ESTIMATION DPR							
State	Odisha	**District**	Nayagarh	**Block**	Dasapalla	**Gram Panchayat**	Dihagaon

Work Code	OD/367/3524/120609/405504/00025597 (Imp. of Digiri Road with CC/ Gr-II Metalling)
Project Category	Road

Financial Year	2024-25	**Execution Level**	PS
Executing Agency	Panchayat Samiti, Dasapalla	**Proposal Date**	-
Date of Commencement	30-07-2025	**Date of Completion**	-
Scheme Name	5th SFC Grant in Aid	**Scheme Component Name**	Maintenance and improvement of Road infrastructure
Project Sub-Category	CC Road	**Project Type**	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	OD/367/3524/120609/405504/00025597/AS

Technical Sanction Details

Technical Sanction No.	OD/367/3524/120609/405504/00025597/TS
Fund Sanction No.	31142
Fund Sanction Amount (in Rs.)	280640

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	**Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift -** Earth work in hard soil or gravelly soil foundation & plinth 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	-	**35.83845**	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.	-	**14.9326875**	Cum
i)	**BRM029 :** Sand for filling and road blinding	1	14.9326875	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.	-	**25.1984124**	Cum
i)	**BRM340 :** Cement	2.29	57.704364396	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.48	12.095237952	1 Cum
iii)	**BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken)	0.96	24.190475904	1 Cum.

4	**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 specificaion and direction of Engineer-in charge.	-	**15.914607936**	Cum
i)	**BRM340 :** Cement	3.23	51.40418363328	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	7.1615735712	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	14.3231471424	1 Cum.
5	**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	-	**23.20252425**	Sqm
i)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0619507397475	1Cum.
ii)	**BRM092 :** Non-sal bullahs 75mm. mean dia of any length.	0.126	2.9235180555	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	**BRM029**	14.9326875	1 Cum	332.58	4966.31320875
2	**BRM340**	109.10854802928	1 Qntl.	579.287	63205.163462238
3	**BRM028**	19.2568115232	1 Cum	339.01	6528.25167448
4	**BRM044**	24.190475904	1 Cum.	1425.31	34478.92721073
5	**BRM056**	14.3231471424	1 Cum.	1867.93	26754.636241703
6	**BRM104**	0.0619507397475	1Cum.	58573.086	3628.6460069939
7	**BRM092**	2.9235180555	1Mtr.	229.106	669.79552762338
					Total: 140231.73333252