

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Malkangiri	<b>Block</b>	Malkangiri	<b>Panchayat</b>	Pandripani
<b>Work Code</b>	OD/364/3484/120000/430181/00015648 (Improvement Of Road At Rural Haat At Gotijodi)						
<b>Project Category</b>	Road						
<b>Financial Year</b>	2024-25	<b>Execution Level</b>			Pandripani, 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.BUDHIRAM TIYU						

### 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>	400000

### 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 (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation &amp; plinth 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</b></p>	Cum	8.464	235.56432	1993.81640448
2	<p style="text-align: center;"><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - 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.</b></p>	Cum	22.16	580.009872	12853.01876352

3	<p><b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	34.304	5639.45833312	193455.97865935
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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	24	7314.21531744	175541.16761856
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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.	Cum	7.2	977.97405489753	7041.4131952622
<b>Total Amount (in Rs.): 390885.39464117</b>					

## LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> Earth work in hard soil or gravelly soil foundation & plinth 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	8.464	235.56432	Cum

	i	Un-Skilled	0.516	4.367424	-
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.	22.16	580.009872	Cum
	i	Un-Skilled	0.1236	2.738976	-
3		<b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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.	34.304	5639.45833312	Cum
	i	Skilled	0.18	6.17472	-

	ii	Un-Skilled	3.9	133.7856	-
4		<b>Concrete (AR0307)</b> <b>: 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>	24	7314.21531744	Cum
	i	Un-Skilled	4.6	110.4	-
	ii	Skilled	0.68	16.32	-

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.	7.2	977.97405489753	Cum
i	Un-Skilled	1.0600706713781	7.6325088339223	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	258.92450883392	452	117033.87799293
4	Skilled	22.49472	552	12417.08544
<b>Total: 129450.96343293</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 (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b> - Earth work in hard soil or gravelly soil foundation &amp; plinth 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>	-	8.464	Cum
2	<p><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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	22.16	Cum
i)	<p><b>BRM029</b> : Sand for filling and road blinding</p>	1	22.16	1 Cum

3	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	<b>34.304</b>	Cum
i)	<b>BRM340 : Cement</b>	2.29	78.55616	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	16.46592	1 Cum
iii)	<b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b>	0.96	32.93184	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 specifaion and direction of Engineer-in charge.</p>	-	<b>24</b>	Cum

i)	<b>BRM340 : Cement</b>	3.23	77.52	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	10.8	1 Cum
iii)	<b>BRM056 : 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) (Crusher broken)</b>	0.9	21.6	1 Cum.
5	<b>Road Work (AR1307) :.Supplying &amp; spreading moorum and consolidation with HRR - 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.</b>	-	7.2	Cum
i)	<b>BRM025 : Gravel or moorum</b>	1.28	9.216	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	22.16	1 Cum	478.15	10595.804
2	<b>BRM340</b>	156.07616	1 Qntl.	687.872	107360.42033152
3	<b>BRM028</b>	27.26592	1 Cum	483.09	13171.8932928
4	<b>BRM044</b>	32.93184	1 Cum.	1401.46	46152.6564864
5	<b>BRM056</b>	21.6	1 Cum.	1802.83	38941.128
6	<b>BRM025</b>	9.216	1 Cum	341.89	3150.85824

**Total: 219372.76035072**

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	22.16	1 Cum	40.25	891.94
2	<b>BRM028</b>	27.26592	1 Cum	40.25	1097.45328
3	<b>BRM044</b>	32.93184	1 Cum.	149.5	4923.31008
4	<b>BRM056</b>	21.6	1 Cum.	149.5	3229.2
5	<b>BRM025</b>	9.216	1 Cum	40.25	370.944
<b>Total: 10512.84736</b>					

### **ADDITION COMPONENT**

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 3908.8539464117
2	Display Citizen Board @ Rs. 4000	Rs. 4000
3	Any Other Lumpsum @ Rs. 1205	Rs. 1205
<b>Total Addition Component Amount (in Rs.): 9113.8539464117</b>		

**Total Net Amount (in Rs.): 399999.24858758**