

ESTIMATION DPR							
State	Odisha	District	Khordha	Block	Chilika	Gram Panchayat	Chndeswar

Work Code	OD/362/3462/119640/408122/00066231 (Construction of CC Road from Village road to primary school chandeswar.)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Chilika	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance and improvement of Road infrastructure
Project Sub-Category	CC Road	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.	31142
Fund Sanction Amount (in Rs.)	186532

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;">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.</p>	Cum	13.682819344	6026.4049558	82458.210303998
2	<p style="text-align: center;">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 specifcaion and direction of Engineer-in charge.</p>	Cum	13.4398612	7457.4590886	100227.21505546

3	<p>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	Sqm	17.17962276	216.23489289764	3714.8338875305
Total Amount (in Rs.): 186400.25924699					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>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.</p>	-	13.682819344	Cum
i	Skilled	0.18	2.46290748192	-

	ii	Un-Skilled	3.9	53.3629954416	-
2		<p>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.</p>	-	13.4398612	Cum
	i	Un-Skilled	4.6	61.82336152	-
	ii	Skilled	0.68	9.139105616	-
3		<p>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	17.17962276	Sqm
	i	Semi-Skilled	0.05	0.858981138	-

ii	Skilled	0.05	0.858981138	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Skilled	12.46099423592	562	7003.078760587
2	Un-Skilled	115.1863569616	462	53216.096916259
3	Semi-Skilled	0.858981138	512	439.798342656
Total: 60658.974019502				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	13.682819344	Cum
i)	BRM340 : Cement	2.29	31.33365629776	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	6.56775328512	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	13.13550657024	1 Cum.

2	<p>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.</p>	-	13.4398612	Cum
i)	BRM340 : Cement	3.23	43.410751676	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.04793754	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	12.09587508	1 Cum.
3	<p>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	17.17962276	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0458695927692	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.16463246776	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	74.74440797376	1 Qntl.	572.954	42825.107526198
2	BRM028	12.61569082512	1 Cum	1108.49	13984.367122737
3	BRM044	13.13550657024	1 Cum.	1857.16	24394.737381987
4	BRM056	12.09587508	1 Cum.	2234.62	27029.68437127
5	BRM104	0.0458695927692	1Cum.	58573.086	2686.7236020553
6	BRM092	2.16463246776	1Mtr.	229.106	495.93028615862
Total: 111416.55029041					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	12.61569082512	1 Cum	43.25	545.62862818644
2	BRM044	13.13550657024	1 Cum.	199.5	2620.5335607629
3	BRM056	12.09587508	1 Cum.	199.5	2413.12707846
Total: 5579.2892674093					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 131	Rs. 131
Total Addition Component Amount (in Rs.): 131		

Total Net Amount (in Rs.): 186531.25924699