ESTIMATION DPR							
State	Odisha	**District**	Balangir	**Block**	Balangir	**Gram Panchayat**	Barapudgia

Work Code	OD/345/3285/115778/420185/00014387 (Const of Drain at Kermeli)
Project Category	Water Body

Financial Year	2024-25	**Execution Level**	PS
Executing Agency	Panchayat Samiti, Balangir	**Proposal Date**	-
Date of Commencement	15-01-2025	**Date of Completion**	10-05-2025
Scheme Name	SFC Devolution of Fund	**Scheme Component Name**	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	Drainage Work	**Project Type**	New Work
Name of Executant	Rasmita Mohanty		

Administrative Approval Details

Approval No.	OD/345/3285/115778/420185/00014387/AS

Technical Sanction Details

Technical Sanction No.	OD/345/3285/115778/420185/00014387/TS
Fund Sanction No.	15384
Fund Sanction Amount (in Rs.)	300000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	**Earth Work (AR0101a) :.Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift -** Earth work in ordinary 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 direction of the Engineer-in-charge.	-	**60.6528**	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.	-	**7.488**	Cum
i)	**BRM029 :** Sand for filling and road blinding	1	7.488	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.	-	**37.128**	Cum
i)	**BRM340 :** Cement	2.29	85.02312	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.48	17.82144	1 Cum
iii)	**BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken)	0.96	35.64288	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.	-	**2.5116**	Cum
i)	**BRM340 :** Cement	3.23	8.112468	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	1.13022	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	2.26044	1 Cum.
5	**Plastering (AR1004) :.12mm thick cement plster (1:6) over Brick work in inside -** 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royality, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	**157.56**	Sqm
i)	**BRM340 :** Cement	0.0358	5.640648	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.015	2.3634	1 Cum

6	**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	-	**118.56**	Sqm
i)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.3165552	1Cum.
ii)	**BRM092 :** Non-sal bullahs 75mm. mean dia of any length.	0.126	14.93856	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	**BRM029**	7.488	1 Cum	452.11	3385.39968
2	**BRM340**	98.776236	1 Qntl.	641.804	63394.983369744
3	**BRM028**	21.31506	1 Cum	457.05	9742.048173
4	**BRM044**	35.64288	1 Cum.	1277.77	45543.4027776
5	**BRM056**	2.26044	1 Cum.	1679.14	3795.5952216
6	**BRM104**	0.3165552	1Cum.	58573.086	18541.614953347
7	**BRM092**	14.93856	1Mtr.	229.106	3422.51372736
					Total: 147825.55790265