

BILLING DPR

State	Odisha	District	Puri	Block	Gop	Gram Panchayat	Nuakholamara
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Work Code	OD/369/3539/120948/409361/00054065 (Improvement of CC road from Taleswari Thakurani to Deuli Sahi Village road, Nuakholamara.)
Project Category	Road

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Gop	Bill Status	Final Bill
Proposal Date	12-10-2022	Date of Commencement	04-10-2025
Date of Completion	07-10-2025	Scheme Name	5th SFC Grant in Aid
Scheme Component Name	MAINTENANCE OF ROADS AND BRIDGES	Project Sub-Category	CC Road
Project Type	Upgradation or Improvement	Name of Executant	

Administrative Approval Details

Approval No.	OD/369/3539/120948/409361/00054065/AS
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Technical Sanction Details

Technical Sanction No.	OD/369/3539/120948/409361/00054065/TS
Fund Sanction No.	19249
Fund Sanction Amount (in Rs.)	200000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	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	13.53	216.23489289764	8155.067774088
2	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	11.34144375	8008.456448	8155.067774088

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	14.656425	6484.071326	8155.067774088
4	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	3.606	240.77592	8155.067774088
5	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	15.1215	539.302832	8155.067774088
Total Amount (in Rs.): 197809.727256					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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	-	13.53	Sqm
i	Semi-Skilled	0.05	0.6765	-
ii	Skilled	0.05	0.6765	-
2	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.	-	11.34144375	Cum
i	Un-Skilled	4.6	52.17064125	-
ii	Skilled	0.68	7.71218175	-
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.	-	14.656425	Cum

i	Skilled	0.18	2.6381565	-
ii	Un-Skilled	3.9	57.1600575	-
4	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	-	3.606	Cum
i	Un-Skilled	0.516	1.860696	-
5	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.	-	15.1215	Cum
i	Un-Skilled	0.1236	1.8690174	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Semi-Skilled	0.6765	512	346.368
2	Skilled	11.02683825	562	6197.0830965
3	Un-Skilled	113.06041215	462	52233.9104133
				Total: 58777.3615098

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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	-	13.53	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0361251	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.70478	1Mtr.
2	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.	-	11.34144375	Cum
i)	BRM340 : Cement	3.23	36.6328633125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.1036496875	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	10.207299375	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.	-	14.656425	Cum
i)	BRM340 : Cement	2.29	33.56321325	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.035084	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	14.070168	1 Cum.
4	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	-	3.606	Cum
5	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.	-	15.1215	Cum
i)	BRM029 : Sand for filling and road blinding	1	15.1215	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM104	0.0361251	1Cum.	58573.086	2115.9585890586
2	BRM092	1.70478	1Mtr.	229.106	390.57532668
3	BRM340	70.1960765625	1 Qntl.	595.832	41825.068690387
4	BRM028	12.1387336875	1 Cum	780.67	9476.3452278206
5	BRM056	10.207299375	1 Cum.	2580.53	26340.242256169
6	BRM044	14.070168	1 Cum.	2168.91	30516.92807688
7	BRM029	15.1215	1 Cum	401.61	6072.945615
Total:					116738.063782

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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	-	13.53	Sqm

i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0361251	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.00830742	1Mtr.
2	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.	-	11.34144375	Cum
i)	BRM340 : Cement	3.23	36.6328633125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.1036496875	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	10.207299375	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.	-	14.656425	Cum
i)	BRM340 : Cement	2.29	33.56321325	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.035084	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	14.070168	1 Cum.
4	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	-	3.606	Cum
5	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.	-	15.1215	Cum
i)	BRM029 : Sand for filling and road blinding	1	15.1215	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	12.1387336875	1 Cum	75.25	913.43970998437
2	BRM056	10.207299375	1 Cum.	309.5	3159.1591565625
3	BRM044	14.070168	1 Cum.	309.5	4354.716996
4	BRM029	15.1215	1 Cum	75.25	1137.892875
Total: 9565.2087375469					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
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1	Display Citizen Board @ Rs. 500	Rs. 500
2	Contingency @ Rs. 1689	Rs. 1689
		Total Addition Component Amount (in Rs.): 2189

DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Contingency @ Rs. 1689	Rs. 1689
2	Royalty @ Rs. 4110.1789378125	Rs. 4110.1789378125
3	Additional Royalty @ Rs. 4838.5029590625	Rs. 4838.5029590625
4	EMF @ Rs. 205.50894689062	Rs. 205.50894689062
5	DMF @ Rs. 411.01789378125	Rs. 411.01789378125
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.92) @ 556.64	Rs. 556.64
7	Labour Cess @ Rs. 1999	Rs. 1999
		Total Deduction Component Amount (in Rs.): 13809.848737547

Total Net Amount (in Rs.): 186188.87851845