

BILLING DPR

State	Odisha	District	Jharsuguda	Block	Laikera	Gram Panchayat	Sarangloi
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Work Code	OD/357/3407/118558/381224/00039783 (IMPROVEMENT OF ROAD FROM AITAPALI RD ROAD TO NAGRUPATRA ,SARANGLOI)
Project Category	Road

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Laikera	Bill Status	Final Bill
Proposal Date	-	Date of Commencement	28-07-2025
Date of Completion	18-08-2025	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/357/3407/118558/381224/00039783/AS
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Technical Sanction Details

Technical Sanction No.	OD/357/3407/118558/381224/00039783/TS
Fund Sanction No.	575
Fund Sanction Amount (in Rs.)	300000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	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	25.992135	240.77592	4875.0497132315
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	23.1777	675.905332	4875.0497132315

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	24.5849175	5743.10139	4875.0497132315
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	17.09886	7260.721633	4875.0497132315
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	22.46322	217.02363744964	4875.0497132315
Total Amount (in Rs.): 292142.99751304					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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	-	25.992135	Cum
i	Un-Skilled	0.516	13.41194166	-
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.	-	23.1777	Cum
i	Un-Skilled	0.1236	2.86476372	-
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.	-	24.5849175	Cum
i	Skilled	0.18	4.42528515	-
ii	Un-Skilled	3.9	95.88117825	-

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.	-	17.09886	Cum
i	Un-Skilled	4.6	78.654756	-
ii	Skilled	0.68	11.6272248	-
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	-	22.46322	Sqm
i	Semi-Skilled	0.05	1.123161	-
ii	Skilled	0.05	1.123161	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	190.81263963	462	88155.43950906
2	Skilled	17.17567095	562	9652.7270739
3	Semi-Skilled	1.123161	512	575.058432
Total:				98383.22501496

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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	-	25.992135	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.	-	23.1777	Cum
i)	BRM029 : Sand for filling and road blinding	1	23.1777	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.	-	24.5849175	Cum

i)	BRM340 : Cement	2.29	56.299461075	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	11.8007604	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	23.6015208	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 specificaion and direction of Engineer-in charge.	-	17.09886	Cum
i)	BRM340 : Cement	3.23	55.2293178	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.694487	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	15.388974	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	-	22.46322	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0599767974	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.83036572	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	23.1777	1 Cum	407.11	9435.873447
2	BRM340	111.528778875	1 Qntl.	564.582	62967.141034805
3	BRM028	19.4952474	1 Cum	870.81	16976.656388394
4	BRM044	23.6015208	1 Cum.	1544.68	36456.797149344
5	BRM056	15.388974	1 Cum.	1946.05	29947.7128527
6	BRM104	0.0599767974	1Cum.	58810.886	3527.2885945365
7	BRM092	2.83036572	1Mtr.	466.906	1321.5147368623
Total:					160632.98420364

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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	-	25.992135	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.	-	23.1777	Cum
i)	BRM029 : Sand for filling and road blinding	1	23.1777	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.	-	24.5849175	Cum
i)	BRM340 : Cement	2.29	56.299461075	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	11.8007604	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	23.6015208	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.	-	17.09886	Cum
i)	BRM340 : Cement	3.23	55.2293178	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.694487	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	15.388974	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	-	22.46322	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0599767974	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.01379241708	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	23.1777	1 Cum	205	4751.4285
2	BRM028	19.4952474	1 Cum	205	3996.525717
3	BRM044	23.6015208	1 Cum.	155	3658.235724
4	BRM056	15.388974	1 Cum.	155	2385.29097
Total:					14791.480911

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
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1	Display Citizen Board @ Rs. 3000	Rs. 3000
2	Any Other Lumpsum @ Rs. 1950	Rs. 1950
3	Contingency @ Rs. 2900	Rs. 2900
		Total Addition Component Amount (in Rs.): 7850

DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Contingency @ Rs. 2900	Rs. 2900
2	Royalty @ Rs. 6562.317483	Rs. 6562.317483
3	Additional Royalty @ Rs. 7244.81580555	Rs. 7244.81580555
4	EMF @ Rs. 328.11587415	Rs. 328.11587415
5	DMF @ Rs. 656.2317483	Rs. 656.2317483
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.945) @ 883.68	Rs. 883.68
7	Labour Cess @ 1%	Rs. 2999.9299751304
		Total Deduction Component Amount (in Rs.): 21575.09088613

Total Net Amount (in Rs.): 278417.90662691