

ESTIMATION DPR							
State	Odisha	District	Jajpur	Block	Dharmasala	Gram Panchayat	Mirjapur

Work Code	OD/356/3397/118352/401313/00067007 (IMP. OF ROAD WITH CC /GR-II METALLING FROM GHODAMARA CHHAKA TO TARINI CHHAKA AT AURANGABAD)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Dharmasala	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	Mettalling 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.)	293940

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	23.76	5844.48586266	138864.9840968
2	<p style="text-align: center;">Concrete (AR0307) : Second floor - 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>	Cum	17.82	8173.91640742	145659.19038022

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	25.2	216.23489289764	5449.1193010205
Total Amount (in Rs.): 289973.29377805					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement 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>	-	23.76	Cum
i	Skilled	0.18	4.2768	-

	ii	Un-Skilled	3.9	92.664	-
2		Concrete (AR0307) : Second floor - 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 specification and direction of Engineer-in charge.	-	17.82	Cum
	i	Un-Skilled	6.0835	108.40797	-
	ii	Skilled	0.8993	16.025526	-
3		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	-	25.2	Sqm
	i	Semi-Skilled	0.05	1.26	-

ii	Skilled	0.05	1.26	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Skilled	21.562326	562	12118.027212
2	Un-Skilled	201.07197	462	92895.25014
3	Semi-Skilled	1.26	512	645.12
Total: 105658.397352				

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.	-	23.76	Cum
i)	BRM340 : Cement	2.29	54.4104	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	11.4048	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	22.8096	1 Cum.

2	Concrete (AR0307) : Second floor - 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.	-		17.82	Cum
i)	BRM340 : Cement	3.23		57.5586	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45		8.019	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		16.038	1 Cum.
3	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	-		25.2	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267		0.067284	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126		3.1752	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
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1	BRM340	111.969	1 Qntl.	580.557	65004.386733
2	BRM028	19.4238	1 Cum	352.89	6854.464782
3	BRM044	22.8096	1 Cum.	1607.21	36659.817216
4	BRM056	16.038	1 Cum.	2053.01	32926.17438
5	BRM104	0.067284	1Cum.	58573.086	3941.031518424
6	BRM092	3.1752	1Mtr.	229.106	727.4573712
Total: 146113.33200062					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	19.4238	1 Cum	309.35	6008.75253
2	BRM044	22.8096	1 Cum.	488.75	11148.192
3	BRM056	16.038	1 Cum.	488.75	7838.5725
Total: 24995.51703					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1452	Rs. 1452
2	Display Citizen Board @ Rs. 1500	Rs. 1500
3	Any Other Lumpsum @ Rs. 1014.7	Rs. 1014.7
Total Addition Component Amount (in Rs.): 3966.7		

Total Net Amount (in Rs.): 293939.99377805