

ESTIMATION DPR

State	Odisha	District	Balasore	Block	Bhograi	Gram Panchayat	Daruha
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Work Code	OD/346/3302/275566/391900/00067596 (CONST. OF CC ROAD FROM PMGSY ROAD TO CHANDI MATA PANI PANCHAYAT AT DARUHA)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Bhograi	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	100000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;">Earth Work (AR0102a1) : Earthwork in hard soil or gravelly soil within 50m to 75m lead and 1.5m, initial lift - Earthwork in hard soil or gravelly 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.</p>	Cum	1.927241408	214.6452	413.67311746844
2	<p style="text-align: center;">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.</p>	Cum	6.29906083328	1032.061632	6501.0190036622

3	<p style="text-align: center;">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.</p>	Cum	6.51709452992	6995.32739326	45589.209889614
4	<p style="text-align: center;">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 specifcaion and direction of Engineer-in charge.</p>	Cum	4.597515648	8385.05005962	38550.398858366

5	<p>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</p>	Sqm	30.31982308	216.23489289764	6556.2036963792
Total Amount (in Rs.): 97610.50456549					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Earth Work (AR0102a1) : Earthwork in hard soil or gravelly soil within 50m to 75m lead and 1.5m, initial lift - Earthwork in hard soil or gravelly 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.</p>	-	1.927241408	Cum
i	Un-Skilled	0.46	0.88653104768	-

2	<p>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.</p>	-	6.29906083328	Cum
i	Un-Skilled	0.1236	0.77856391899341	-
3	<p>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.</p>	-	6.51709452992	Cum
i	Skilled	0.18	1.1730770153856	-
ii	Un-Skilled	3.9	25.416668666688	-

4	<p>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.</p>	-	4.597515648	Cum
i	Un-Skilled	4.6	21.1485719808	-
ii	Skilled	0.68	3.12631064064	-
5	<p>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</p>	-	30.31982308	Sqm
i	Semi-Skilled	0.05	1.515991154	-
ii	Skilled	0.05	1.515991154	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	48.230335614161	462	22282.415053743
2	Skilled	5.8153788100256	562	3268.2428912344
3	Semi-Skilled	1.515991154	512	776.187470848
Total:				26326.845415825

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102a1) :.Earthwork in hard soil or gravelly soil within 50m to 75m lead and 1.5m, initial lift - Earthwork in hard soil or gravelly 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.	-	1.927241408	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.	-	6.29906083328	Cum
i)	BRM029 : Sand for filling and road blinding	1	6.29906083328	1 Cum

3	<p>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.</p>	-	6.51709452992	Cum
i)	BRM340 : Cement	2.29	14.924146473517	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	3.1282053743616	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	6.2564107487232	1 Cum.
4	<p>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.</p>	-	4.597515648	Cum
i)	BRM340 : Cement	3.23	14.84997554304	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.0688820416	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	4.1377640832	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	-	30.31982308	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0809539276236	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	3.82029770808	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	6.29906083328	1 Cum	699.49	4406.130062271
2	BRM340	29.774122016557	1 Qntl.	570.467	16985.154064419
3	BRM028	5.1970874159616	1 Cum	704.43	3660.9842884258
4	BRM044	6.2564107487232	1 Cum.	2629.96	16454.110012712
5	BRM056	4.1377640832	1 Cum.	3031.33	12542.928398327
6	BRM104	0.0809539276236	1Cum.	58573.086	4741.7213647349
7	BRM092	3.82029770808	1Mtr.	229.106	875.25312670738
Total: 59666.281317597					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	6.29906083328	1 Cum	265.25	1670.8258860275
2	BRM028	5.1970874159616	1 Cum	265.25	1378.5274370838
3	BRM044	6.2564107487232	1 Cum.	522.5	3268.9746162079

4	BRM056	4.1377640832	1 Cum.	522.5	2161.981733472
Total: 8480.3096727912					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 500	Rs. 500
2	Display Citizen Board @ Rs. 1208	Rs. 1208
3	Any Other Lumpsum @ Rs. 680	Rs. 680
		Total Addition Component Amount (in Rs.): 2388

Total Net Amount (in Rs.): 99998.50456549