

BILLING DPR							
State	Odisha	District	Balangir	Block	Belpara	Gram Panchayat	Parlimal
<b>Work Code</b>	OD/345/3287/115838/420929/00063517 (CONSTRUCTION OF CEMENT CONCRETE ROAD AT MUNNAPALI UPPERPADA)						
<b>Project Category</b>	Road						
<b>Financial Year</b>	2023-24		<b>Execution Level</b>		PS		
<b>Executing Agency</b>	Panchayat Samiti, Belpara		<b>Bill Status</b>		Final Bill		
<b>Proposal Date</b>	01-07-2023		<b>Date of Commencement</b>		04-11-2025		
<b>Date of Completion</b>	12-11-2025		<b>Scheme Name</b>		5th SFC Grant in Aid		
<b>Scheme Component Name</b>	Maintenance and improvement of Road infrastructure		<b>Project Sub-Category</b>		CC Road		
<b>Project Type</b>	New Work		<b>Name of Executant</b>				

### Administrative Approval Details

<b>Approval No.</b>	OD/345/3287/115838/420929/00063517/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/345/3287/115838/420929/00063517/TS
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	300000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<b>Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift</b> - Earth work in ordinary soil 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 direction of the Engineer-in-charge.	Cum	9.255384	149.3184	14582.48565465
2	<b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b> - 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	30.316194	5287.45121715	14582.48565465

3	<b>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b> - 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.	Cum	16.00884	6784.86799585	14582.48565465
4	<b>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b> - 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	48.9888	216.38948682983	14582.48565465
5	<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b> - 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	24.07887	605.613372	14582.48565465
<b>Total Amount (in Rs.): 295478.40910866</b>					

## LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift</b> - Earth work in ordinary soil 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 direction of the Engineer-in-charge.	-	9.255384	Cum
i	Un-Skilled	0.32	2.96172288	-
2	<b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b> - 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.	-	30.316194	Cum
i	Skilled	0.18	5.45691492	-
ii	Un-Skilled	3.9	118.2331566	-
3	<b>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b> - 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.	-	16.00884	Cum
i	Un-Skilled	4.6	73.640664	-
ii	Skilled	0.68	10.8860112	-

4	<b>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b> - 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	-	48.9888	Sqm
i	Semi-Skilled	0.05	2.44944	-
ii	Skilled	0.05	2.44944	-
5	<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b> - 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.	-	24.07887	Cum
i	Un-Skilled	0.1236	2.976148332	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	197.811691812	462	91389.001617144
2	Skilled	18.79236612	562	10561.30975944
3	Semi-Skilled	2.44944	512	1254.11328
				<b>Total: 103204.42465658</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0101a) :.Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift</b> - Earth work in ordinary soil 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 direction of the Engineer-in-charge.	-	9.255384	Cum
2	<b>Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b> - 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.	-	30.316194	Cum
i)	<b>BRM340</b> : Cement	2.29	69.42408426	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	14.55177312	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	29.10354624	1 Cum.

3	<b>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> 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 specification and direction of Engineer-in charge.	-	<b>16.00884</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	51.7085532	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	7.203978	1 Cum
iii)	<b>BRM056</b> : 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	14.407956	1 Cum.
4	<b>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b> 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	-	<b>48.9888</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.130800096	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	6.1725888	1Mtr.
5	<b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed -</b> 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.	-	<b>24.07887</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	24.07887	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	121.13263746	1 Qntl.	572.0931	69299.146075668
2	<b>BRM028</b>	21.75575112	1 Cum	492.204	10708.267724268
3	<b>BRM044</b>	29.10354624	1 Cum.	1410.574	41052.705633942
4	<b>BRM056</b>	14.407956	1 Cum.	1811.944	26106.409426464
5	<b>BRM104</b>	0.130800096	1Cum.	58619.6948	7667.4617073307
6	<b>BRM092</b>	6.1725888	1Mtr.	275.7148	1701.8740864742
7	<b>BRM029</b>	24.07887	1 Cum	487.264	11732.76651168
<b>Total:</b>					<b>168268.63116583</b>

## ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Measurement Qty)	Unit
1	<b>Earth Work (AR0101a) :.Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift -</b> Earth work in ordinary soil 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 direction of the Engineer-in-charge.	-	<b>9.255384</b>	Cum

2	<b>Concrete (AR0303) :Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b> - 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.	-	<b>30.316194</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	69.42408426	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	14.55177312	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	29.10354624	1 Cum.
3	<b>Concrete (AR0307) :Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b> - 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.	-	<b>16.00884</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	51.7085532	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	7.203978	1 Cum
iii)	<b>BRM056</b> : 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	14.407956	1 Cum.
4	<b>R.C.C. Work (AR0410c) :R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b> - 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	-	<b>48.9888</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.130800096	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.0300791232	1Mtr.
5	<b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed</b> - 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.	-	<b>24.07887</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	24.07887	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	21.75575112	1 Cum	55.25	1202.00524938
2	<b>BRM044</b>	29.10354624	1 Cum.	189.5	5515.12201248
3	<b>BRM056</b>	14.407956	1 Cum.	189.5	2730.307662
4	<b>BRM029</b>	24.07887	1 Cum	55.25	1330.3575675
<b>Total: 10777.79249136</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
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1	Display Citizen Board @ Rs. 1400	Rs. 1400
2	Any Other Lumpsum @ Rs. 100	Rs. 100
3	Contingency @ 1%	Rs. 2954.7840910866
<b>Total Addition Component Amount (in Rs.): 4454.7840910866</b>		

#### DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Contingency @ 1%	Rs. 2999.3319319975
2	Royalty @ Rs. 7260.7070304	Rs. 7260.7070304
3	Additional Royalty @ Rs. 2427.9794064	Rs. 2427.9794064
4	EMF @ Rs. 363.03535152	Rs. 363.03535152
5	DMF @ Rs. 726.07070304	Rs. 726.07070304
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.945) @ 958.635	Rs. 958.635
7	Labour Cess @ 1%	Rs. 2999.3319319975
8	Any Other Lumpsum Bill @ Rs. 100	Rs. 100
<b>Total Deduction Component Amount (in Rs.): 17835.091355355</b>		

**Total Net Amount (in Rs.): 282098.10184439**