

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Loisinga	Gram Panchayat	Badibahal

Work Code	OD/345/3291/115897/419923/00037979 (Renovation of Kia Kanta at Badibahal)
Project Category	Water Body

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Loisinga	Proposal Date	-
Date of Commencement	-	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Tank	Project Type	Renovation or Rejuvenation
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/345/3291/115897/419923/00037979/TS
Fund Sanction No.	33742
Fund Sanction Amount (in Rs.)	650000

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>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.</p>	-	5054.4	Cum
i)	BRMMR0065 : Add for trimming of slope and bed manually.	1	5054.4	L.S.
ii)	BRMMR0102 : Cost of mechanical excavation per cum without supervision charge for item AR0216	1	5054.4	Cum
iii)	BRMMR0104 : ost of transportation of loose earth within the initial lead of 1 km, excluding supervision charges - AR0216	1	5054.4	Cum

2	<p>Earth Work (AR0122Bi) :Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift -</p> <p>Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.</p>	-	684.45	Cum
i)	<p>BRMM402 : Loading into trucks and unloading from trucks within 50 Meter lead (2/3 of rate is consider for loading).</p>	-0.6666	-456.25437	1 Cum
ii)	<p>BRMM401 : Conveyance of material by 10 ton trucks within 5 KM including loading and unloading</p>	1	684.45	1 Cum
3	<p>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift -</p> <p>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</p>	-	18	Cum

4	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.	-	3.6	Cum
i)	BRM029 : Sand for filling and road blinding	1	3.6	1 Cum
5	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.	-	15.12	Cum
i)	BRM340 : Cement	2.29	34.6248	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.2576	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	14.5152	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	-	35.712	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.09535104	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	4.499712	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRMMR0065	5054.4	L.S.	1	5054.4
2	BRMMR0102	5054.4	Cum	25.01	126410.544
3	BRMMR0104	5054.4	Cum	40.49	204652.656
4	BRMM402	-456.25437	1 Cum	175.38	-80017.8914106
5	BRMM401	684.45	1 Cum	276.01	188915.0445
6	BRM029	3.6	1 Cum	413.05	1486.98
7	BRM340	34.6248	1 Qntl.	534.912	18521.2210176
8	BRM028	7.2576	1 Cum	417.99	3033.604224
9	BRM044	14.5152	1 Cum.	1271.26	18452.593152
10	BRM104	0.09535104	1Cum.	58620.646	5589.5395615718
11	BRM092	4.499712	1Mtr.	276.666	1244.917320192
Total: 493343.60836476					