

BILLING DPR							
State	Odisha	District	Mayurbhanj	Block	Joshiipur	Gram Panchayat	Matiagarh
<b>Work Code</b>	OD/365/3496/120185/388559/00025400 (Imp. of Road with CC/ Gr-II Metalling at Singarpur)						
<b>Project Category</b>	Road						
<b>Financial Year</b>	2024-25		<b>Execution Level</b>		PS		
<b>Executing Agency</b>	Panchayat Samiti, Joshipur		<b>Bill Status</b>		Final Bill		
<b>Proposal Date</b>	-		<b>Date of Commencement</b>		27-10-2025		
<b>Date of Completion</b>	20-11-2025		<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>	Upgradation or Improvement		<b>Name of Executant</b>				

### Administrative Approval Details

<b>Approval No.</b>	OD/365/3496/120185/388559/00025400/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/365/3496/120185/388559/00025400/TS
<b>Fund Sanction No.</b>	1130
<b>Fund Sanction Amount (in Rs.)</b>	600000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b> - 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	7.4543976	240.77592	5961.7613548669
2	<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	36.079284384	800.721132	5961.7613548669

3	<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	43.533681984	6464.2349563	5961.7613548669
4	<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	31.706037792	8050.9135251	5961.7613548669
5	<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	81.5223825	216.23489289764	5961.7613548669
6	<b>Earth Work (AR0122Bii) : Earthwork in hard soil or gravelly soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift</b> - Earthwork in hard soil or gravelly soil within 5 Km.mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.	Cum	16.499066688	361.33930892	5961.7613548669
<b>Total Amount (in Rs.): 590948.54722177</b>					

## LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b> - 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	-	7.4543976	Cum
i	Un-Skilled	0.516	3.8464691616	-
2	<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.	-	36.079284384	Cum
i	Un-Skilled	0.1236	4.4593995498624	-

3	<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.	-	43.533681984	Cum
i	Skilled	0.18	7.83606275712	-
ii	Un-Skilled	3.9	169.7813597376	-
4	<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.	-	31.706037792	Cum
i	Un-Skilled	4.6	145.8477738432	-
ii	Skilled	0.68	21.56010569856	-
5	<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	-	81.5223825	Sqm
i	Semi-Skilled	0.05	4.076119125	-
ii	Skilled	0.05	4.076119125	-
6	<b>Earth Work (AR0122Bii) : Earthwork in hard soil or gravelly soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift</b> - Earthwork in hard soil or gravelly soil within 5 Km.mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.	-	16.499066688	Cum
i	Un-Skilled	0.43	7.09459867584	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	331.0296009681	462	152935.67564726
2	Skilled	33.47228758068	562	18811.425620342
3	Semi-Skilled	4.076119125	512	2086.972992
<b>Total:</b>				<b>173834.07425961</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	<b>7.4543976</b>	Cum
2	<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>36.079284384</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	36.079284384	1 Cum
3	<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>43.533681984</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	99.69213174336	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	20.89616735232	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	41.79233470464	1 Cum.
4	<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>31.706037792</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	102.41050206816	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	14.2677170064	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	28.5354340128	1 Cum.
5	<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>81.5223825</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.217664761275	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	10.271820195	1Mtr.
6	<b>Earth Work (AR0122Bii) :.Earthwork in hard soil or gravelly soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift -</b> Earthwork in hard soil or gravelly soil within 5 Km.mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.	-	<b>16.499066688</b>	Cum
i)	<b>BRMM402</b> : Loading into trucks and unloading from trucks within 50 Meter lead (2/3 of rate is consider for loading).	-0.6666	-10.998277854221	1 Cum

ii)	<b>BRMM401</b> : Conveyance of material by 10 ton trucks within 5 KM including loading and unloading	1	16.499066688	1 Cum
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SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	36.079284384	1 Cum	336.44	12138.514438153
2	<b>BRM340</b>	202.10263381152	1 Qntl.	644.787	130313.15094743
3	<b>BRM028</b>	35.16388435872	1 Cum	928.76	32658.809237005
4	<b>BRM044</b>	41.79233470464	1 Cum.	1726.96	72173.690341525
5	<b>BRM056</b>	28.5354340128	1 Cum.	2128.33	60732.820272463
6	<b>BRM104</b>	0.217664761275	1Cum.	58573.086	12749.29678133
7	<b>BRM092</b>	10.271820195	1Mtr.	229.106	2353.3356375957
8	<b>BRMM402</b>	-10.998277854221	1 Cum	175.38	-1928.8779700732
9	<b>BRMM401</b>	16.499066688	1 Cum	276.01	4553.9073965549
<b>Total: 325744.64708198</b>					

## ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation &amp; 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</b>	-	<b>7.4543976</b>	Cum
2	<b>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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</b>	-	<b>36.079284384</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	36.079284384	1 Cum
3	<b>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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</b>	-	<b>43.533681984</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	99.69213174336	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	20.89616735232	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	41.79233470464	1 Cum.

4	<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 specificaion and direction of Engineer-in charge.	-	<b>31.706037792</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	102.41050206816	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	14.2677170064	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	28.5354340128	1 Cum.
5	<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>81.5223825</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.217664761275	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.050054742855	1Mtr.
6	<b>Earth Work (AR0122Bii) :.Earthwork in hard soil or gravelly soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift -</b> Earthwork in hard soil or gravelly soil within 5 Km.mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.	-	<b>16.499066688</b>	Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	36.079284384	1 Cum	399.25	14404.654290312
2	<b>BRM028</b>	35.16388435872	1 Cum	399.25	14039.180830219
3	<b>BRM044</b>	41.79233470464	1 Cum.	341.5	14272.082301635
4	<b>BRM056</b>	28.5354340128	1 Cum.	341.5	9744.8507153712
<b>Total: 52460.768137537</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 3000	Rs. 3000
2	Contingency @ Rs. 6000	Rs. 6000
<b>Total Addition Component Amount (in Rs.): 9000</b>		

#### DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Contingency @ Rs. 6000	Rs. 6000
2	Royalty @ Rs. 11636.120839262	Rs. 11636.120839262
3	Additional Royalty @ Rs. 39079.229172385	Rs. 39079.229172385

4	EMF @ Rs. 581.80604196312	Rs. 581.80604196312
5	DMF @ Rs. 1163.6120839262	Rs. 1163.6120839262
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.945) @ 1597.725	Rs. 1597.725
7	Labour Cess @ Rs. 6000	Rs. 6000
<b>Total Deduction Component Amount (in Rs.): 66058.493137536</b>		

**Total Net Amount (in Rs.): 533890.05408424**