

ESTIMATION DPR							
State	Odisha	District	Khordha	Block	Khordha	Gram Panchayat	Nalipada-Arjunapur

Work Code	OD/362/3464/119676/407360/00075022 (Construction of Metal Moorum road from NH- 57 to Saradhapur village)						
Project Category	Road						

Financial Year	2021-22	Execution Level	PS
Executing Agency	Panchayat Samiti, Khordha	Proposal Date	-
Date of Commencement	20-02-2026	Date of Completion	01-04-2026
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	Mettalling Road	Project Type	New Work
Name of Executant	RASHMI PRAVA BEHERA		

Administrative Approval Details

Approval No.	OD/362/3464/119676/407360/00075022/AS
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Technical Sanction Details

Technical Sanction No.	OD/362/3464/119676/407360/00075022/TS
Fund Sanction No.	
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	Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR - 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	46.2554928	1235.1789446784	115971.35946402
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2	<p>Road Work (AR1341a) : Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam - Providing, laying, spreading and compacting Grading-I 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).</p>	Cum	46.2554928	2587.6038961111	115971.35946402
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3	Road Work (AR1305) : Filler materials laterite moorum and consolidation with H.R.R. - 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.	Cum	46.2554928	2507.1910911307	115971.35946402
Total Amount (in Rs.): 292796.06363212					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR - 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.	-	46.2554928	Cum
i	Un-Skilled	1.0600706713781	49.03409130742	-

2	Road Work (AR1341a) : Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam - Providing, laying, spreading and compacting Grading-I 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).	-	46.2554928	Cum
i	Un-Skilled	0.694444444444444	32.12187	-
ii	Skilled	0.0055555555555556	0.25697496	-
iii	Semi-Skilled	0.028	1.2951537984	-

3	Road Work (AR1305) : Filler materials laterite moorum and consolidation with H.R.R. - 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.	-	46.2554928	Cum
i	Un-Skilled	1.7667844522968	81.723485512367	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	162.87944681979	462	75250.304430742
1	Skilled	0.25697496	562	144.41992752
2	Semi-Skilled	1.2951537984	512	663.1187447808
Total: 76057.843103043				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	Road Work (AR1307) ∴.Supplying & spreading moorum and consolidation with HRR - 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.	-	46.2554928	Cum
i)	BRM025 : Gravel or moorum	1.28	59.207030784	1 Cum
2	Road Work (AR1341a) ∴.Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam - Providing, laying, spreading and compacting Grading-I 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).	-	46.2554928	Cum
i)	BRMMR0037 : Cost of water	0.4	18.50219712	KL
ii)	BRM025 : Gravel or moorum	0.3	13.87664784	1 Cum
iii)	BRM075 : I.R.C. Grade I (90mm-45 mm.)	1.21	55.969146288	1 Cum.

3	Road Work (AR1305) :.Filler materials laterite moorum and consolidation with H.R.R. - 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.	-		46.2554928	Cum
i)	BRM041 : Granite Stone broken metal 63mm. size Passing through 90mm. Sieve and retained on 53 mm sieve (Hand broken)		1	46.2554928	1 Cum.
ii)	BRM025 : Gravel or moorum		0.3	13.87664784	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM025	86.960326464	1 Cum	532.56	46311.591461668
2	BRMMR0037	18.50219712	KL	10	185.0219712
3	BRM075	55.969146288	1 Cum.	1318.85	73814.908581929
4	BRM041	46.2554928	1 Cum.	1184.77	54802.120204656
Total: 175113.64221945					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Road Work (AR1307) :.Supplying & spreading moorum and consolidation with HRR - 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.	-		46.2554928 Cum

i)	BRM025 : Gravel or moorum	1.28	59.207030784	1 Cum
2	Road Work (AR1341a) :.Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam - Providing, laying, spreading and compacting Grading-I 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).	-	46.2554928	Cum
i)	BRM025 : Gravel or moorum	0.3	13.87664784	1 Cum
ii)	BRM075 : I.R.C. Grade I (90mm-45 mm.)	1.21	55.969146288	1 Cum.
3	Road Work (AR1305) :.Filler materials laterite moorum and consolidation with H.R.R. - 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.	-	46.2554928	Cum

i)	BRM041 : Granite Stone broken metal 63mm. size Passing through 90mm. Sieve and retained on 53 mm sieve (Hand broken)	1	46.2554928	1 Cum.
ii)	BRM025 : Gravel or moorum	0.3	13.87664784	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM025	86.960326464	1 Cum	40.25	3500.153140176
2	BRM075	55.969146288	1 Cum.	309.5	17322.450776136
3	BRM041	46.2554928	1 Cum.	309.5	14316.0750216
Total: 35138.678937912					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2927.9606363212
2	Display Citizen Board @ Rs. 2000	Rs. 2000
3	Any Other Lumpsum @ Rs. 2275	Rs. 2275
Total Addition Component Amount (in Rs.): 7202.9606363212		

Total Net Amount (in Rs.): 299999.02426844