ESTIMATION DPR							
State	Odisha	**District**	Ganjam	**Block**	Bhanjanagar	**Gram Panchayat**	Dihapadhal

Work Code	OD/354/3367/117640/410600/00085430 (Construction of Guard wall from PWD road to Betara, Harijan Sahi)
Project Category	Road

Financial Year	2021-22	**Execution Level**	PS
Executing Agency	Panchayat Samiti, Bhanjanagar	**Proposal Date**	-
Date of Commencement	18-02-2026	**Date of Completion**	24-02-2026
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	MADHU BEHERA		

Administrative Approval Details

Approval No.	OD/354/3367/117640/410600/00085430/AS

Technical Sanction Details

Technical Sanction No.	OD/354/3367/117640/410600/00085430/TS
Fund Sanction No.	12611
Fund Sanction Amount (in Rs.)	300000

ROYALTY 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	-	**23.76**	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.	-	**5.94**	Cum
i)	**BRM029 :** Sand for filling and road blinding	1	5.94	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.	-	**42.24**	Cum
i)	**BRM340 :** Cement	2.29	96.7296	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.48	20.2752	1 Cum
iii)	**BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken)	0.96	40.5504	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.	-	**0.66**	Cum
i)	**BRM340 :** Cement	3.23	2.1318	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	0.297	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	0.594	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	-	**132**	Sqm
i)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.35244	1Cum.
ii)	**BRM092 :** Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.081048	1Mtr.

6	**Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) -** 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	**158.4**	Sqm
i)	**BRM340 :** Cement	0.0372	5.89248	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.0075	1.188	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	**BRM029**	5.94	1 Cum	40.25	239.085
2	**BRM028**	21.7602	1 Cum	40.25	875.84805
3	**BRM044**	40.5504	1 Cum.	149.5	6062.2848
4	**BRM056**	0.594	1 Cum.	149.5	88.803
					Total: 7266.02085