

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Koraput	<b>Block</b>	Nandapur	<b>Gram Panchayat</b>	Bilaput

<b>Work Code</b>	OD/363/3476/119872/429602/00035626 (RENOVATION OF TANK AT KHINMUNG)
<b>Project Category</b>	Water Body

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Nandapur	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	21-02-2026	<b>Date of Completion</b>	-
<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>	Renovation or Rejuvenation
<b>Name of Executant</b>	Prasanna Kumar Suchen		

### Administrative Approval Details

<b>Approval No.</b>	OD/363/3476/119872/429602/00035626/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/363/3476/119872/429602/00035626/TS
<b>Fund Sanction No.</b>	1313
<b>Fund Sanction Amount (in Rs.)</b>	400000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<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	281.06685	240.77592	219759.5673
2	<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>	Cum	14.64435	6104.21021894	219759.5673

3	<p><b>Concrete (AR0307) :</b>  <b>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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	Cum	1.42375	7557.02197778	219759.5673
4	<p><b>R.C.C. 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	14.7	216.23489289764	219759.5673

5	<b>Masonry Stone Work (AR0713) :</b> <b>Rough stone dry packing in aprons and revetments with hard granite stones (15cm to 30cm) with hard granite stones -</b> Rough stone dry packing in aprons and revetments with hard granite stones (15cm to 30cm) 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. (15cm-30cm)	Cum	117	1878.2869	219759.5673
<b>Total Amount (in Rs.): 390763.85057645</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<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 & 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	-	281.06685	Cum

	i	Un-Skilled	0.516	145.0304946	-
2		<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>	-	14.64435	Cum
	i	Skilled	0.18	2.635983	-
	ii	Un-Skilled	3.9	57.112965	-
3		<p><b>Concrete (AR0307) :</b>  <b>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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>	-	1.42375	Cum

	i	Un-Skilled	4.6	6.54925	-
	ii	Skilled	0.68	0.96815	-
4		<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	-	14.7	Sqm
	i	Semi-Skilled	0.05	0.735	-
	ii	Skilled	0.05	0.735	-
5		<b>Masonry Stone Work (AR0713) : Rough stone dry packing in aprons and revetments with hard granite stones (15cm to 30cm) with hard granite stones -</b> Rough stone dry packing in aprons and revetments with hard granite stones (15cm to 30cm) 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. (15cm-30cm)	-	117	Cum

i	Un-Skilled	1.04	121.68	-
ii	Highly-Skilled	0.17	19.89	-
iii	Semi-Skilled	0.35	40.95	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	330.3727096	462	152632.1918352
1	Skilled	4.339133	562	2438.592746
2	Semi-Skilled	41.685	512	21342.72
3	Highly-Skilled	19.89	612	12172.68
<b>Total: 188586.1845812</b>				

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<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 & 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>281.06685</b>	Cum

2	<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>14.64435</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	33.5355615	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	7.029288	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	14.058576	1 Cum.
3	<p><b>Concrete (AR0307)</b>  <b>:.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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	-	<b>1.42375</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	4.5987125	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.6406875	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	1.281375	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 -</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	-	14.7	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.039249	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.8522	1Mtr.
5	<b>Masonry Stone Work (AR0713) :-Rough stone dry packing in aprons and revetments with hard granite stones (15cm to 30cm) with hard granite stones -</b> Rough stone dry packing in aprons and revetments with hard granite stones (15cm to 30cm) 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. (15cm-30cm)	-	117	Cum
i)	<b>BRM034</b> : Granite broken stone of size not less than 0.0025 Cum. Stacked	1	117	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	38.134274	1 Qntl.	577.102	22007.365793948
2	BRM028	7.6699755	1 Cum	872.67	6693.357519585
3	BRM044	14.058576	1 Cum.	2041.16	28695.80298816
4	BRM056	1.281375	1 Cum.	2442.53	3129.79687875
5	BRM104	0.039249	1Cum.	58573.086	2298.935052414
6	BRM092	1.8522	1Mtr.	229.106	424.3501332
7	BRM034	117	1 Cum.	893.47	104535.99
<b>Total: 167785.59836606</b>					

## ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<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 & 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>281.06685</b>	Cum
2	<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>14.64435</b>	Cum

i)	<b>BRM340</b> : Cement	2.29	33.5355615	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	7.029288	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	14.058576	1 Cum.
3	<b>Concrete (AR0307)</b> :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - 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>1.42375</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	4.5987125	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.6406875	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	1.281375	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 -</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	-		14.7	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267		0.039249	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.000614		0.0090258	1Mtr.
5	<b>Masonry Stone Work (AR0713) :.Rough stone dry packing in aprons and revetments with hard granite stones (15cm to 30cm) with hard granite stones -</b> Rough stone dry packing in aprons and revetments with hard granite stones (15cm to 30cm) 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. (15cm-30cm)	-		117	Cum
i)	<b>BRM034</b> : Granite broken stone of size not less than 0.0025 Cum. Stacked	1		117	1 Cum.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	7.6699755	1 Cum	44.25	339.396415875
2	<b>BRM044</b>	14.058576	1 Cum.	202.5	2846.86164
3	<b>BRM056</b>	1.281375	1 Cum.	202.5	259.4784375

4	BRM034	117	1 Cum.	202.5	23692.5
					<b>Total: 27138.236493375</b>

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 5000	Rs. 5000
2	Any Other Lumpsum @ Rs. 328	Rs. 328
3	Provision for Contingency @ 1%	Rs. 3907.6385057645
		<b>Total Addition Component Amount (in Rs.): 9235.6385057645</b>

**Total Net Amount (in Rs.): 399999.48908221**