

BILLING DPR

State	Odisha	District	Balasore	Block	Basta	Gram Panchayat	Natakata
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Work Code	OD/346/3301/116130/392386/00065285 (CONSTRUCTION OF CC ROAD FROM MAHALSAHI TO BENUDHAR BHADRA HOUSE)
Project Category	Road

Financial Year	2021-22	Execution Level	PS
Executing Agency	Panchayat Samiti, Basta	Bill Status	Final Bill
Proposal Date	08-06-2021	Date of Commencement	25-11-2025
Date of Completion	15-12-2025	Scheme Name	5th SFC Grant in Aid
Scheme Component Name	Maintenance and improvement of Road infrastructure	Project Sub-Category	CC Road
Project Type	Upgradation or Improvement	Name of Executant	

Administrative Approval Details

Approval No.	OD/346/3301/116130/392386/00065285/AS
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Technical Sanction Details

Technical Sanction No.	OD/346/3301/116130/392386/00065285/TS
Fund Sanction No.	9114
Fund Sanction Amount (in Rs.)	300000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Earth Work (AR0101a1) : Earthwork in ordinary soil within 50m to 75m lead and 1.5m, initial lift - Earthwork in ordinary soil within 50m to 75m 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	4.793751072	163.317	6801.6896908937
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	14.607362863745	1151.302232	6801.6896908937

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	21.870622063745	6455.00289374	6801.6896908937
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.	Cum	15.842116927745	8036.28047138	6801.6896908937
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	31.45509774	216.23489289764	6801.6896908937
Total Amount (in Rs.): 292888.70380451					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0101a1) : Earthwork in ordinary soil within 50m to 75m lead and 1.5m, initial lift - Earthwork in ordinary soil within 50m to 75m 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.	-	4.793751072	Cum
i	Un-Skilled	0.35	1.6778128752	-
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.	-	14.607362863745	Cum
i	Un-Skilled	0.1236	1.8054700499589	-
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.	-	21.870622063745	Cum
i	Un-Skilled	3.9	85.295426048605	-
ii	Skilled	0.18	3.9367119714741	-

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.	-	15.842116927745	Cum
i	Un-Skilled	4.6	72.873737867627	-
ii	Skilled	0.68	10.772639510867	-
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	-	31.45509774	Sqm
i	Semi-Skilled	0.05	1.572754887	-
ii	Skilled	0.05	1.572754887	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	161.65244684139	462	74683.430440723
2	Skilled	16.282106369341	562	9150.5437795695
3	Semi-Skilled	1.572754887	512	805.250502144
Total:				84639.224722436

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0101a1) :.Earthwork in ordinary soil within 50m to 75m lead and 1.5m, initial lift - Earthwork in ordinary soil within 50m to 75m 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.	-	4.793751072	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.	-	14.607362863745	Cum
i)	BRM029 : Sand for filling and road blinding	1	14.607362863745	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.	-	21.870622063745	Cum

i)	BRM340 : Cement	2.29	50.083724525976	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.497898590598	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	20.995797181195	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 specifaion and direction of Engineer-in charge.	-	15.842116927745	Cum
i)	BRM340 : Cement	3.23	51.170037676616	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.1289526174853	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	14.257905234971	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	-	31.45509774	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0839851109658	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	3.96334231524	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	14.607362863745	1 Cum	738.55	10788.267843019
2	BRM340	101.25376220259	1 Qntl.	546.307	55315.639067612
3	BRM028	17.626851208083	1 Cum	743.49	13105.387604698
4	BRM045	20.995797181195	1 Cum.	2081.67	43706.321118179
5	BRM056	14.257905234971	1 Cum.	2690.93	38367.024933939
6	BRM104	0.0839851109658	1Cum.	58573.086	4919.2671273193
7	BRM092	3.96334231524	1Mtr.	229.106	908.02550447538
Total:					167109.93319924

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0101a1) :.Earthwork in ordinary soil within 50m to 75m lead and 1.5m, initial lift - Earthwork in ordinary soil within 50m to 75m 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.	-	4.793751072	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.	-	14.607362863745	Cum
i)	BRM029 : Sand for filling and road blinding	1	14.607362863745	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.	-	21.870622063745	Cum
i)	BRM340 : Cement	2.29	50.083724525976	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.497898590598	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	20.995797181195	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 specifaion and direction of Engineer-in charge.	-	15.842116927745	Cum
i)	BRM340 : Cement	3.23	51.170037676616	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.1289526174853	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	14.257905234971	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	-	31.45509774	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0839851109658	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.01931343001236	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	14.607362863745	1 Cum	344.25	5028.5846658442
2	BRM028	17.626851208083	1 Cum	344.25	6068.0435283825
3	BRM045	20.995797181195	1 Cum.	522.5	10970.304027174
4	BRM056	14.257905234971	1 Cum.	522.5	7449.7554852721
Total:					29516.687706673

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
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1	Display Citizen Board @ Rs. 1812	Rs. 1812
2	Any Other Lumpsum @ Rs. 2298	Rs. 2298
3	Contingency @ Rs. 3000	Rs. 3000
		Total Addition Component Amount (in Rs.): 7110

DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Contingency @ Rs. 3000	Rs. 3000
2	Royalty @ Rs. 5711.1788066155	Rs. 5711.1788066155
3	Additional Royalty @ Rs. 22948.832079065	Rs. 22948.832079065
4	EMF @ Rs. 285.55894033078	Rs. 285.55894033078
5	DMF @ Rs. 571.11788066155	Rs. 571.11788066155
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.945) @ 804.78	Rs. 804.78
7	Labour Cess @ Rs. 3000	Rs. 3000
		Total Deduction Component Amount (in Rs.): 36321.467706673

Total Net Amount (in Rs.): 263677.23609783