

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Nayagarh	<b>Block</b>	Nayagarh	<b>Gram Panchayat</b>	Muthagadia

<b>Work Code</b>	OD/367/3527/275497/406384/00017154 (Preservation and Development of Kalahandi Gan Munda Pokhari near Shiv Mandir)						
<b>Project Category</b>	Water Body						

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Nayagarh	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Preservation and Development of Water Bodies
<b>Project Sub-Category</b>	Tank	<b>Project Type</b>	Renovation or Rejuvenation
<b>Name of Executant</b>	Manoja Kumar Sethi		

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	663694

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;"><b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift - 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</b></p>	Cum	79.9666432	240.77592	19254.042085792
2	<p style="text-align: center;"><b>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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</b></p>	Cum	9.9958304	780.783732	7804.5817641511

3	<p><b>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	9.9958304	5171.4398043	51692.835207592
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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>	Cum	98.184044104	5357.1860763	525990.19398877
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5	<p style="text-align: center;"><b>R.C.C.</b></p> <p><b>Work (AR0410c) :</b>  <b>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</p>	Sqm	262.358072	216.23489289764	56730.969599751
<b>Total Amount (in Rs.): 661472.62264606</b>					

### LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<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>	-	79.9666432	Cum
i	Un-Skilled	0.516	41.2627878912	-
2	<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>	-	9.9958304	Cum
i	Un-Skilled	0.1236	1.23548463744	-

3	<b>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b> 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.	-	9.9958304	Cum
i	Un-Skilled	3.9	38.98373856	-
ii	Skilled	0.18	1.799249472	-

4	<p><b>Concrete (AR0303)</b>  <b>: 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>	-	98.184044104	Cum
i	Skilled	0.18	17.67312793872	-
ii	Un-Skilled	3.9	382.9177720056	-

5	<b>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</b>	-	262.358072	Sqm
i	Semi-Skilled	0.05	13.1179036	-
ii	Skilled	0.05	13.1179036	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	464.39978309424	462	214552.69978954
4	Skilled	32.59028101072	562	18315.737928025
3	Semi-Skilled	13.1179036	512	6716.3666432
<b>Total: 239584.80436076</b>				

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<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>	-	<b>79.9666432</b>	Cum
2	<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>	-	<b>9.9958304</b>	Cum
i)	<p><b>BRM029</b> : Sand for filling and road blinding</p>	1	9.9958304	1 Cum

3	<p><b>Concrete (AR0303a)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	<b>9.9958304</b>	Cum
i)	<b>BRM340 : Cement</b>	2.29	22.890451616	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	4.797998592	1 Cum
iii)	<b>BRM045 : Granite Stone broken metal 40mm. size (Hand broken)</b>	0.96	9.595997184	1 Cum.
4	<p><b>Concrete (AR0303)</b>  <b>:.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>	-	<b>98.184044104</b>	Cum
i)	<b>BRM340 : Cement</b>	2.29	224.84146099816	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	47.12834116992	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	94.25668233984	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 - 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>	-	<b>262.358072</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.70049605224	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	33.057117072	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	9.9958304	1 Cum	410.7	4105.28754528
2	<b>BRM340</b>	247.73191261416	1 Qntl.	579.287	143507.87646252
3	<b>BRM028</b>	51.92633976192	1 Cum	417.13	21660.03410489
4	<b>BRM045</b>	9.595997184	1 Cum.	1038.44	9964.867315753
5	<b>BRM044</b>	94.25668233984	1 Cum.	1230.01	115936.66184483
6	<b>BRM104</b>	0.70049605224	1Cum.	58573.086	41030.215510514
7	<b>BRM092</b>	33.057117072	1Mtr.	229.106	7573.5838638976
<b>Total: 343778.52664768</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	9.9958304	1 Cum	305.25	3051.2272296
2	<b>BRM028</b>	51.92633976192	1 Cum	305.25	15850.515212326
3	<b>BRM045</b>	9.595997184	1 Cum.	199.5	1914.401438208
4	<b>BRM044</b>	94.25668233984	1 Cum.	199.5	18804.208126798
<b>Total: 39620.352006932</b>					

#### **ADDITION COMPONENT**

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 2221.3	Rs. 2221.3
<b>Total Addition Component Amount (in Rs.): 2221.3</b>		

**Total Net Amount (in Rs.): 663693.92264606**