

BILLING DPR

State	Odisha	District	Mayurbhanj	Block	Baripada	Gram Panchayat	Laxmiposi
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Work Code	OD/365/3490/120105/389222/00013466 (IMPROVEMENT OF ROAD FROM KHETRAPATNA CANAL TO MAJHIBABU HOUSE AT KHETRAPATNA)
Project Category	Road

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Baripada	Bill Status	1st Bill
Proposal Date	15-07-2021	Date of Commencement	04-01-2025
Date of Completion		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	SUCHISMITA BEHERA

Administrative Approval Details

Approval No.	OD/365/3490/120105/389222/00013466/AS
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Technical Sanction Details

Technical Sanction No.	OD/365/3490/120105/389222/00013466/TS
Fund Sanction No.	11088/PR&DW
Fund Sanction Amount (in Rs.)	137025

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	18.1125	196.3036	3555.548955

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	3.6225	1201.755772	4353.36028407
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	2.415	5857.47850872	14145.810598559
4	R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	Cum	9.936	6247.9017514265	62079.151802174
5	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	6.16	7903.0956114	48683.068966224
Total Amount (in Rs.): 132816.94060603					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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	-	18.1125	Cum
i	Un-Skilled	0.43	7.788375	-
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.	-	3.6225	Cum
i	Un-Skilled	0.1236	0.447741	-
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.	-	2.415	Cum
i	Skilled	0.18	0.4347	-
ii	Un-Skilled	3.9	9.4185	-
4	R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	9.936	Cum
i	Un-Skilled	1.3333	13.2476688	-
ii	Skilled	0.175	1.7388	-
iii	Semi-Skilled	0.1323	1.3145328	-

5	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.	-	6.16	Qntl
i	Un-Skilled	0.8	4.928	-
ii	Highly-Skilled	0.3	1.848	-
iii	Semi-Skilled	0.044	0.27104	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	35.8302848	452	16195.2887296
2	Skilled	2.1735	552	1199.772
3	Semi-Skilled	1.5855728	502	795.9575456
4	Highly-Skilled	1.848	602	1112.496
Total: 19303.5142752				

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	-	18.1125	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.	-	3.6225	Cum
i)	BRM029 : Sand for filling and road blinding	1	3.6225	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.	-	2.415	Cum

i)	BRM340 : Cement	2.29	5.53035	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.1592	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	2.3184	1 Cum.
4	R.C.C. Work (AR0404Aa) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	9.936	Cum
i)	BRM340 : Cement	3.4733	34.5107088	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.4712	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	3.57696	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	5.36544	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.03979368	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	1.877904	1Mtr.
5	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.	-	6.16	Qntl
i)	BRM162 : Binding Wire.	0.8	4.928	1 Kg.
ii)	BRM341 : Steel	1.05	6.468	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	3.6225	1 Cum	531.74	1926.22815
2	BRM340	40.0410588	1 Qntl.	459.642	18404.55234895
3	BRM028	5.6304	1 Cum	538.16	3030.056064
4	BRM044	2.3184	1 Cum.	1596.76	3701.928384
5	BRM060	3.57696	1 Cum.	1981.51	7087.7820096

6	BRM052	5.36544	1 Cum.	1983.8	10643.959872
7	BRM104	0.03979368	1Cum.	58620.646	2332.7312283173
8	BRM092	1.877904	1Mtr.	276.666	519.552188064
9	BRM162	4.928	1 Kg.	90	443.52
10	BRM341	6.468	1 Qntl.	5806.592	37557.037056
Total: 85647.347300931					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	3.6225	1 Cum	602.25	2181.650625
2	BRM028	5.6304	1 Cum	602.25	3390.9084
3	BRM044	2.3184	1 Cum.	551.5	1278.5976
4	BRM060	3.57696	1 Cum.	551.5	1972.69344
5	BRM052	5.36544	1 Cum.	551.5	2959.04016
Total: 11782.890225					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 2878.85	Rs. 2878.85
2	Contingency @ 1%	Rs. 1328.1694060603
Total Addition Component Amount (in Rs.): 4207.0194060603		

DEDUCTION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Contingency @ 1%	Rs. 1370.2396001209
2	Royalty @ Rs. 1787.7555	Rs. 1787.7555
3	Additional Royalty @ Rs. 9726.9714	Rs. 9726.9714
4	EMF @ Rs. 89.387775	Rs. 89.387775
5	DMF @ Rs. 178.77555	Rs. 178.77555
6	Empty Gunny Bag @ Rs. 323.49	Rs. 323.49
7	Labour Cess @ 1%	Rs. 1370.2396001209
Total Deduction Component Amount (in Rs.): 14846.859425242		

Total Net Amount (in Rs.): 122177.10058685