

ESTIMATION DPR							
State	Odisha	District	Puri	Block	Brahmagiri	Gram Panchayat	Manapada

Work Code	OD/369/3537/120903/409943/00069676 (Renovation of pond at SisupurVillage)
Project Category	Water Body

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Brahmagiri	Proposal Date	-
Date of Commencement	11-12-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Guard Wall or Retaining Wall or Protection Wall	Project Type	New Work
Name of Executant	GITANJALI BEHERA		

Administrative Approval Details

Approval No.	OD/369/3537/120903/409943/00069676/AS
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Technical Sanction Details

Technical Sanction No.	OD/369/3537/120903/409943/00069676/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	500000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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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	Cum	76.45536	240.77592	45199.958073456
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.	Cum	12.74256	933.808832	45199.958073456

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	69.1496256	6036.28721394	45199.958073456
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	209.03175	216.23489289764	45199.958073456
Total Amount (in Rs.): 492914.6836447					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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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	-	76.45536	Cum
i	Un-Skilled	0.516	39.45096576	-
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.	-	12.74256	Cum
i	Un-Skilled	0.1236	1.574980416	-

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.	-	69.1496256	Cum
i	Skilled	0.18	12.446932608	-
ii	Un-Skilled	3.9	269.68353984	-
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	-	209.03175	Sqm
i	Semi-Skilled	0.05	10.4515875	-
ii	Skilled	0.05	10.4515875	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	310.709486016	462	143547.78253939
1	Skilled	22.898520108	562	12868.968300696
2	Semi-Skilled	10.4515875	512	5351.2128
				Total: 161767.96364009

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	-	76.45536	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.	-	12.74256	Cum
i)	BRM029 : Sand for filling and road blinding	1	12.74256	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.	-	69.1496256	Cum
i)	BRM340 : Cement	2.29	158.352642624	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	33.191820288	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	66.383640576	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	-	209.03175	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.5581147725	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	26.3380005	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	12.74256	1 Cum	792.21	10094.7834576

2	BRM340	158.352642624	1 Qntl.	595.407	94284.271886828
3	BRM028	33.191820288	1 Cum	806.71	26776.173344532
4	BRM044	66.383640576	1 Cum.	1966.51	130544.09302911
5	BRM104	0.5581147725	1Cum.	58573.086	32690.504567513
6	BRM092	26.3380005	1Mtr.	229.106	6034.193942553
Total: 300424.02022814					

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	-	76.45536	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.	-	12.74256	Cum
i)	BRM029 : Sand for filling and road blinding	1	12.74256	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.	-	69.1496256	Cum
i)	BRM340 : Cement	2.29	158.352642624	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	33.191820288	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	66.383640576	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	-	209.03175	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.5581147725	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.1283454945	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	12.74256	1 Cum	75.25	958.87764

2	BRM028	33.191820288	1 Cum	75.25	2497.684476672
3	BRM044	66.383640576	1 Cum.	170.5	11318.410718208
					Total: 14774.97283488

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 2085	Rs. 2085
2	Provision for Contingency @ Rs. 5000	Rs. 5000
		Total Addition Component Amount (in Rs.): 7085

Total Net Amount (in Rs.): 499999.6836447