

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balangir	<b>Block</b>	Balangir	<b>Gram Panchayat</b>	Sikachhida

<b>Work Code</b>	OD/345/3285/115798/420238/00016510 (Improvement Of Nuabandh Tank At Kanakpur)						
<b>Project Category</b>	Water Body						

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Balangir	<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>	Embankment	<b>Project Type</b>	Upgradation or Improvement
<b>Name of Executant</b>	Prasant Guru		

### 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>	300000

### 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>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 -</b></p> <p>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>	Cum	1308.23616	67.165	87867.6816864
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2	<p style="text-align: center;"><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	3.89356	748.069832	2912.6547750819
3	<p style="text-align: center;"><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	31.927192	5472.31801246	174715.74786887

4	<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	91.97397	216.38633185162	19901.909994131
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5	<p style="text-align: center;"><b>Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum</b></p>	Cum	19.4678	179.18208	3488.280897024
<b>Total Amount (in Rs.): 288886.27522151</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>Special items for irrigation works (AR0216) :</b>  <b>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 -</b> 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>	-	1308.23616	Cum
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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>	-	3.89356	Cum
i	Un-Skilled	0.1236	0.481244016	-
3	<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>	-	31.927192	Cum
i	Skilled	0.18	5.74689456	-
ii	Un-Skilled	3.9	124.5160488	-

4	<p><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</p>	-	91.97397	Sqm
i	Semi-Skilled	0.05	4.5986985	-
ii	Skilled	0.05	4.5986985	-
5	<p><b>Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift -</b> Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum</p>	-	19.4678	Cum

i	Un-Skilled	0.384	7.4756352	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	132.472928016	462	61202.492743392
4	Skilled	10.34559306	562	5814.22329972
3	Semi-Skilled	4.5986985	512	2354.533632
<b>Total:</b>				<b>69371.249675112</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>Special items for irrigation works(AR0216)</b>  <b>:.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</b> - 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>	-	1308.23616	Cum
i)	<b>BRMMR0065</b> : Add for trimming of slope and bed manually.	1	1308.23616	L.S.
ii)	<b>BRMMR0102</b> : Cost of mechanical excavation per cum without supervision charge for item AR0216	1	1308.23616	Cum
iii)	<b>BRMMR0104</b> : ost of transportation of loose earth within the initial lead of 1 km, excluding supervision charges -AR0216	1	1308.23616	Cum

2	<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 & P required for the work etc. complete and as per direction of Engineer-in charge.	-	<b>3.89356</b>	Cum
i)	<b>BRM029 :</b> Sand for filling and road blinding	1	3.89356	1 Cum
3	<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.	-	<b>31.927192</b>	Cum
i)	<b>BRM340 :</b> Cement	2.29	73.11326968	1 Qntl.
ii)	<b>BRM028 :</b> Screened and washed sharp sand for mortar	0.48	15.32505216	1 Cum
iii)	<b>BRM044 :</b> Granite Stone broken metal 40mm. size (Crusher broken)	0.96	30.65010432	1 Cum.

4	<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>91.97397</b>	Sqm
i)	<b>BRM104 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b>	0.00267		0.2455704999	1Cum.
ii)	<b>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</b>	0.126		11.58872022	1Mtr.
5	<b>Earth Work (AR0101aa) :.Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum</b>	-		<b>19.4678</b>	Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRMMR0065</b>	1308.23616	L.S.	1	1308.23616

2	<b>BRMMR0102</b>	1308.23616	Cum	25.01	32718.9863616
3	<b>BRMMR0104</b>	1308.23616	Cum	40.49	52970.4821184
4	<b>BRM029</b>	3.89356	1 Cum	582.31	2267.2589236
5	<b>BRM340</b>	73.11326968	1 Qntl.	575.779	42097.085303081
6	<b>BRM028</b>	15.32505216	1 Cum	587.25	8999.63688096
7	<b>BRM044</b>	30.65010432	1 Cum.	1333.756	40879.760537426
8	<b>BRM104</b>	0.2455704999	1Cum.	58618.7436	14395.034169362
9	<b>BRM092</b>	11.58872022	1Mtr.	274.7636	3184.15848704
<b>Total: 198820.63894147</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	3.89356	1 Cum	101.25	394.22295
2	<b>BRM028</b>	15.32505216	1 Cum	101.25	1551.6615312
3	<b>BRM044</b>	30.65010432	1 Cum.	248.5	7616.55092352
<b>Total: 9562.43540472</b>					

## ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 3000	Rs. 3000
2	Any Other Lumpsum @ Rs. 8113	Rs. 8113
<b>Total Addition Component Amount (in Rs.): 11113</b>		

**Total Net Amount (in Rs.): 299999.27522151**