

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Karanja	Gram Panchayat	Miriginendi

Work Code	OD/365/3498/120226/388904/00088549 (Improvement of existing drainage system at Jhumkakudar under Miriginendi GP)
Project Category	Water Body

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Karanja	Proposal Date	-
Date of Commencement	12-02-2026	Date of Completion	05-03-2026
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO ZILLA PARISHAD
Project Sub-Category	Drainage Work	Project Type	Upgradation or Improvement
Name of Executant	Mitalin Dhal		

Administrative Approval Details

Approval No.	OD/365/3498/120226/388904/00088549/AS
---------------------	---------------------------------------

Technical Sanction Details

Technical Sanction No.	OD/365/3498/120226/388904/00088549/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	328582

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	-	62.37	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.	-	11.745	Cum
i)	BRM029 : Sand for filling and road blinding	1	11.745	1 Cum
3	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.	-	34.425	Cum
i)	BRM340 : Cement	2.29	78.83325	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	16.524	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	33.048	1 Cum.

4	<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>	-	140.4	Sqm
i)	<p>BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)</p>	0.00267	0.374868	1Cum.
ii)	<p>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</p>	0.126	17.6904	1Mtr.
5	<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>	-	4.05	Cum
i)	<p>BRM340 : Cement</p>	3.23	13.0815	1 Qntl.
ii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.45	1.8225	1 Cum
iii)	<p>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)</p>	0.9	3.645	1 Cum.

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.	-	140.4	Sqm
i)	BRM340 : Cement	0.0372	5.22288	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	1.053	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	11.745	1 Cum	792.14	9303.6843
2	BRM340	97.13763	1 Qntl.	644.677	62622.39589551
3	BRM028	19.3995	1 Cum	798.56	15491.66472
4	BRM045	33.048	1 Cum.	1388.87	45899.37576
5	BRM104	0.374868	1Cum.	58620.646	21975.004324728
6	BRM092	17.6904	1Mtr.	276.666	4894.3322064
7	BRM056	3.645	1 Cum.	1998.13	7283.18385
Total: 167469.64105664					