

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kalahandi	<b>Block</b>	Dharamagarh	<b>Gram Panchayat</b>	Bramhanchhendra

<b>Work Code</b>	OD/358/3410/118629/423938/00060111 (RENOVATION OF FUTAMUNDA TANK AT BRAHMANCHHENDIA)
<b>Project Category</b>	Water Body

<b>Financial Year</b>	2021-22	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Dharamagarh	<b>Proposal Date</b>	09-06-2025
<b>Date of Commencement</b>	26-01-2026	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Creation of Capital Asset for Revenue Generation
<b>Project Sub-Category</b>	Tank	<b>Project Type</b>	Renovation or Rejuvenation
<b>Name of Executant</b>	JYOTIPRAKASH PRADHAN		

### Administrative Approval Details

<b>Approval No.</b>	OD/358/3410/118629/423938/00060111/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/358/3410/118629/423938/00060111/TS
<b>Fund Sanction No.</b>	14732
<b>Fund Sanction Amount (in Rs.)</b>	1000000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<p><b>Site Clearance (AR1402) :</b>  <b>Clearing grass and removal of rubbish up to a distance of 50 metres outside -</b>            Clearing grass and removal of rubbish up to a distance of 50 metres outside the periphery of the area and as per direction of Engineer-in-Charge.</p>	Sqm	3589	2.436524	77712.51888

2	<p><b>Earth Work (AR0122Bii) :</b>  <b>Earthwork in hard soil or gravelly soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift -</b>  Earthwork in hard soil or gravelly 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>	Cum	1531.8	361.33930892	77712.51888
3	<p><b>Earth Work (AR0102aa) :</b>  <b>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>	Cum	48.6	240.77592	77712.51888

4	<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>	Cum	8.1	636.808232	77712.51888
5	<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>	Cum	61.5	5374.8923863	77712.51888

6	<b>Masonry Stone Work (AR0715) : Rough stone dry packing</b> - Rough stone dry packing in aprons and revetments with hard granite stones (30cm above size) with hard granite stones of size not less than 0.0025 cum stacked including cost, conveyance, royalty,taxes of all materials, labour required for the work etc. complete and as per direction of Engineer-in charge.	Cum	43.2	1798.9009	77712.51888
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**Total Amount (in Rs.): 987372.49506831**

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Site Clearance (AR1402) : Clearing grass and removal of rubbish up to a distance of 50 metres outside</b> - Clearing grass and removal of rubbish up to a distance of 50 metres outside the periphery of the area and as per direction of Engineer-in-Charge.	-	3589	Sqm
i	Un-Skilled	0.005	17.945	-
ii	Semi-Skilled	0.0002	0.7178	-

2	<p><b>Earth Work (AR0122Bii) :</b>  <b>Earthwork in hard soil or gravelly soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift -</b>  Earthwork in hard soil or gravelly 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>	-	1531.8	Cum
i	Un-Skilled	0.43	658.674	-
3	<p><b>Earth Work (AR0102aa) :</b> <b>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>	-	48.6	Cum
i	Un-Skilled	0.516	25.0776	-

4	<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>	-	8.1	Cum
i	Un-Skilled	0.1236	1.00116	-
5	<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>	-	61.5	Cum
i	Skilled	0.18	11.07	-
ii	Un-Skilled	3.9	239.85	-

6	<b>Masonry Stone Work (AR0715) : Rough stone dry packing</b> - Rough stone dry packing in aprons and revetments with hard granite stones (30cm above size) with hard granite stones of size not less than 0.0025 cum stacked including cost, conveyance, royalty,taxes of all materials, labour required for the work etc. complete and as per direction of Engineer-in charge.	-	43.2	Cum
i	Un-Skilled	1.39	60.048	-
ii	Highly-Skilled	0.17	7.344	-
iii	Semi-Skilled	0.35	15.12	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	1002.59576	462	463199.24112
1	Semi-Skilled	15.8378	512	8108.9536
2	Skilled	11.07	562	6221.34
3	Highly-Skilled	7.344	612	4494.528
<b>Total:</b>				<b>482024.06272</b>

## 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>Site Clearance (AR1402) :.Clearing grass and removal of rubbish up to a distance of 50 metres outside -</b> Clearing grass and removal of rubbish up to a distance of 50 metres outside the periphery of the area and as per direction of Engineer-in-Charge.</p>	-	3589	Sqm
2	<p><b>Earth Work (AR0122Bii) :.Earthwork in hard soil or gravelly soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift -</b> Earthwork in hard soil or gravelly 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>	-	1531.8	Cum
i)	<p><b>BRMM402 :</b> Loading into trucks and unloading from trucks within 50 Meter lead (2/3 of rate is consider for loading).</p>	-0.6666	-1021.09788	1 Cum
ii)	<p><b>BRMM401 :</b> Conveyance of material by 10 ton trucks within 5 KM including loading and unloading</p>	1	1531.8	1 Cum

3	<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>	-	48.6	Cum
4	<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>	-	8.1	Cum
i)	<p><b>BRM029 : Sand for filling and road blinding</b></p>	1	8.1	1 Cum
5	<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>	-	61.5	Cum
i)	<p><b>BRM340 : Cement</b></p>	2.29	140.835	1 Qntl.
ii)	<p><b>BRM028 : Screened and washed sharp sand for mortar</b></p>	0.48	29.52	1 Cum

iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	59.04	1 Cum.
6	<b>Masonry Stone Work (AR0715) :.Rough stone dry packing</b> - Rough stone dry packing in aprons and revetments with hard granite stones (30cm above size) with hard granite stones of size not less than 0.0025 cum stacked including cost, conveyance, royalty,taxes of all materials, labour required for the work etc. complete and as per direction of Engineer-in charge.	-	43.2	Cum
i)	<b>BRM034</b> : Granite broken stone of size not less than 0.0025 Cum. Stacked	1	43.2	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRMM402</b>	-1021.09788	1 Cum	175.38	-179080.1461944
2	<b>BRMM401</b>	1531.8	1 Cum	276.01	422792.118
3	<b>BRM029</b>	8.1	1 Cum	478.15	3873.015
4	<b>BRM340</b>	140.835	1 Qntl.	614.177	86497.617795
5	<b>BRM028</b>	29.52	1 Cum	483.09	14260.8168
6	<b>BRM044</b>	59.04	1 Cum.	1401.46	82742.1984
7	<b>BRM034</b>	43.2	1 Cum.	698.17	30160.944
<b>Total: 461246.5638006</b>					

## ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Site Clearance (AR1402) :.Clearing grass and removal of rubbish up to a distance of 50 metres outside</b> - Clearing grass and removal of rubbish up to a distance of 50 metres outside the periphery of the area and as per direction of Engineer-in-Charge.	-	3589	Sqm

2	<p><b>Earth Work (AR0122Bii)</b>  <b>∴Earthwork in hard soil or gravelly soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift</b> - Earthwork in hard soil or gravelly 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>	-	1531.8	Cum
3	<p><b>Earth Work (AR0102aa)</b> ∴<b>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>	-	48.6	Cum
4	<p><b>Earth Work (AR0115)</b>  <b>∴.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>	-	8.1	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	8.1	1 Cum

5	<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&P required for the work etc. complete and as per direction of Engineer-in charge.	-	61.5	Cum
i)	<b>BRM340</b> : Cement	2.29	140.835	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	29.52	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	59.04	1 Cum.
6	<b>Masonry Stone Work (AR0715) :.Rough stone dry packing -</b> Rough stone dry packing in aprons and revetments with hard granite stones (30cm above size) with hard granite stones of size not less than 0.0025 cum stacked including cost, conveyance, royalty,taxes of all materials, labour required for the work etc. complete and as per direction of Engineer-in charge.	-	43.2	Cum
i)	<b>BRM034</b> : Granite broken stone of size not less than 0.0025 Cum. Stacked	1	43.2	1 Cum.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	8.1	1 Cum	95.25	771.525
2	<b>BRM028</b>	29.52	1 Cum	95.25	2811.78
3	<b>BRM044</b>	59.04	1 Cum.	157.5	9298.8
4	<b>BRM034</b>	43.2	1 Cum.	157.5	6804

Total: 19686.105

**ADDITION COMPONENT**

<b>Sl.No.</b>	<b>Item Name</b>	<b>Amount (in Rs.)</b>
1	Display Citizen Board @ Rs. 2627	Rs. 2627
2	Provision for Contingency @ Rs. 10000	Rs. 10000
		<b>Total Addition Component Amount (in Rs.): 12627</b>

**Total Net Amount (in Rs.): 999999.49506831**