

ESTIMATION DPR							
State	Odisha	District	Angul	Block	Anugul	Gram Panchayat	Chhelipada

Work Code	OD/344/3276/115561/404263/00085978 (sabara sahi)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Anugul	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Chief Minister Special Assistant	Scheme Component Name	Chief Minister Special Assistance (CM-SA)
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.	
Fund Sanction No.	123
Fund Sanction Amount (in Rs.)	800000

### 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>Road Work (AR1341c) : Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using moorum or gravel to water bound macadam -</b></p> <p>Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&amp;H Specifications for Road &amp; Bridge works(Last Revision).</p>	Cum	4.530688	1658.1759071278	7512.677684313
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2	<p style="text-align: center;"><b>Road Work (AR1321ai)</b>  <b>: Laying 20mm thick premix carpet using 0.27cum of 13.2mm to 5.6mm (VG-30) bitumen (from Haldia) -</b>  Laying 20mm thick premix carpet using 0.27cum of 13.2mm to 5.6mm size crushed stone chipping and 14.60kg. viscosity grade (VG-30) bitumen (from Haldia) for 10sqm including hand packing to proper camber and consolidation with PRR including cost conveyance, royalty, taxes, cess etc. of all materials, hire and running charges of PRR, hot mix plant, bitumen boilers and all other T &amp; P articles required for the work complete as per specification and direction of the Engineer-in-Charge.</p>	Sqm	44.59344	181.65919787067	8100.8085406939
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3	<b>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips -</b> 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)	Sqm	7.43224	341.6007106136	2538.8584654508
<b>Total Amount (in Rs.): 18152.344690458</b>					

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
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1	<b>Road Work (AR1341c) : Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using moorum or gravel to water bound macadam -</b> Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).	-	4.530688	Cum
i	Un-Skilled	0.694444444444444	3.14631111111111	-
ii	Skilled	0.0055555555555556	0.025170488888889	-
iii	Semi-Skilled	0.028	0.126859264	-

2	<p><b>Road Work (AR1321ai) : Laying 20mm thick premix carpet using 0.27cum of 13.2mm to 5.6mm (VG-30) bitumen (from Haldia) - Laying 20mm thick premix carpet using 0.27cum of 13.2mm to 5.6mm size crushed stone chipping and 14.60kg. viscosity grade (VG-30) bitumen (from Haldia) for 10sqm including hand packing to proper camber and consolidation with PRR including cost conveyance, royalty, taxes, cess etc. of all materials, hire and running charges of PRR, hot mix plant, bitumen boilers and all other T &amp; P articles required for the work complete as per specification and direction of the Engineer-in-Charge.</b></p>	-	44.59344	Sqm
i	Un-Skilled	0.072508065885549	3.2333840855833	-
ii	Semi-Skilled	0.0079809814909153	0.35589941925624	-
3	<p><b>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)</b></p>	-	7.43224	Sqm

i	Un-Skilled	0.36	2.6756064	-
ii	Highly-Skilled	0.1	0.743224	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	9.0553015966944	462	4183.5493376728
2	Skilled	0.025170488888889	562	14.145814755556
3	Semi-Skilled	0.48275868325624	512	247.1724458272
4	Highly-Skilled	0.743224	612	454.853088
<b>Total:</b>				<b>4899.7206862556</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	<b>Road Work (AR1341c)</b> <b>∴.Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using moorum or gravel to water bound macadam -</b> Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).	-	4.530688	Cum
i)	<b>BRMMR0037</b> : Cost of water	0.4	1.8122752	KL
ii)	<b>BRM076</b> : I.R.C. Grade II (63mm. to 45mm.)	1.21	5.48213248	1 Cum.
iii)	<b>BRM025</b> : Gravel or moorum	0.29330555555556	1.3288759608889	1 Cum

2	<b>Road Work (AR1321ai) :.Laying 20mm thick premix carpet using 0.27cum of 13.2mm to 5.6mm (VG-30) bitumen (from Haldia) -</b> Laying 20mm thick premix carpet using 0.27cum of 13.2mm to 5.6mm size crushed stone chipping and 14.60kg. viscosity grade (VG-30) bitumen (from Haldia) for 10sqm including hand packing to proper camber and consolidation with PRR including cost conveyance, royalty, taxes, cess etc. of all materials, hire and running charges of PRR, hot mix plant, bitumen boilers and all other T & P articles required for the work complete as per specification and direction of the Engineer-in-Charge.	-	44.59344	Sqm
i)	<b>BRM348</b> : HALDIA BULK VG-30	0.00146	0.0651064224	1 MT
ii)	<b>BRM058</b> : Granite Stone broken chips 11.2mm. size (Passing through 13.2mm sieve & retained on 5.6mm sieve) (Crusher broken)	0.009	0.40134096	1 Cum.
iii)	<b>BRM054</b> : Granite Stone broken chips 13.2mm. Size (Passing through 22.4mm sieve & retained on 11.2mm sieve) (Crusher broken)	0.018	0.80268192	1 Cum.
iv)	<b>BRM106</b> : Fire wood	0.0043640686024792	0.19460883138054	1Qntl

3	<b>Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)</b>	-	7.43224	Sqm
i)	<b>BRM340 : Cement</b>	0.1208	0.897814592	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.0169	0.125604856	1 Cum
iii)	<b>BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.</b>	0.0169	0.125604856	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRMMR0037</b>	1.8122752	KL	10	18.122752
2	<b>BRM076</b>	5.48213248	1 Cum.	885.66	4855.3054522368
3	<b>BRM025</b>	1.3288759608889	1 Cum	472.09	627.34905237604
4	<b>BRM348</b>	0.0651064224	1 MT	42123.1	2742.4843413974
5	<b>BRM058</b>	0.40134096	1 Cum.	1821.32	730.9703172672
6	<b>BRM054</b>	0.80268192	1 Cum.	1768.09	1419.2138759328
7	<b>BRM106</b>	0.19460883138054	1Qntl	726.99	141.47867432534
8	<b>BRM340</b>	0.897814592	1 Qntl.	560.884	503.56983961933
9	<b>BRM028</b>	0.125604856	1 Cum	470.07	59.04307465992
10	<b>BRM064</b>	0.125604856	1 Cum.	1211.36	152.15269836416
<b>Total: 11249.690078179</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM025</b>	1.3288759608889	1 Cum	40.25	53.487257425778
2	<b>BRM058</b>	0.40134096	1 Cum.	149.5	60.00047352

3	<b>BRM054</b>	0.80268192	1 Cum.	149.5	120.00094704
4	<b>BRM028</b>	0.125604856	1 Cum	40.25	5.055595454
5	<b>BRM064</b>	0.125604856	1 Cum.	149.5	18.777925972
<b>Total: 257.32219941178</b>					

#### **ADDITION COMPONENT**

<b>Sl.No.</b>	<b>Item Name</b>	<b>Amount (in Rs.)</b>
1	Provision for PH Work @ 1%	Rs. 181.52344690458
2	Provision for EI Work @ Rs. 2	Rs. 2
3	Provision for Contingency @ Rs. 2	Rs. 2
4	Display Citizen Board @ 1%	Rs. 181.52344690458
5	Any Other Lumpsum @ Rs. 1	Rs. 1
6	Provision for survey investigation and quality control @ Rs. 1	Rs. 1
<b>Total Addition Component Amount (in Rs.): 369.04689380916</b>		

**Total Net Amount (in Rs.): 18521.391584267**