

BILLING DPR							
State	Odisha	District	Cuttack	Block	Baranga	Gram Panchayat	Usuma
Work Code	OD/350/3336/116950/400097/00013257 (Improvement of road from Rice Mill to canal bandh,South Usuma)						
Project Category	Road						
Financial Year	2023-24		Execution Level		PS		
Executing Agency	Panchayat Samiti, Baranga		Bill Status		Final Bill		
Proposal Date	-		Date of Commencement		27-11-2025		
Date of Completion	19-12-2025		Scheme Name		5th SFC Grant in Aid		
Scheme Component Name	All Weather Connectivity		Project Sub-Category		CC Road		
Project Type	Upgradation or Improvement		Name of Executant				

Administrative Approval Details

Approval No.	OD/350/3336/116950/400097/00013257/AS
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Technical Sanction Details

Technical Sanction No.	OD/350/3336/116950/400097/00013257/TS
Fund Sanction No.	12804
Fund Sanction Amount (in Rs.)	350000

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	4.196974512	240.77592	1253.6935061112
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	13.921671552	900.064732	1253.6935061112

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	31.22139576	6085.01445386	1253.6935061112
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	44.779246	216.23489289764	1253.6935061112
5	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	17.0272599584	7547.73493082	1253.6935061112
6	Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.	Sqm	268.675476	4.6662	1253.6935061112
Total Amount (in Rs.): 342977.3541762					

LABOUR STATEMENT

Sl.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	-	4.196974512	Cum
i	Un-Skilled	0.516	2.165638848192	-
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.	-	13.921671552	Cum
i	Un-Skilled	0.1236	1.7207186038272	-

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.	-	31.22139576	Cum
i	Skilled	0.18	5.6198512368	-
ii	Un-Skilled	3.9	121.763443464	-
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	-	44.779246	Sqm
i	Semi-Skilled	0.05	2.2389623	-
ii	Skilled	0.05	2.2389623	-
5	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.	-	17.0272599584	Cum
i	Un-Skilled	4.6	78.32539580864	-
ii	Skilled	0.68	11.578536771712	-
6	Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formaton - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.	-	268.675476	Sqm
i	Un-Skilled	0.01	2.68675476	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	206.66195148466	462	95477.821585913
2	Skilled	19.437350308512	562	10923.790873384
3	Semi-Skilled	2.2389623	512	1146.3486976
				Total: 107547.9611569

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	-	4.196974512	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.	-	13.921671552	Cum
i)	BRM029 : Sand for filling and road blinding	1	13.921671552	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.	-	31.22139576	Cum
i)	BRM340 : Cement	2.29	71.4969962904	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	14.9862699648	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	29.9725399296	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	-	44.779246	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.11956058682	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	5.642184996	1Mtr.
5	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.	-	17.0272599584	Cum
i)	BRM340 : Cement	3.23	54.998049665632	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.66226698128	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	15.32453396256	1 Cum.
6	Earth Work (AR0110) :.Fine dressing of earth work in ordinary or hard soil in road formaton - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.	-	268.675476	Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	13.921671552	1 Cum	413.05	5750.3464345536

2	BRM340	126.49504595603	1 Qntl.	563.767	71313.732573494
3	BRM028	22.64853694608	1 Cum	417.99	9466.861958092
4	BRM044	29.9725399296	1 Cum.	2038.31	61093.327863903
5	BRM104	0.11956058682	1Cum.	58573.086	7003.0325340183
6	BRM092	5.642184996	1Mtr.	229.106	1292.6584356936
7	BRM056	15.32453396256	1 Cum.	2466.91	37804.246077579
Total: 193724.20587733					

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	-	4.196974512	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.	-	13.921671552	Cum
i)	BRM029 : Sand for filling and road blinding	1	13.921671552	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.	-	31.22139576	Cum
i)	BRM340 : Cement	2.29	71.4969962904	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	14.9862699648	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	29.9725399296	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	-	44.779246	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.11956058682	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.027494457044	1Mtr.

5	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.	-	17.0272599584	Cum
i)	BRM340 : Cement	3.23	54.998049665632	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.66226698128	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	15.32453396256	1 Cum.
6	Earth Work (AR0110) :.Fine dressing of earth work in ordinary or hard soil in road formation - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.	-	268.675476	Sqm

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	13.921671552	1 Cum	421	5861.023723392
2	BRM028	22.64853694608	1 Cum	421	9535.0340542997
3	BRM044	29.9725399296	1 Cum.	259.5	7777.8741117312
4	BRM056	15.32453396256	1 Cum.	259.5	3976.7165632843
Total:					27150.648452707

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 1500	Rs. 1500
2	Any Other Lumpsum @ Rs. 2022	Rs. 2022
3	Contingency @ Rs. 3500	Rs. 3500
Total Addition Component Amount (in Rs.):		7022

DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Contingency @ Rs. 3500	Rs. 3500
2	Royalty @ Rs. 7168.5769034136	Rs. 7169
3	Additional Royalty @ Rs. 18906.785013782	Rs. 18907
4	EMF @ Rs. 358.42884517068	Rs. 358
5	DMF @ Rs. 716.85769034136	Rs. 717
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.945) @ 998.085	Rs. 998.085
7	Labour Cess @ Rs. 3500	Rs. 3500
8	Any Other Lumpsum Bill @ Rs. 7000	Rs. 7000

Total Deduction Component Amount (in Rs.): 42149.085

Total Net Amount (in Rs.): 307850.2691762