component Amount (in Rs.): 4554.4132353114		

Total Net Amount (in Rs.): 299995.73676645