ESTIMATION DPR							
State	Odisha	**District**	Khordha	**Block**	Banapur	**Gram Panchayat**	Bheteswar

Work Code	OD/362/3458/119564/408442/00070341 (RENOVATION OF BHETINATHA TANK AT BHETESWAR)
Project Category	Water Body

Financial Year	2021-22	**Execution Level**	PS
Executing Agency	Panchayat Samiti, Banapur	**Proposal Date**	-
Date of Commencement	31-03-2026	**Date of Completion**	04-04-2026
Scheme Name	5th SFC Grant in Aid	**Scheme Component Name**	Creation of Capital Asset for Revenue Generation
Project Sub-Category	Tank	**Project Type**	Renovation or Rejuvenation
Name of Executant	pramoda kumar nanda		

Administrative Approval Details

Approval No.	OD/362/3458/119564/408442/00070341/AS

Technical Sanction Details

Technical Sanction No.	OD/362/3458/119564/408442/00070341/TS
Fund Sanction No.	9262
Fund Sanction Amount (in Rs.)	1000000

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	-	**33.3005568**	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.	-	**26.1647232**	Cum
i)	**BRM029 :** Sand for filling and road blinding	1	26.1647232	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.	-	**26.278556736**	Cum
i)	**BRM340 :** Cement	2.29	60.17789492544	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.48	12.61370723328	1 Cum
iii)	**BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken)	0.96	25.22741446656	1 Cum.

4	**R.C.C. Work (AR0404Aa) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -** Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concreate, pre-cast slabs etc.)	-	**55.3027104**	Cum
i)	**BRM340 :** Cement	3.4733	192.08290403232	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	24.88621968	1 Cum
iii)	**BRM060 :** Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	19.908975744	1 Cum.
iv)	**BRM052 :** Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	29.863463616	1 Cum.
v)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.221487355152	1Cum.
vi)	**BRM092 :** Non-sal bullahs 75mm. mean dia of any length.	0.000921	0.0509337962784	1Mtr.

5	**R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position -** Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	**36.97572996**	Qntl
i)	**BRM341 :** Steel	1.05	38.824516458	1 Qntl.
6	**Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) -** 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	**280.938672**	Sqm
i)	**BRM340 :** Cement	0.0372	10.4509185984	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.0075	2.10704004	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	**BRM029**	26.1647232	1 Cum	110.25	2884.6607328
2	**BRM028**	39.60696695328	1 Cum	110.25	4366.6681065991
3	**BRM044**	25.22741446656	1 Cum.	409.5	10330.626224056
4	**BRM060**	19.908975744	1 Cum.	409.5	8152.725567168
5	**BRM052**	29.863463616	1 Cum.	409.5	12229.088350752
					Total: 37963.768981375