

ESTIMATION DPR							
State	Odisha	District	Malkangiri	Block	Malkangiri	Gram Panchayat	Gangala

Work Code	OD/364/3484/119995/430194/00017803 (Improvement Of Road From Admunda To Rd Road)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Malkangiri	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	MAINTENANCE OF ROADS AND BRIDGES
Project Sub-Category	Mettalling Road	Project Type	Upgradation or Improvement
Name of Executant			

### Administrative Approval Details

Approval No.	
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### Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	5656
Fund Sanction Amount (in Rs.)	700000

### 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)</b>  <b>: 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>	Cum	484.05	240.77592	116547.584076
2	<p style="text-align: center;"><b>Road Work (AR1308) :</b>  <b>moorum and sand admixture laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR -</b> Supplying &amp; spreading moorum and sand admixture in a ratio (70:30) laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR 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	248.94	1497.9526550067	372900.33393737

3	<p style="text-align: center;"><b>Road Work (AR1309) : metal and packing the voids with small stones and hand packing the same to proper camber -</b></p> <p>Supplying &amp; spreading metal and packing the voids with small stones and hand packing the same to proper camber including conveying spreading of moorum and filling the interstices by spreading the same over the surface, watering, and consolidation with PRR 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 direction of Engineer-in-Charge.(To be used for minor repair works only) (Complete thickness 75mm)</p>	Cum	96.81	2082.2105540657	201578.8037391
<b>Total Amount (in Rs.): 691026.72175247</b>					

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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>	-	484.05	Cum
i	Un-Skilled	0.516	249.7698	-
2	<p><b>Road Work (AR1308) : moorum and sand admixture laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR -</b>  Supplying &amp; spreading moorum and sand admixture in a ratio (70:30) laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR 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>	-	248.94	Cum
i	Un-Skilled	1.1333922261484	282.14666077739	-

3	<b>Road Work (AR1309)</b> <b>: metal and packing the voids with small stones and hand packing the same to proper camber -</b> Supplying & spreading metal and packing the voids with small stones and hand packing the same to proper camber including conveying spreading of moorum and filling the interstices by spreading the same over the surface, watering, and consolidation with PRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and direction of Engineer-in-Charge.(To be used for minor repair works only) (Complete thickness 75mm)	-	96.81	Cum
i	Un-Skilled	1.4134275618375	136.83392226148	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	668.75038303887	462	308962.67696396
<b>Total:</b>				<b>308962.67696396</b>

#### 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><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>	-	484.05	Cum
2	<p><b>Road Work (AR1308) :.moorum and sand admixture laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR -</b>  Supplying &amp; spreading moorum and sand admixture in a ratio (70:30) laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR 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>	-	248.94	Cum
i)	<b>BRM025</b> : Gravel or moorum	0.89578798586572	222.99746120141	1 Cum
ii)	<b>BRM029</b> : Sand for filling and road blinding	0.384	95.59296	1 Cum

3	<b>Road Work (AR1309)</b> :.metal and packing the voids with small stones and hand packing the same to proper camber - Supplying & spreading metal and packing the voids with small stones and hand packing the same to proper camber including conveying spreading of moorum and filling the interstices by spreading the same over the surface, watering, and consolidation with PRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and direction of Engineer-in-Charge.(To be used for minor repair works only) (Complete thickness 75mm)	-	96.81	Cum
i)	<b>BRM025</b> : Gravel or moorum	0.29328621908127	28.393038869258	1 Cum
ii)	<b>BRM076</b> : I.R.C. Grade II (63mm. to 45mm.)	1.21	117.1401	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM025</b>	251.39050007067	1 Cum	680.41	171048.61015309
2	<b>BRM029</b>	95.59296	1 Cum	751.57	71844.8009472
3	<b>BRM076</b>	117.1401	1 Cum.	906.85	106228.499685
<b>Total: 349121.91078529</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM025</b>	251.39050007067	1 Cum	40.25	10118.467627845
2	<b>BRM029</b>	95.59296	1 Cum	40.25	3847.61664
<b>Total: 13966.084267845</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 6910.2672175247

2	Display Citizen Board @ Rs. 2063	Rs. 2063
<b>Total Addition Component Amount (in Rs.): 8973.2672175247</b>		

**Total Net Amount (in Rs.): 699999.98896999**