

BILLING DPR							
State	Odisha	District	Cuttack	Block	Niali	Gram Panchayat	Baharana
Work Code	OD/350/3341/117055/400341/00017368 (Imp of Road with CC Gr-II Metaling from Athantara Tareni Temple to Bandhu Biswal House Athantara)						
Project Category	Road						
Financial Year	2024-25		Execution Level		PS		
Executing Agency	Panchayat Samiti, Niali		Bill Status		Final Bill		
Proposal Date	10-10-2024		Date of Commencement		28-05-2025		
Date of Completion	25-06-2025		Scheme Name		5th SFC Grant in Aid		
Scheme Component Name	Maintenance and improvement of Road infrastructure		Project Sub-Category		CC Road		
Project Type	New Work		Name of Executant				

Administrative Approval Details

Approval No.	OD/350/3341/117055/400341/00017368/AS
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Technical Sanction Details

Technical Sanction No.	OD/350/3341/117055/400341/00017368/TS
Fund Sanction No.	31142
Fund Sanction Amount (in Rs.)	590000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge	Cum	104.7375	200.6466	137255.29449786
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	18.525	702.559232	137255.29449786

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	16.31625	6164.49788856	137255.29449786
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	3.49125	7687.71627472	137255.29449786
5	R.C.C. Work (AR0405Ab) : Reinforced cement concrete work of M-25 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-25 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Plinth band)	Cum	35.8974	7883.0863397313	137255.29449786
6	R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	Qntl	15.645	8773.109268	137255.29449786
Total Amount (in Rs.): 581688.95922836					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge	-	104.7375	Cum
i	Un-Skilled	0.43	45.037125	-
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.	-	18.525	Cum
i	Un-Skilled	0.1236	2.28969	-

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.	-	16.31625	Cum
i	Skilled	0.18	2.936925	-
ii	Un-Skilled	3.9	63.633375	-
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.	-	3.49125	Cum
i	Un-Skilled	4.6	16.05975	-
ii	Skilled	0.68	2.37405	-
5	R.C.C. Work (AR0405Ab) : Reinforced cement concrete work of M-25 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-25 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Plinth band)	-	35.8974	Cum
i	Un-Skilled	1.3333	47.86200342	-
ii	Skilled	0.35	12.56409	-
iii	Semi-Skilled	0.3073	11.03127102	-
6	R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	15.645	Qntl
i	Un-Skilled	0.8	12.516	-
ii	Highly-Skilled	0.3	4.6935	-
iii	Semi-Skilled	0.044	0.68838	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	187.39794342	462	86577.84986004
2	Skilled	17.875065	562	10045.78653
3	Semi-Skilled	11.71965102	512	6000.46132224
4	Highly-Skilled	4.6935	612	2872.422

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102a) :.Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge	-	104.7375	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.	-	18.525	Cum
i)	BRM029 : Sand for filling and road blinding	1	18.525	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.	-	16.31625	Cum
i)	BRM340 : Cement	2.29	37.3642125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.8318	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	15.6636	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.	-	3.49125	Cum
i)	BRM340 : Cement	3.23	11.2767375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.5710625	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	3.142125	1 Cum.
5	R.C.C. Work (AR0405Ab) :.Reinforced cement concrete work of M-25 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-25 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Plinth band)	-	35.8974	Cum
i)	BRM340 : Cement	4.03333	144.786060342	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	16.15383	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	12.923064	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	19.384596	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.47923029	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	22.615362	1Mtr.
6	R.C.C. Work (AR0409) :Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	15.645	Qntl
i)	BRM162 : Binding Wire.	0.8	12.516	1 Kg.
ii)	BRM341 : Steel	1.05	16.42725	1 Qntl.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	18.525	1 Cum	543.25	10063.70625
2	BRM340	193.427010342	1 Qntl.	569.712	110197.68891596
3	BRM028	25.5566925	1 Cum	548.19	14009.923261575
4	BRM044	15.6636	1 Cum.	2176.31	34088.849316
5	BRM056	3.142125	1 Cum.	2604.91	8184.95283375
6	BRM060	12.923064	1 Cum.	2614.91	33792.64928424
7	BRM052	19.384596	1 Cum.	2556.21	49551.09814116
8	BRM104	0.47923029	1Cum.	58620.646	28092.789182567
9	BRM092	22.615362	1Mtr.	276.666	6256.901743092
10	BRM162	12.516	1 Kg.	90.1	1127.6916
11	BRM341	16.42725	1 Qntl.	6492.532	106654.446297
Total:					402020.69682535

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	Earth Work (AR0102a) :.Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge	-	104.7375	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.	-	18.525	Cum
i)	BRM029 : Sand for filling and road blinding	1	18.525	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.	-	16.31625	Cum
i)	BRM340 : Cement	2.29	37.3642125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.8318	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	15.6636	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.	-	3.49125	Cum
i)	BRM340 : Cement	3.23	11.2767375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.5710625	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	3.142125	1 Cum.
5	R.C.C. Work (AR0405Ab) :.Reinforced cement concrete work of M-25 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-25 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Plinth band)	-	35.8974	Cum
i)	BRM340 : Cement	4.03333	144.786060342	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	16.15383	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	12.923064	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	19.384596	1 Cum.

v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.47923029	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00307	0.110205018	1Mtr.
6	R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	15.645	Qntl
i)	BRM341 : Steel	1.05	16.42725	1 Qntl.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	18.525	1 Cum	95.25	1764.50625
2	BRM028	25.5566925	1 Cum	95.25	2434.274960625
3	BRM044	15.6636	1 Cum.	158.5	2482.6806
4	BRM056	3.142125	1 Cum.	158.5	498.0268125
5	BRM060	12.923064	1 Cum.	158.5	2048.305644
6	BRM052	19.384596	1 Cum.	158.5	3072.458466
Total: 12300.252733125					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 2350	Rs. 2350
2	Contingency @ Rs. 5900	Rs. 5900
Total Addition Component Amount (in Rs.): 8250		

DEDUCTION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Contingency @ Rs. 5900	Rs. 5900
2	Royalty @ Rs. 8187.5992875	Rs. 8187.5992875
3	Additional Royalty @ Rs. 2884.5135525	Rs. 2884.5135525
4	EMF @ Rs. 409.379964375	Rs. 409.379964375
5	DMF @ Rs. 818.75992875	Rs. 818.75992875
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.945) @ 1530.66	Rs. 1530.66
7	Labour Cess @ Rs. 5900	Rs. 5900
8	Any Other Lumpsum Bill @ Rs. 11800	Rs. 11800
Total Deduction Component Amount (in Rs.): 37430.912733125		

Total Net Amount (in Rs.): 552508.04649524