

ESTIMATION DPR							
State	Odisha	District	Kendrapara	Block	Aul	Gram Panchayat	Nial

Work Code	OD/360/3434/119040/396124/00066757 (Imp. of Road with CC/Gr-II Metalling from RD Road to Rabindra Patra House)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Aul	Proposal Date	17-05-2025
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	CC Road	Project Type	New Work
Name of Executant			

### Administrative Approval Details

Approval No.	
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### Technical Sanction Details

Technical Sanction No.	OD/360/3434/119040/396124/00066757/TS
Fund Sanction No.	12710
Fund Sanction Amount (in Rs.)	300000

### 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	11.9	240.77592	2865.233448
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	18.7	1448.181632	27080.9965184

3	<p style="text-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	34	2281.3514886784	77565.950615066
4	<p style="text-align: center;"><b>Road Work (AR1305) : Filler materials laterite moorum and consolidation with H.R.R. -</b></p> <p>Supplying &amp; spreading metal to proper camber and consolidation with filler materials laterite moorum and consolidation with H.R.R. including watering and turf edging including cost, conveyance, royalty, and taxes, etc. required for work as per specification and direction of Engineer-in-Charge.</p>	Cum	17	3340.2380811307	56784.047379222

5	<p align="center"><b>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hard Broken) metal -</b></p> <p>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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	20.4	6252.39533026	127548.8647373
<b>Total Amount (in Rs.): 291845.09269799</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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></p> <p>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>	-	11.9	Cum
i	Un-Skilled	0.516	6.1404	-

2	<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 & P required for the work etc. complete and as per direction of Engineer-in charge.	-	18.7	Cum
i	Un-Skilled	0.1236	2.31132	-
3	<b>Road Work (AR1307)</b> <b>: 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.	-	34	Cum
i	Un-Skilled	1.0600706713781	36.042402826855	-

4	<b>Road Work (AR1305)</b> <b>: Filler materials</b> <b>laterite moorum and consolidation with H.R.R.</b> - Supplying & spreading metal to proper camber and consolidation with filler materials laterite moorum and consolidation with H.R.R. including watering and turf edging including cost, conveyance, royalty, and taxes, etc. required for work as per specification and direction of Engineer-in-Charge.	-	17	Cum
i	Un-Skilled	1.7667844522968	30.035335689046	-
5	<b>Concrete (AR0303a)</b> <b>: Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b> 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.	-	20.4	Cum
i	Un-Skilled	3.9	79.56	-
ii	Skilled	0.18	3.672	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
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1	Un-Skilled	154.0894585159	462	71189.329834346
2	Skilled	3.672	562	2063.664
				<b>Total: 73252.993834346</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement 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	-	11.9	Cum
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.	-	18.7	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	18.7	1 Cum

3	<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.	-	34	Cum
i)	<b>BRM025</b> : Gravel or moorum	1.28	43.52	1 Cum
4	<b>Road Work (AR1305) :.Filler materials laterite moorum and consolidation with H.R.R. -</b> Supplying & spreading metal to proper camber and consolidation with filler materials laterite moorum and consolidation with H.R.R. including watering and turf edging including cost, conveyance, royalty, and taxes, etc. required for work as per specification and direction of Engineer-in-Charge.	-	17	Cum
i)	<b>BRM041</b> : Granite Stone broken metal 63mm. size Passing through 90mm. Sieve and retained on 53 mm sieve (Hand broken)	1	17	1 Cum.
ii)	<b>BRM025</b> : Gravel or moorum	0.3	5.1	1 Cum

5	<b>Concrete (AR0303a)</b> :.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.	-	20.4	Cum
i)	<b>BRM340</b> : Cement	2.29	46.716	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	9.792	1 Cum
iii)	<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	19.584	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	18.7	1 Cum	535.49	10013.663
2	<b>BRM025</b>	48.62	1 Cum	1341.79	65237.8298
3	<b>BRM041</b>	17	1 Cum.	1926.8	32755.6
4	<b>BRM340</b>	46.716	1 Qntl.	583.967	27280.602372
5	<b>BRM028</b>	9.792	1 Cum	478.02	4680.77184
6	<b>BRM045</b>	19.584	1 Cum.	2023.94	39636.84096
<b>Total: 179605.307972</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	18.7	1 Cum	841.25	15731.375
2	<b>BRM025</b>	48.62	1 Cum	40.25	1956.955
3	<b>BRM041</b>	17	1 Cum.	149.5	2541.5
4	<b>BRM028</b>	9.792	1 Cum	841.25	8237.52
5	<b>BRM045</b>	19.584	1 Cum.	149.5	2927.808
<b>Total: 31395.158</b>					

## ADDITION COMPONENT

<b>Sl.No.</b>	<b>Item Name</b>	<b>Amount (in Rs.)</b>
1	Provision for Contingency @ 1%	Rs. 2918.4509269799
2	Display Citizen Board @ Rs. 4501	Rs. 4501
3	Any Other Lumpsum @ Rs. 300	Rs. 300
4	Provision for survey investigation and quality control @ Rs. 435	Rs. 435
<b>Total Addition Component Amount (in Rs.): 8154.4509269799</b>		

**Total Net Amount (in Rs.): 299999.54362497**