

BILLING DPR

State	Odisha	District	Kandhamal	Block	Phulbani	Gram Panchayat	Minia
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Work Code	OD/359/3430/118986/415535/00013534 (Const. of Guard wall on the road from Daadisahi to Talasahi)
Project Category	Water Body

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Phulbani	Bill Status	Final Bill
Proposal Date	20-04-2021	Date of Commencement	05-06-2025
Date of Completion	10-11-2025	Scheme Name	5th SFC Grant in Aid
Scheme Component Name	All Weather Connectivity	Project Sub-Category	Guard Wall or Retaining Wall or Protection Wall
Project Type	New Work	Name of Executant	

Administrative Approval Details

Approval No.	OD/359/3430/118986/415535/00013534/AS
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Technical Sanction Details

Technical Sanction No.	OD/359/3430/118986/415535/00013534/TS
Fund Sanction No.	10076 & 2459
Fund Sanction Amount (in Rs.)	200000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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	14.51236	235.56432	19718.380197683
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	2.902472	674.101472	19718.380197683

3	Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	30.1857088	5463.5736688	19718.380197683
4	Concrete (AR0307) : 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.	Cum	0.592104288	8179.5241476	19718.380197683
5	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	91.416552	215.69813962884	19718.380197683
Total Amount (in Rs.): 194858.51015566					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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	-	14.51236	Cum
i	Un-Skilled	0.516	7.48837776	-
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.	-	2.902472	Cum
i	Un-Skilled	0.1236	0.3587455392	-
3	Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	30.1857088	Cum
i	Un-Skilled	3.9	117.72426432	-
ii	Skilled	0.18	5.433427584	-

4	Concrete (AR0307) : 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 specifaion and direction of Engineer-in charge.	-	0.592104288	Cum
i	Un-Skilled	4.6	2.7236797248	-
ii	Skilled	0.68	0.40263091584	-
5	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	-	91.416552	Sqm
i	Semi-Skilled	0.05	4.5708276	-
ii	Skilled	0.05	4.5708276	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	128.295067344	452	57989.370439488
2	Skilled	10.40688609984	552	5744.6011271117
3	Semi-Skilled	4.5708276	502	2294.5554552
Total: 66028.5270218				

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	-	14.51236	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.	-	2.902472	Cum
i)	BRM029 : Sand for filling and road blinding	1	2.902472	1 Cum
3	Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	30.1857088	Cum

i)	BRM340 : Cement	2.29	69.125273152	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	14.489140224	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	28.978280448	1 Cum.
4	Concrete (AR0307) :.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 specifaicaon and direction of Engineer-in charge.	-	0.592104288	Cum
i)	BRM340 : Cement	3.23	1.91249685024	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.2664469296	1 Cum
iii)	BRM056 : 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	0.5328938592	1 Cum.
5	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	-	91.416552	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.24408219384	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	11.518485552	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	2.902472	1 Cum	541.31	1571.13711832
2	BRM340	71.03777000224	1 Qntl.	617.012	43831.156544622
3	BRM028	14.7555871536	1 Cum	808.59	11931.220216529
4	BRM045	28.978280448	1 Cum.	1258.67	36474.092251484
5	BRM056	0.5328938592	1 Cum.	2902.53	1546.7404131438
6	BRM104	0.24408219384	1Cum.	58715.766	14331.472978276
7	BRM092	11.518485552	1Mtr.	371.786	4282.4116694359
Total:					113968.23119181

ROYALTY 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	-	14.51236	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.	-	2.902472	Cum
i)	BRM029 : Sand for filling and road blinding	1	2.902472	1 Cum
3	Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	30.1857088	Cum
i)	BRM340 : Cement	2.29	69.125273152	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	14.489140224	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	28.978280448	1 Cum.
4	Concrete (AR0307) :.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.	-	0.592104288	Cum
i)	BRM340 : Cement	3.23	1.91249685024	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.2664469296	1 Cum
iii)	BRM056 : 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	0.5328938592	1 Cum.
5	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	-	91.416552	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.24408219384	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.056129762928	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	2.902472	1 Cum	70.25	203.898658
2	BRM028	14.7555871536	1 Cum	70.25	1036.5799975404
3	BRM045	28.978280448	1 Cum.	149.5	4332.252926976
4	BRM056	0.5328938592	1 Cum.	149.5	79.6676319504
Total: 5652.3992144668					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
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1	Display Citizen Board @ Rs. 2500	Rs. 2500
2	Contingency @ Rs. 2641	Rs. 2641
		Total Addition Component Amount (in Rs.): 5141

DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Contingency @ Rs. 2641	Rs. 2641
2	Royalty @ Rs. 4454.484730312	Rs. 4454.484730312
3	Additional Royalty @ Rs. 529.741774608	Rs. 529.741774608
4	EMF @ Rs. 222.7242365156	Rs. 222.7242365156
5	DMF @ Rs. 445.4484730312	Rs. 445.4484730312
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.945) @ 564.135	Rs. 564.135
7	Any Other Lumpsum Bill @ Rs. 5847	Rs. 5847
		Total Deduction Component Amount (in Rs.): 14704.534214467

Total Net Amount (in Rs.): 185294.97594119