

ESTIMATION DPR							
State	Odisha	District	Bargarh	Block	Bargarh	Panchayat	Sarsara
Work Code	OD/347/3312/116391/380632/00016973 (Const of CC road from NH to Rengalpali Canal Sarsara)						
Project Category	Road						
Financial Year	2024-25		Execution Level		Sarsara, G.P		
Executing Agency	Panchayat Samiti, Bargarh		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.)	250000

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 (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</p>	Cum	29.7	235.56432	6996.260304
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	19.8	502.502472	9949.5489456

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>	Cum	19.855	5196.00278008	103166.63519849
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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>	Cum	17.226	6770.08271796	116621.44489958
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5	<p style="text-align: center;">R.C.C.</p> <p>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	22	215.38264180804	4738.4181197769
Total Amount (in Rs.): 241472.30746744					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>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</p>	29.7	235.56432	Cum
i	Un-Skilled	0.516	15.3252	-
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>	19.8	502.502472	Cum
i	Un-Skilled	0.1236	2.44728	-

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.	19.855	5196.00278008	Cum
i	Skilled	0.18	3.5739	-
ii	Un-Skilled	3.9	77.4345	-

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.	17.226	6770.08271796	Cum
i	Un-Skilled	4.6	79.2396	-
ii	Skilled	0.68	11.71368	-

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	215.38264180804	Sqm
i	Semi-Skilled	0.05	1.1	-
ii	Skilled	0.05	1.1	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	174.44658	452	78849.85416
4	Skilled	16.38758	552	9045.94416
3	Semi-Skilled	1.1	502	552.2
Total: 88447.99832				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>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</p>	-	29.7	Cum
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>	-	19.8	Cum
i)	<p>BRM029 : Sand for filling and road blinding</p>	1	19.8	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>	-	19.855	Cum
i)	BRM340 : Cement	2.29	45.46795	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	9.5304	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	19.0608	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 specifaion and direction of Engineer-in charge.</p>	-	17.226	Cum

i)	BRM340 : Cement	3.23	55.63998	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.7517	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	15.5034	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	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.05874	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.772	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	19.8	1 Cum	401.41	7947.918
2	BRM340	101.10793	1 Qntl.	560.422	56663.10834646
3	BRM028	17.2821	1 Cum	409.04	7069.070184
4	BRM044	19.0608	1 Cum.	1354.39	25815.756912

5	BRM056	15.5034	1 Cum.	1802.83	27949.994622
6	BRM104	0.05874	1Cum.	58620.646	3443.37674604
7	BRM092	2.772	1Mtr.	276.666	766.918152
Total: 129656.1429625					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	19.8	1 Cum	40.25	796.95
2	BRM028	17.2821	1 Cum	40.25	695.604525
3	BRM044	19.0608	1 Cum.	149.5	2849.5896
4	BRM056	15.5034	1 Cum.	149.5	2317.7583
Total: 6659.902425					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3527	Rs. 3527
2	Display Citizen Board @ Rs. 5000	Rs. 5000
Total Addition Component Amount (in Rs.): 8527		

Total Net Amount (in Rs.): 249999.30746744