

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Belpara	Gram Panchayat	Sarmuhan

Work Code	OD/345/3287/115840/420931/00062246 (IMPROVEMENT OF ROAD FROM KIA BANDH PAD TO KAHRKHARA HARIJAN PADA)
Project Category	Road

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Belpara	Proposal Date	01-07-2023
Date of Commencement	03-11-2025	Date of Completion	13-11-2025
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	BT Road	Project Type	New Work
Name of Executant	JAGUNA NANDA SAMARTHA		

Administrative Approval Details

Approval No.	OD/345/3287/115840/420931/00062246/AS
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Technical Sanction Details

Technical Sanction No.	OD/345/3287/115840/420931/00062246/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	400000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0101a) ∴Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift - Earth work in ordinary soil 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 direction of the Engineer-in-charge.	-	9.6278	Cum

2	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - 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.	-	23.933	Cum
i)	BRM029 : Sand for filling and road blinding	1	23.933	1 Cum
3	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher 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.	-	39.1664	Cum
i)	BRM340 : Cement	2.29	89.691056	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	18.799872	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	37.599744	1 Cum.

4	<p>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section 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 specifaion and direction of Engineer-in charge.</p>	-	24.9795	Cum
i)	BRM340 : Cement	3.23	80.683785	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	11.240775	1 Cum
iii)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	22.48155	1 Cum.
5	<p>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	43.68	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1166256	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	5.50368	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	23.933	1 Cum	418.258	10010.168714
2	BRM340	170.374841	1 Qntl.	566.3859	96497.907657142
3	BRM028	30.040647	1 Cum	423.198	12713.141729106
4	BRM044	37.599744	1 Cum.	1341.568	50442.613358592
5	BRM056	22.48155	1 Cum.	1742.938	39183.9477939
6	BRM104	0.1166256	1Cum.	58574.0372	6831.2322328723
7	BRM092	5.50368	1Mtr.	230.0572	1266.161210496
					Total: 216945.17269611