

ESTIMATION DPR							
State	Odisha	District	Kendujhar	Block	Kendujhar Sadar	Panchayat	Bodapalasa

Work Code	OD/361/3452/119451/386081/00016042 (CONSTRUCTION OF C.C ROAD FROM PURNA CHANDRA BARIK HOUSE TO AWC AT SANKARPUR)						
Project Category	Road						

Financial Year	2024-25	Execution Level	Bodapalasa, G.P				
Executing Agency	Panchayat Samiti, Kendujhar Sadar	Proposal Date	-				
Date of Commencement	-	Date of Completion					
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO ZILLA PARISHAD				
Project Sub-Category	CC Road	Project Type	New Work				
Name of Executant	Samir Kabi						

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	15404
Fund Sanction Amount (in Rs.)	200000

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	3.008376832	235.56432	708.66624273383
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	11.34593011712	862.304872	9783.6508173641

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	16.3267872768	5843.84483384	95411.211480732
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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 and as per direction of Engineer-in charge.</p>	Cum	10.8736512	7327.22559608	79673.695395486
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1	<p>Earth Work (AR0102 aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift</p> <p>- 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>	3.008376 832	Cubic Meter	0.516	1.552322 445312	-	-	-	-
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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.	11.34593 011712	Cubic Meter	0.1236	1.402356 962476	-	-	-	-
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3	<p>Concrete</p> <p>(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>	16.32678 72768	Cubic Meter	3.9	63.67447 037952	-	-	0.18	2.938821 709824
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4	<p>Concrete</p> <p>(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 and as per direction of Engineer-in charge.</p>	10.87365 12	Cubic Meter	4.6	50.01879 552	-	-	0.68	7.394082 816
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5	R.C.C. Work (AR0410 c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centering 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	39.48005888	Square Meter	-	-	0.05	1.974002944	0.05	1.974002944
Total Qty				116.64794530731	12.306907469824	1.974002944			
Rate Per Man Day				452	552	502			
Total Amount				52724.871278903	6793.4129233428	990.949477888			
Total Labour Amount (in Rs.): 60509.233680134									

MATERIAL STATEMENT

Sl.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	-	3.008376832	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.	-	11.34593011712	Cum
i)	BRM029 : Sand for filling and road blinding	1	11.34593011712	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>	-	16.3267872768	Cum
i)	BRM340 : Cement	2.29	37.388342863872	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.836857892864	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	15.673715785728	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 and as per direction of Engineer-in charge.</p>	-	10.8736512	Cum

i)	BRM340 : Cement	3.23	35.121893376	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.89314304	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	9.78628608	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 centering 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	-	39.48005888	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1054117572096	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	4.97448741888	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	11.34593011712	1 Cum	747.65	8482.7846520648
2	BRM340	72.510236239872	1 Qntl.	572.402	41505.004244175
3	BRM028	12.730000932864	1 Cum	757.65	9644.8852067844
4	BRM044	15.673715785728	1 Cum.	1531.66	24006.803520368

5	BRM056	9.78628608	1 Cum.	1906.41	18656.673645773
6	BRM104	0.1054117572096	1Cum.	58573.086	6174.291920449
7	BRM092	4.97448741888	1Mtr.	229.106	1139.6849145899
Total: 109610.1281042					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	11.34593011712	1 Cum	50.25	570.13298838528
2	BRM028	12.730000932864	1 Cum	50.25	639.68254687642
3	BRM044	15.673715785728	1 Cum.	424.5	6653.4923510415
4	BRM056	9.78628608	1 Cum.	424.5	4154.27844096
Total: 12017.586327263					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2000	Rs. 2000
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 925.68	Rs. 925.68
Total Addition Component Amount (in Rs.): 5925.68		

Total Net Amount (in Rs.): 199999.99538036