

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Malkangiri	<b>Block</b>	Malkangiri	<b>Panchayat</b>	Sindrimal
<b>Work Code</b>	OD/364/3484/120004/430337/00015651 (Improvement Of Road From Main Road To Madakaguda Street Of Champakhari)						
<b>Project Category</b>	Road						
<b>Financial Year</b>	2024-25		<b>Execution Level</b>		Sindrimal, G.P		
<b>Executing Agency</b>	Panchayat Samiti, Malkangiri		<b>Proposal Date</b>		-		
<b>Date of Commencement</b>	-		<b>Date of Completion</b>				
<b>Scheme Name</b>	5th SFC Grant in Aid		<b>Scheme Component Name</b>		All Weather Connectivity		
<b>Project Sub-Category</b>	CC Road		<b>Project Type</b>		Upgradation or Improvement		
<b>Name of Executant</b>	Er. SUDIPTA SAHOO						

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	200000

### 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;"><b>Earth Work (AR0102a) :</b>  <b>Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift -</b>  Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	Cum	4.025	196.3036	790.12199
2	<p style="text-align: center;"><b>Earth Work (AR0115) :</b>  <b>Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	9.695	580.009872	5623.19570904

3	<p><b>Concrete (AR0309a) : Cement Concrete (1:3:6) with 12mm size hard broken granite Hand Broken chips -</b> Cement Concrete (1:3:6) with 12mm size hard granite (Hand Broken) chips 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&amp;P required for the work etc. complete as per specification and direction of Engineer-in charge.</p>	Cum	14.525	6166.9744227	89575.303489718
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4	<p><b>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> 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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	Cum	10.5	7374.38399694	77431.03196787
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5	<p align="center"><b>Road Work (AR1307) : Supplying &amp; spreading moorum and consolidation with HRR -</b></p> <p>Supplying &amp; spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour &amp; material, hire charges of T &amp; P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p>	Cum	14	1146.2966148975	16048.152608565
<b>Total Amount (in Rs.): 189467.80576519</b>					

## LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p><b>Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift -</b></p> <p>Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	4.025	196.3036	Cum

	i	Un-Skilled	0.43	1.73075	-
2		<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	9.695	580.009872	Cum
	i	Un-Skilled	0.1236	1.198302	-
3		<b>Concrete (AR0309a) : Cement Concrete (1:3:6) with 12mm size hard broken granite Hand Broken chips -</b> Cement Concrete (1:3:6) with 12mm size hard granite (Hand Broken) chips 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 as per specificaion and direction of Engineer-in charge.	14.525	6166.9744227	Cum

	i	Skilled	0.68	9.877	-
	ii	Un-Skilled	4.6	66.815	-
4		<b>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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</b>	10.5	7374.38399694	Cum
	i	Un-Skilled	4.6	48.3	-
	ii	Skilled	0.68	7.14	-

5	<b>Road Work (AR1307) : Supplying &amp; spreading moorum and consolidation with HRR -</b> Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.	14	1146.2966148975	Cum
i	Un-Skilled	1.0600706713781	14.840989399293	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	132.88504139929	452	60064.038712481
4	Skilled	17.017	552	9393.384
<b>Total: 69457.422712481</b>				

## **MATERIAL STATEMENT**

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p><b>Earth Work (AR0102a) :.Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift -</b></p> <p>Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	-	4.025	Cum
2	<p><b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed -</b></p> <p>Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	9.695	Cum
i)	<p><b>BRM029 : Sand for filling and road blinding</b></p>	1	9.695	1 Cum

3	<b>Concrete (AR0309a)</b> <b>:.Cement Concrete (1:3:6) with 12mm size hard broken granite Hand Broken chips -</b> Cement Concrete (1:3:6) with 12mm size hard granite (Hand Broken) chips 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 as per specificaion and direction of Engineer-in charge.	-	14.525	Cum
i)	<b>BRM057 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve)(Hand broken)</b>	0.9	13.0725	1 Cum.
ii)	<b>BRM340 : Cement</b>	2.15	31.22875	1 Qntl.
iii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	6.53625	1 Cum

4	<p><b>Concrete (AR0307)</b>  <b>:.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b> - 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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	-	10.5	Cum
i)	<b>BRM340</b> : Cement	3.23	33.915	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	4.725	1 Cum
iii)	<b>BRM056</b> : 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	9.45	1 Cum.

5	<b>Road Work (AR1307) :..Supplying &amp; spreading moorum and consolidation with HRR -</b> Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.	-	14	Cum
i)	<b>BRM025 : Gravel or moorum</b>	1.28	17.92	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	9.695	1 Cum	478.15	4635.66425
2	<b>BRM057</b>	13.0725	1 Cum.	1491.4	19496.3265
3	<b>BRM340</b>	65.14375	1 Qntl.	670.037	43648.72281875
4	<b>BRM028</b>	11.26125	1 Cum	743.49	8372.6267625
5	<b>BRM056</b>	9.45	1 Cum.	1802.83	17036.7435
6	<b>BRM025</b>	17.92	1 Cum	472.09	8459.8528
<b>Total: 101649.93663125</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	9.695	1 Cum	40.25	390.22375
2	<b>BRM057</b>	13.0725	1 Cum.	149.5	1954.33875
3	<b>BRM028</b>	11.26125	1 Cum	40.25	453.2653125
4	<b>BRM056</b>	9.45	1 Cum.	149.5	1412.775
5	<b>BRM025</b>	17.92	1 Cum	40.25	721.28
<b>Total: 4931.8828125</b>					

## ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
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1	Provision for Contingency @ 1%	Rs. 1894.6780576519
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 5637	Rs. 5637
<b>Total Addition Component Amount (in Rs.): 10531.678057652</b>		

**Total Net Amount (in Rs.): 199999.48382284**