

BILLING DPR							
State	Odisha	District	Jajpur	Block	Badchana	Gram Panchayat	Paria
Work Code	OD/356/3394/118263/401717/00049367 (Renovation of Badagadia Tank)						
Project Category	Water Body						
Financial Year	2023-24		Execution Level		PS		
Executing Agency	Panchayat Samiti, Badchana		Bill Status		Final Bill		
Proposal Date	-		Date of Commencement		31-08-2025		
Date of Completion	12-09-2025		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				

Administrative Approval Details

Approval No.	OD/356/3394/118263/401717/00049367/AS
---------------------	---------------------------------------

Technical Sanction Details

Technical Sanction No.	OD/356/3394/118263/401717/00049367/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	1000000

MATERIAL 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	-	72.0405	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.	-	78.054	Cum
i)	BRM029 : Sand for filling and road blinding	1	78.054	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.	-	24.438	Cum
i)	BRM340 : Cement	2.29	55.96302	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	11.73024	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	23.46048	1 Cum.
4	Concrete (AR0307a) :.Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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 specifaion and direction of Engineer-in charge.	-	15.468	Cum
i)	BRM057 : 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)(Hand broken)	0.9	13.9212	1 Cum.
ii)	BRM340 : Cement	3.23	49.96164	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.9606	1 Cum
5	Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	4.2625	Cum
i)	BRM340 : Cement	0.672	2.8644	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.1935	1 Cum
iii)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	350	1491.875	1000 Nos
6	R.C.C. Work (AR0404A) :.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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	27.225	Cum
i)	BRM340 : Cement	3.4733	94.5605925	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	12.25125	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	9.801	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	14.7015	1 Cum.
7	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.	-	17.18	Qntl
i)	BRM162 : Binding Wire.	0.8	13.744	1 Kg.
ii)	BRM341 : Steel	1.05	18.039	1 Qntl.
8	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	-	13.75	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0367125	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.7325	1Mtr.
9	R.C.C. Work (AR0410f) :.Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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 in ground floor R.C.C. walls and fins including attached pilasters	-	112.75	Sqm
i)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.42175732217573	47.553138075314	1Mtr.
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051171548117155	0.57695920502092	1Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	78.054	1 Cum	673.45	52565.4663
2	BRM340	203.3496525	1 Qntl.	583.557	118666.11316394
3	BRM028	32.13559	1 Cum	678.39	21800.4629001
4	BRM044	23.46048	1 Cum.	1672.31	39233.1953088
5	BRM057	13.9212	1 Cum.	1803.21	25102.847052
6	BRM005	1491.875	1000 Nos	6.7781	10112.0779375
7	BRM060	9.801	1 Cum.	2146.81	21040.88481
8	BRM052	14.7015	1 Cum.	2114	31078.971
9	BRM162	13.744	1 Kg.	90.1	1238.3344

10	BRM341	18.039	1 Qntl.	6624.497	119499.301383
11	BRM104	0.61367170502092	1Cum.	58573.086	35944.645553957
12	BRM092	1.7325	1Mtr.	229.106	396.926145
13	BRM094	47.553138075314	1Mtr.	240.106	11417.793770711
					Total: 488097.01972501