

BILLING DPR							
State	Odisha	District	Kendujhar	Block	Patana	Gram Panchayat	Chinamaliposi
Work Code	OD/361/3453/119478/386618/00066182 (Improvement of Road from Mahima Matha to Chaitanya Giri House at Ketang)						
Project Category	Road						
Financial Year	2023-24		Execution Level		PS		
Executing Agency	Panchayat Samiti, Patana		Bill Status		Final Bill		
Proposal Date	-		Date of Commencement		02-12-2025		
Date of Completion	10-12-2025		Scheme Name		5th SFC Grant in Aid		
Scheme Component Name	MAINTENANCE OF ROADS AND BRIDGES		Project Sub-Category		CC Road		
Project Type	New Work		Name of Executant				

Administrative Approval Details

Approval No.	OD/361/3453/119478/386618/00066182/AS
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Technical Sanction Details

Technical Sanction No.	OD/361/3453/119478/386618/00066182/TS
Fund Sanction No.	31391
Fund Sanction Amount (in Rs.)	400000

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	5.56095	240.77592	2631.557023075
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	27.471093	705.750832	2631.557023075
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	36.70227	5465.91938774	2631.557023075

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.	Cum	22.2438	7468.05426938	2631.557023075
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	12.1699	216.23489289764	2631.557023075
Total Amount (in Rs.): 390087.8013404					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	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	-	5.56095	Cum
i	Un-Skilled	0.516	2.8694502	-
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.	-	27.471093	Cum
i	Un-Skilled	0.1236	3.3954270948	-
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.	-	36.70227	Cum
i	Un-Skilled	3.9	143.138853	-
ii	Skilled	0.18	6.6064086	-
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.	-	22.2438	Cum

i	Un-Skilled	4.6	102.32148	-
ii	Skilled	0.68	15.125784	-
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	-	12.1699	Sqm
i	Semi-Skilled	0.05	0.608495	-
ii	Skilled	0.05	0.608495	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	251.7252102948	462	116297.0471562
2	Skilled	22.3406876	562	12555.4664312
3	Semi-Skilled	0.608495	512	311.54944
Total:				129164.0630274

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	-	5.56095	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.	-	27.471093	Cum
i)	BRM029 : Sand for filling and road blinding	1	27.471093	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.	-	36.70227	Cum
i)	BRM340 : Cement	2.29	84.0481983	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	17.6170896	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	35.2341792	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 specification and direction of Engineer-in charge.	-	22.2438	Cum
i)	BRM340 : Cement	3.23	71.847474	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	10.00971	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	20.01942	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	-	12.1699	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.032493633	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.5334074	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	27.471093	1 Cum	591.41	16246.67911113
2	BRM340	155.8956723	1 Qntl.	616.087	96045.29706029
3	BRM028	27.6267996	1 Cum	601.41	16615.033547436
4	BRM045	35.2341792	1 Cum.	1286.41	45325.600464672
5	BRM056	20.01942	1 Cum.	2101.71	42075.0152082
6	BRM104	0.032493633	1Cum.	58573.086	1903.2523601614
7	BRM092	1.5334074	1Mtr.	229.106	351.3128357844
Total: 218562.19058767					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	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	-	5.56095	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.	-	27.471093	Cum

i)	BRM029 : Sand for filling and road blinding	1	27.471093	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.	-	36.70227	Cum
i)	BRM340 : Cement	2.29	84.0481983	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	17.6170896	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	35.2341792	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 specifaicon and direction of Engineer-in charge.	-	22.2438	Cum
i)	BRM340 : Cement	3.23	71.847474	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	10.00971	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	20.01942	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	-	12.1699	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.032493633	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.0074723186	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	27.471093	1 Cum	50.25	1380.42242325
2	BRM028	27.6267996	1 Cum	50.25	1388.2466799
3	BRM045	35.2341792	1 Cum.	329.5	11609.6620464
4	BRM056	20.01942	1 Cum.	424.5	8498.24379
Total:					22876.57493955

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 2500	Rs. 2500
2	Any Other Lumpsum @ Rs. 1363	Rs. 1363
3	Contingency @ Rs. 4000	Rs. 4000

Total Addition Component Amount (in Rs.): 7863

DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Contingency @ Rs. 4000	Rs. 4000
2	Royalty @ Rs. 9111.394137	Rs. 9111.394137
3	Additional Royalty @ Rs. 12398.471682	Rs. 12398.471682
4	EMF @ Rs. 455.56970685	Rs. 455.56970685
5	DMF @ Rs. 911.1394137	Rs. 911.1394137
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.945) @ 1234.785	Rs. 1234.785
7	Labour Cess @ Rs. 4000	Rs. 4000
8	Any Other Lumpsum Bill @ Rs. 8000	Rs. 8000
		Total Deduction Component Amount (in Rs.): 40111.35993955

Total Net Amount (in Rs.): 357839.44140085