

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Bhawanipatna	Gram Panchayat	Karlaguda

Work Code	OD/358/3409/118611/423291/00053728 (Improvement of Gurguda Tank)
Project Category	Water Body

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Bhawanipatna	Proposal Date	-
Date of Commencement	19-09-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Tank	Project Type	Upgradation or Improvement
Name of Executant	Juli Mali		

Administrative Approval Details

Approval No.	OD/358/3409/118611/423291/00053728/AS
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Technical Sanction Details

Technical Sanction No.	OD/358/3409/118611/423291/00053728/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	500000

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	-	49.56	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.	-	21.82999998348	Cum
i)	BRM029 : Sand for filling and road blinding	1	21.82999998348	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.	-	69.4725	Cum
i)	BRM340 : Cement	2.29	159.092025	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	33.3468	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	66.6936	1 Cum.

4	<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>	-	1.3275	Cum
i)	BRM340 : Cement	3.23	4.287825	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.597375	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	1.19475	1 Cum.
5	<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>	-	177	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.47259	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	22.302	1Mtr.

6	Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (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, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	177	Sqm
i)	BRM340 : Cement	0.0358	6.3366	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	2.655	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	21.82999998348	1 Cum	413.05	9016.8814931764
2	BRM340	169.71645	1 Qntl.	611.157	103723.39643265
3	BRM028	36.599175	1 Cum	417.99	15298.08915825
4	BRM045	66.6936	1 Cum.	1193.57	79603.480152
5	BRM056	1.19475	1 Cum.	1802.83	2153.9311425
6	BRM104	0.47259	1Cum.	58573.086	27681.05471274
7	BRM092	22.302	1Mtr.	229.106	5109.522012

Total: 242586.35510332