

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Dhankauda	Gram Panchayat	Sason

Work Code	OD/371/3559/121307/381716/00014286 (Construction of CC Road from Goudpada to Saharapada Pabpali)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Dhankauda	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.	15384
Fund Sanction Amount (in Rs.)	392000

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 (AR0122Aia) : Earthwork in all kinds of soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in all kinds of soil in foundation and 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 direction of the Engineer-in-charge</p>	Cum	28.3131	265.152522096	7507.2898733563
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	28.3131	1039.555832	29433.048226999

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	14.15655	5899.1258668	83511.270289648
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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 specificaion and direction of Engineer-in charge.</p>	Cum	35.0501325	7453.9379256	261261.51193906
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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	12.891	216.39264180804	2789.5175455474
Total Amount (in Rs.): 384502.63787461					

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 (AR0122Aia) : Earthwork in all kinds of soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift -</p> <p>Earthwork in all kinds of soil in foundation and 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 direction of the Engineer-in-charge</p>	-	28.3131	Cum
i	Un-Skilled	0.5682408	16.08865859448	-
2	<p>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</p> <p>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>	-	28.3131	Cum
i	Un-Skilled	0.1236	3.49949916	-

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.	-	14.15655	Cum
i	Skilled	0.18	2.548179	-
ii	Un-Skilled	3.9	55.210545	-

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>	-	35.0501325	Cum
i	Un-Skilled	4.6	161.2306095	-
ii	Skilled	0.68	23.8340901	-

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	-	12.891	Sqm
i	Semi-Skilled	0.05	0.64455	-
ii	Skilled	0.05	0.64455	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	236.02931225448	462	109045.54226157
2	Skilled	27.0268191	562	15189.0723342
3	Semi-Skilled	0.64455	512	330.0096
Total: 124564.62419577				

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 (AR0122Aia) :.Earthwork in all kinds of soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in all kinds of soil in foundation and 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 direction of the Engineer-in-charge</p>	-	28.3131	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>	-	28.3131	Cum
i)	BRM029 : Sand for filling and road blinding	1	28.3131	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>	-	14.15655	Cum
i)	BRM340 : Cement	2.29	32.4184995	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	6.795144	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	13.590288	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>	-	35.0501325	Cum

i)	BRM340 : Cement	3.23	113.211927975	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	15.772559625	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	31.54511925	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	-	12.891	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.03441897	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.624266	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	28.3131	1 Cum	931.91	26385.261021
2	BRM340	145.630427475	1 Qntl.	568.732	82824.684278712
3	BRM028	22.567703625	1 Cum	938.79	21186.334486114
4	BRM044	13.590288	1 Cum.	1746.81	23739.65098128

5	BRM056	31.54511925	1 Cum.	2193.43	69192.010916527
6	BRM104	0.03441897	1Cum.	58620.646	2017.6622560546
7	BRM092	1.624266	1Mtr.	276.666	449.379177156
Total: 225794.98311684					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	28.3131	1 Cum	40.25	1139.602275
2	BRM028	22.567703625	1 Cum	40.25	908.35007090625
3	BRM044	13.590288	1 Cum.	149.5	2031.748056
4	BRM056	31.54511925	1 Cum.	149.5	4715.995327875
Total: 8795.6957297812					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 3845.0263787461
2	Display Citizen Board @ Rs. 3652.33	Rs. 3652.33
Total Addition Component Amount (in Rs.): 7497.3563787461		

Total Net Amount (in Rs.): 391999.99425335