

ESTIMATION DPR							
State	Odisha	District	Puri	Block	Satyabadi	Gram Panchayat	Balarampur

Work Code	OD/369/3546/121086/409654/00066110 (CONST OF ROAD FROM MALASAH I JAGULAI TEMPLE TO CYCLONE SHELTER AT BALARAMPURGARH GP)
Project Category	Road

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Satyabadi	Proposal Date	15-03-2024
Date of Commencement	26-11-2025	Date of Completion	19-12-2025
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	MAINTENANCE OF ROADS AND BRIDGES
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant	PRAMATHA TRIPATHY		

Administrative Approval Details

Approval No.	OD/369/3546/121086/409654/00066110/AS
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Technical Sanction Details

Technical Sanction No.	OD/369/3546/121086/409654/00066110/TS
Fund Sanction No.	6473
Fund Sanction Amount (in Rs.)	200000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	8.75206593024	Cum
i)	BRM029 : Sand for filling and road blinding	1	8.75206593024	1 Cum

2	<p>Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.</p>	-	16.95712773984	Cum
i)	BRM340 : Cement	2.29	38.831822524234	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	8.1394213151232	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	16.278842630246	1 Cum.
3	<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>	-	12.32928479904	Cum
i)	BRM340 : Cement	3.23	39.823589900899	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.548178159568	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	11.096356319136	1 Cum.
4	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	-	18.023182	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.04812189594	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.270920932	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	8.75206593024	1 Cum	401.61	3514.9171982437
2	BRM340	78.655412425133	1 Qntl.	595.407	46831.983145811
3	BRM028	13.687599474691	1 Cum	481.21	6586.6097432162
4	BRM045	16.278842630246	1 Cum.	1649.27	26848.206784786
5	BRM056	11.096356319136	1 Cum.	2258.53	25061.453637458
6	BRM104	0.04812189594	1Cum.	58573.086	2818.6479493767
7	BRM092	2.270920932	1Mtr.	229.106	520.28161104679

Total: 112182.10006994