

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Baripada	Gram Panchayat	Sankhabhang a

Work Code	OD/365/3490/120107/389194/00013473 (CONSTRUCTION OF GUARDWALL FROM PWD ROAD TO JAMBHIRDIHA VILLAGE)
Project Category	Road

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Baripada	Proposal Date	15-07-2021
Date of Commencement	15-02-2025	Date of Completion	25-03-2025
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	ASHOK KUMAR DAS		

Administrative Approval Details

Approval No.	OD/365/3490/120107/389194/00013473/AS
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Technical Sanction Details

Technical Sanction No.	OD/365/3490/120107/389194/00013473/TS
Fund Sanction No.	11088/PR&DW
Fund Sanction Amount (in Rs.)	175808

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102a) :.Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge	-	16.565328	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.	-	2.760888	Cum
i)	BRM029 : Sand for filling and road blinding	1	2.760888	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.	-	24.82958608	Cum
i)	BRM340 : Cement	2.29	56.8597521232	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	11.9182013184	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	23.8364026368	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>	-	0.58898944	Cum
i)	BRM340 : Cement	3.23	1.9024358912	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.265045248	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	0.530090496	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>	-	66.425645	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.17735647215	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	8.36963127	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	2.760888	1 Cum	531.74	1468.07458512
2	BRM340	58.7621880144	1 Qntl.	471.532	27708.252038806
3	BRM028	12.1832465664	1 Cum	538.16	6556.5359721738
4	BRM044	23.8364026368	1 Cum.	1596.76	38061.014274337
5	BRM056	0.530090496	1 Cum.	1998.13	1059.1897227725
6	BRM104	0.17735647215	1Cum.	58715.766	10413.621117345
7	BRM092	8.36963127	1Mtr.	371.786	3111.7117313482
					Total: 88378.399441902