

ESTIMATION DPR							
State	Odisha	District	Nayagarh	Block	Odagaon	Gram Panchayat	Bhadikila

Work Code	OD/367/3529/275504/406535/00049596 (Renovation of Panchayat front Tank)
Project Category	Water Body

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Odagaon	Proposal Date	-
Date of Commencement	15-01-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Creation of Capital Asset for Revenue Generation
Project Sub-Category	Tank	Project Type	New Work
Name of Executant	Sradhanjali Sathua Mohapatra		

Administrative Approval Details

Approval No.	OD/367/3529/275504/406535/00049596/AS
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Technical Sanction Details

Technical Sanction No.	OD/367/3529/275504/406535/00049596/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	200000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - 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</p>	Cum	29.34	240.77592	16639.275008473
2	<p>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 & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	2.934	701.882532	16639.275008473

3	Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.	Cum	30.97	5503.62865078	16639.275008473
4	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	Sqm	76.95	216.23489289764	16639.275008473
Total Amount (in Rs.): 196210.34316482					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift -</p> <p>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</p>	-	29.34	Cum
i	Un-Skilled	0.516	15.13944	-
2	<p>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</p> <p>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.</p>	-	2.934	Cum
i	Un-Skilled	0.1236	0.3626424	-

3	<p>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.</p>	-	30.97	Cum
i	Skilled	0.18	5.5746	-
ii	Un-Skilled	3.9	120.783	-
4	<p>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</p>	-	76.95	Sqm
i	Semi-Skilled	0.05	3.8475	-
ii	Skilled	0.05	3.8475	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	136.2850824	462	62963.7080688
1	Skilled	9.4221	562	5295.2202
2	Semi-Skilled	3.8475	512	1969.92
Total: 70228.8482688				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - 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	-	29.34	Cum
2	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 & P required for the work etc. complete and as per direction of Engineer-in charge.	-	2.934	Cum
i)	BRM029 : Sand for filling and road blinding	1	2.934	1 Cum

3	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.	-		30.97	Cum
i)	BRM340 : Cement	2.29		70.9213	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48		14.8656	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96		29.7312	1 Cum.
4	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	-		76.95	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267		0.2054565	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126		9.6957	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	2.934	1 Cum	332.58	975.78972

2	BRM340	70.9213	1 Qntl.	587.627	41675.2707551
3	BRM028	14.8656	1 Cum	716.59	10652.540304
4	BRM044	29.7312	1 Cum.	1295.11	38505.174432
5	BRM104	0.2054565	1Cum.	58573.086	12034.221243759
6	BRM092	9.6957	1Mtr.	229.106	2221.3430442
Total: 106064.33949906					

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - 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	-	29.34	Cum
2	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 & P required for the work etc. complete and as per direction of Engineer-in charge.	-	2.934	Cum
i)	BRM029 : Sand for filling and road blinding	1	2.934	1 Cum

3	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.	-		30.97	Cum
i)	BRM340 : Cement	2.29		70.9213	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48		14.8656	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96		29.7312	1 Cum.
4	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	-		76.95	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267		0.2054565	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614		0.0472473	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	2.934	1 Cum	305.25	895.6035

2	BRM028	14.8656	1 Cum	305.25	4537.7244
3	BRM044	29.7312	1 Cum.	244.5	7269.2784
					Total: 12702.6063

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 1788	Rs. 1788
2	Provision for Contingency @ Rs. 2000	Rs. 2000
		Total Addition Component Amount (in Rs.): 3788

Total Net Amount (in Rs.): 199998.34316482