

ESTIMATION DPR							
State	Odisha	District	Khordha	Block	Chilika	Gram Panchayat	Sorana

Work Code	OD/362/3462/119649/408151/00064097 (CONSTRUCTION OF CC ROAD AT JAGANNATHPUR AWC.)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Chilika	Proposal Date	-
Date of Commencement	26-11-2025	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.	OD/362/3462/119649/408151/00064097/AS
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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 (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>	Cum	10.86515616	7457.4590886	81026.45755445
2	<p style="text-align: center;">Masonry Stone Work (AR0717) : Laterite stone masonry - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in- charge.</p>	Cum	6.784138944	5754.16119704	39037.029066893

3	<p align="center">Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hard Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hard 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	10.86515616	5824.8348118	63287.739836411
Total Amount (in Rs.): 183351.22645775					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<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>	-	10.86515616	Cum

	i	Un-Skilled	4.6	49.979718336	-
	ii	Skilled	0.68	7.3883061888	-
2		Masonry Stone Work (AR0717) : Laterite stone masonry - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.	-	6.784138944	Cum
	i	Un-Skilled	1.21	8.20880812224	-
	ii	Skilled	1.05	7.1233458912	-
	iii	Highly-Skilled	2.295	15.56959887648	-
	iv	Semi-Skilled	1.41	9.56563591104	-

3	Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	10.86515616	Cum
i	Un-Skilled	3.9	42.374109024	-
ii	Skilled	0.18	1.9557281088	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	100.56263548224	462	46459.937592795
2	Skilled	16.4673801888	562	9254.6676661056
3	Highly-Skilled	15.56959887648	612	9528.5945124058
4	Semi-Skilled	9.56563591104	512	4897.6055864525
Total:				70140.805357759

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<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>	-	10.86515616	Cum
i)	BRM340 : Cement	3.23	35.0944543968	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.889320272	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	9.778640544	1 Cum.
2	<p>Masonry Stone Work (AR0717) :.Laterite stone masonry - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.</p>	-	6.784138944	Cum
i)	BRM340 : Cement	0.572	3.880527475968	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.24	1.62819334656	1 Cum
iii)	BRM079 : Laterite Stone rough dressed	1	6.784138944	1 Cum.

3	Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	10.86515616	Cum
i)	BRM340 : Cement	2.29	24.8812076064	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	5.2152749568	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	10.4305499136	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	63.856189479168	1 Qntl.	572.954	36586.659186847
2	BRM028	11.73278857536	1 Cum	1108.49	13005.678807901
3	BRM056	9.778640544	1 Cum.	2234.62	21851.545732433
4	BRM079	6.784138944	1 Cum.	1591.89	10799.602943564
5	BRM045	10.4305499136	1 Cum.	1649.27	17202.793056003
Total: 99446.279726749					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	11.73278857536	1 Cum	43.25	507.44310588432
2	BRM056	9.778640544	1 Cum.	199.5	1950.838788528
3	BRM079	6.784138944	1 Cum.	169.5	1149.911551008
4	BRM045	10.4305499136	1 Cum.	199.5	2080.8947077632
Total: 5689.0881531835					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
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1	Provision for Contingency @ Rs. 1865	Rs. 1865
2	Display Citizen Board @ Rs. 500	Rs. 500
3	Any Other Lumpsum @ Rs. 815	Rs. 815
Total Addition Component Amount (in Rs.): 3180		

Total Net Amount (in Rs.): 186531.22645775