

ESTIMATION DPR							
State	Odisha	District	Khordha	Block	Khordha	Gram Panchayat	Barasahi

Work Code	OD/362/3464/275250/407308/00032314 (Const Of Metal Morrum Road From Prafful Samantaray House To Nityananda Sundaray House,Kumbhilo)
Project Category	Road

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Khordha	Proposal Date	-
Date of Commencement	15-09-2025	Date of Completion	-
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	SUBHASHMITA SAHOO		

Administrative Approval Details

Approval No.	OD/362/3464/275250/407308/00032314/AS
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Technical Sanction Details

Technical Sanction No.	OD/362/3464/275250/407308/00032314/TS
Fund Sanction No.	15598
Fund Sanction Amount (in Rs.)	300000

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0110) :.Fine dressing of earth work in ordinary or hard soil in road formation - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.	-	989.41695	Sqm

2	<p>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 - Supplying & 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 & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p>	-	100.52464	Cum
i)	BRM025 : Gravel or moorum	0.89578798586572	90.048764795477	1 Cum
ii)	BRM029 : Sand for filling and road blinding	0.384	38.60146176	1 Cum
3	<p>Road Work (AR1313) :.Supplying & spreading with sand 6mm thick for road binding in road surface - Supplying & spreading with sand 6mm thick for road binding in road surface 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.</p>	-	659.6113	Sqm
i)	BRM029 : Sand for filling and road blinding	0.006	3.9576678	1 Cum

4	<p>Road Work (AR1341d) :.Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using stone screened dust to water bound macadam - Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using stone screened dust 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>	-	66.3462624	Cum
i)	BRMMR0037 : Cost of water	0.4	26.53850496	KL
ii)	BRM076 : I.R.C. Grade II (63mm. to 45mm.)	1.21	80.278977504	1 Cum.
iii)	BRM026 : Stone screened Dust passing through 2.36 mm sieve and retained on 0.075 mm sieve	0.3466944444444444	23.001880583733	1 Cum
5	<p>Earth Work (AR0122Bii) :.Earthwork in hard soil or gravelly soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift - Earthwork in hard soil or gravelly soil within 5 Km.mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.</p>	-	30.157392	Cum

i)	BRMM402 : Loading into trucks and unloading from trucks within 50 Meter lead (2/3 of rate is consider for loading).	-0.6666	-20.1029175072	1 Cum
ii)	BRMM401 : Conveyance of material by 10 ton trucks within 5 KM including loading and unloading	1	30.157392	1 Cum
6	Road Work (AR1306) :.Labour for admixture of sand and moorum - Labour for admixture of sand and moorum including labour cost, for work as per specification and direction of Engineer-in-Charge.	-	100.52464	Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM025	90.048764795477	1 Cum	532.56	47956.370179479
2	BRM029	42.55912956	1 Cum	853	36302.93751468
3	BRMMR0037	26.53850496	KL	10	265.3850496
4	BRM076	80.278977504	1 Cum.	867.3	69625.957189219
5	BRM026	23.001880583733	1 Cum	672.74	15474.285143901
6	BRMM402	-20.1029175072	1 Cum	175.38	-3525.6496724127
7	BRMM401	30.157392	1 Cum	276.01	8323.74176592
Total: 174423.02717039					