

BILLING DPR

State	Odisha	District	Jagatsinghpur	Block	Naugaon	Gram Panchayat	Rehia
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Work Code	OD/355/3391/118186/398146/00065266 (Improvement of road from Rabindra Das house to Bijaya Bihari Das house)
Project Category	Road

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Naugaon	Bill Status	Final Bill
Proposal Date	-	Date of Commencement	20-11-2025
Date of Completion	26-11-2025	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/355/3391/118186/398146/00065266/AS
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Technical Sanction Details

Technical Sanction No.	OD/355/3391/118186/398146/00065266/TS
Fund Sanction No.	422
Fund Sanction Amount (in Rs.)	137025

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum	Cum	1.416	179.18208	3202.2225289212
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	8.555	807.053832	3202.2225289212

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	9.8825	6823.35620018	3202.2225289212
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	6.844826	8279.15368466	3202.2225289212
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	14.809	216.23489289764	3202.2225289212
Total Amount (in Rs.): 134461.473934					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum	-	1.416	Cum
i	Un-Skilled	0.384	0.543744	-
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.	-	8.555	Cum
i	Un-Skilled	0.1236	1.057398	-
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.	-	9.8825	Cum
i	Skilled	0.18	1.77885	-
ii	Un-Skilled	3.9	38.54175	-

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.	-	6.844826	Cum
i	Un-Skilled	4.6	31.4861996	-
ii	Skilled	0.68	4.65448168	-
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	-	14.809	Sqm
i	Semi-Skilled	0.05	0.74045	-
ii	Skilled	0.05	0.74045	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	71.6290916	462	33092.6403192
2	Skilled	7.17378168	562	4031.66530416
3	Semi-Skilled	0.74045	512	379.1104
Total:				37503.41602336

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0101aa) :.Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum	-	1.416	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.	-	8.555	Cum
i)	BRM029 : Sand for filling and road blinding	1	8.555	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.	-	9.8825	Cum

i)	BRM340 : Cement	2.29	22.630925	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	4.7436	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	9.4872	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 specifaicaon and direction of Engineer-in charge.	-	6.844826	Cum
i)	BRM340 : Cement	3.23	22.10878798	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.0801717	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	6.1603434	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	-	14.809	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.03954003	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.865934	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	8.555	1 Cum	664.71	5686.59405
2	BRM340	44.73971298	1 Qntl.	613.327	27440.073942884
3	BRM028	7.8237717	1 Cum	673.22	5267.119583874
4	BRM044	9.4872	1 Cum.	2519.56	23903.569632
5	BRM056	6.1603434	1 Cum.	2920.93	17993.931847362
6	BRM104	0.03954003	1Cum.	58573.086	2315.9815776326
7	BRM092	1.865934	1Mtr.	229.106	427.496675004
Total: 83034.767308757					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0101aa) :.Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum	-	1.416	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.	-	8.555	Cum
i)	BRM029 : Sand for filling and road blinding	1	8.555	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.	-	9.8825	Cum
i)	BRM340 : Cement	2.29	22.630925	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	4.7436	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	9.4872	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 specifaicion and direction of Engineer-in charge.	-	6.844826	Cum
i)	BRM340 : Cement	3.23	22.10878798	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.0801717	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	6.1603434	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	-	14.809	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.03954003	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.009092726	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	8.555	1 Cum	77.25	660.87375
2	BRM028	7.8237717	1 Cum	77.25	604.386363825
3	BRM044	9.4872	1 Cum.	444.5	4217.0604
4	BRM056	6.1603434	1 Cum.	444.5	2738.2726413
Total: 8220.593155125					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
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1	Display Citizen Board @ Rs. 216	Rs. 216
2	Contingency @ 1%	Rs. 1344.61473934
Total Addition Component Amount (in Rs.): 1560.61473934		

DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Contingency @ 1%	Rs. 1360.2208867334
2	Royalty @ Rs. 2607.4376515	Rs. 2607.4376515
3	Additional Royalty @ Rs. 5222.0398559	Rs. 5222.0398559
4	EMF @ Rs. 130.371882575	Rs. 130.371882575
5	DMF @ Rs. 260.74376515	Rs. 260.74376515
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.945) @ 358.995	Rs. 358.995
7	Labour Cess @ 1%	Rs. 1360.2208867334
8	Any Other Lumpsum Bill @ 2%	Rs. 2720.4417734668
Total Deduction Component Amount (in Rs.): 14020.471702059		

Total Net Amount (in Rs.): 122001.61697128