

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kendujhar	<b>Block</b>	Telkoi	<b>Gram Panchayat</b>	Sirigida

<b>Work Code</b>	OD/361/3455/119532/386413/00049700 (Improvement of Kundheihota Nua Pokhari)
<b>Project Category</b>	Water Body

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Telkoi	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	25-11-2025	<b>Date of Completion</b>	06-01-2026
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Maintenance of Capital Assets
<b>Project Sub-Category</b>	Tank	<b>Project Type</b>	New Work
<b>Name of Executant</b>	Madhusmita Majhi		

### Administrative Approval Details

<b>Approval No.</b>	OD/361/3455/119532/386413/00049700/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/361/3455/119532/386413/00049700/TS
<b>Fund Sanction No.</b>	26956
<b>Fund Sanction Amount (in Rs.)</b>	500000

### 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><b>miscellaneous(ARM306) :.Excavation, loading &amp; carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) requiring blasting in canal, - Excavation, loading &amp; carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) requiring blasting in canal, foundation of structures and other deep cutting sections in dry, wet or submerged conditions by mechanical drilling and appropriate blasting &amp; disposal of excavated materials with 1 Km lead, loading into and transportation by transport vehicle and depositing the excavated materials neatly in approved specified dump yard within 1 Km lead &amp; dressing to pro section as direction by the Engineer-in-charge and trimming of bed and slope to the design finished section manually, if necessary including all cost of drilling conveyance and storage of explosive, fuse coil, detonators, all accessories, machine charges etc. complete as specification and direction of the Engineer-in-charge. (Special Items for Irrigation works).</b></p>	-	1228.94912	Cum
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i)	<p><b>BRMM306 :</b>  Excavation, loading &amp; carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) requiring blasting in canal, foundation of structures and other deep cutting sections in dry, wet or submerged conditions by mechanical drilling and appropriate blasting &amp; disposal of excavated materials with 1 Km lead, loading into and transportation by transport vehicle and depositing the excavated materials neatly in approved specified dump yard within 1 Km lead &amp; dressing to pro section as direction by the Engineer-in-charge and trimming of bed and slope to the design finished section manually, if necessary including all cost of drilling conveyance and storage of explosive, fuse coil, detonators, all accessories, machine charges etc. complete as specification and direction of the Engineer-in-charge.  (Special Items for Irrigation works)</p>	1	1228.94912	1 Cum
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2	<p><b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b>  Earth work in hard soil or gravelly soil foundation &amp; 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>	-	5.00706718976	Cum
3	<p><b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	4.06694942976	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	4.06694942976	1 Cum
4	<p><b>Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	8.108798848	Cum
i)	<b>BRM340</b> : Cement	2.29	18.56914936192	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	3.89222344704	1 Cum

iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	7.78444689408	1 Cum.
5	<b>R.C.C. Work (AR0410c) :R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b> 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	-	<b>86.6970796</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.231481202532	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	10.9238320296	1Mtr.
6	<b>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> 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.	-	<b>4.530688</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	14.63412224	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	2.0388096	1 Cum

iii)	<b>BRM056</b> : 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	4.0776192	1 Cum.
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRMM306</b>	1228.94912	1 Cum	308.4	379007.908608
2	<b>BRM029</b>	4.06694942976	1 Cum	786.71	3199.5097858865
3	<b>BRM340</b>	33.20327160192	1 Qntl.	616.087	20456.103991412
4	<b>BRM028</b>	5.93103304704	1 Cum	796.71	4725.3133389072
5	<b>BRM044</b>	7.78444689408	1 Cum.	1792.06	13950.195901005
6	<b>BRM104</b>	0.231481202532	1Cum.	58620.646	13569.577629283
7	<b>BRM092</b>	10.9238320296	1Mtr.	276.666	3022.2529123013
8	<b>BRM056</b>	4.0776192	1 Cum.	2166.81	8835.426058752

**Total: 446766.28822555**