

ESTIMATION DPR							
State	Odisha	District	Gajapati	Block	Kasinagar	Gram Panchayat	Parthada

Work Code	OD/353/3359/117485/414559/00064754 (Improvement of Tank at T.Gorba in Convergence with MGNREGA)						
Project Category	Water Body						

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Kasinagar	Proposal Date	-
Date of Commencement	24-11-2025	Date of Completion	-
Scheme Name	Kandhamal O Gajapati Bikas Yojana	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	Tank	Project Type	Upgradation or Improvement
Name of Executant	Raj Kumar Sahoo		

Administrative Approval Details

Approval No.	OD/353/3359/117485/414559/00064754/AS
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Technical Sanction Details

Technical Sanction No.	OD/353/3359/117485/414559/00064754/TS
Fund Sanction No.	2022
Fund Sanction Amount (in Rs.)	200000

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	-	2.916	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.	-	0.243	Cum
i)	BRM029 : Sand for filling and road blinding	1	0.243	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.	-	5.832	Cum
i)	BRM340 : Cement	2.29	13.35528	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	2.79936	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	5.59872	1 Cum.

4	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	-	12.96	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0346032	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.63296	1Mtr.
5	Special items for irrigation works(AR0216) :.Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum within an initial lead of 1km from the place of excavation. - Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum size with all lifts and delifts including trimming of slopes and bed to design section and depositing the the excavated materials away from work site as per the specification and as directed by the Engineer-in-charge within an initial lead of 1km from the place of excavation complete. Per 1 cum.	-	2354.8	Cum

i)	BRMMR0065 : Add for trimming of slope and bed manually.	1	2354.8	L.S.
ii)	BRMMR0102 : Cost of mechanical excavation per cum without supervision charge for item AR0216	1	2354.8	Cum
iii)	BRMMR0104 : Cost of transportation of loose earth within the initial lead of 1 km, excluding supervision charges - AR0216	1	2354.8	Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	0.243	1 Cum	673.45	163.64835
2	BRM340	13.35528	1 Qntl.	612.482	8179.86860496
3	BRM028	2.79936	1 Cum	678.39	1899.0578304
4	BRM044	5.59872	1 Cum.	1596.76	8939.8121472
5	BRM104	0.0346032	1Cum.	58573.086	2026.8162094752
6	BRM092	1.63296	1Mtr.	229.106	374.12093376
7	BRMMR0065	2354.8	L.S.	1	2354.8
8	BRMMR0102	2354.8	Cum	25.01	58893.548
9	BRMMR0104	2354.8	Cum	40.49	95345.852
					Total: 178177.5240758