

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Balangir	Panchayat	Kutumdola
Work Code	OD/345/3285/275194/420042/00014467 (Const. of CC road at Duanpali school to bandha under Kutumdola GP)						
Project Category	Road						
Financial Year	2024-25			Execution Level	Kutumdola, G.P		
Executing Agency	Panchayat Samiti, Balangir			Proposal Date	28-02-2024		
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.	
---------------------	--

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	15384
Fund Sanction Amount (in Rs.)	300000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
-----	----------------	------	----------	---------------------	----------------

1	<p style="text-align: center;">Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift -</p> <p>Earth work in ordinary soil 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 per 100 cum</p>	Cum	23.902494048	146.0864	3491.8293064937
2	<p style="text-align: center;">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>	Cum	18.050260992	514.198272	9281.4130112354

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	24.466564704	5503.48534592	134651.38031347
---	---	-----	--------------	---------------	-----------------

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	18.614331648	7121.40082304	132560.11671841
---	---	-----	--------------	---------------	-----------------

1	Earth Work (AR0101 a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift - Earth work in ordinary soil 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 per 100 cum	23.90249 4048	Cubic Meter	0.32	7.648798 09536	-	-	-	-
---	--	------------------	----------------	------	-------------------	---	---	---	---

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.	18.05026 0992	Cubic Meter	0.1236	2.231012 2586112	-	-	-	-
---	--	------------------	----------------	--------	---------------------	---	---	---	---

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>	24.46656 4704	Cubic Meter	3.9	95.41960 23456	-	-	0.18	4.403981 64672
---	---	------------------	----------------	-----	-------------------	---	---	------	-------------------

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>	18.61433 1648	Cubic Meter	4.6	85.62592 55808	-	-	0.68	12.65774 552064
---	--	------------------	----------------	-----	-------------------	---	---	------	--------------------

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	40.71381072	Square Meter	-	-	0.05	2.035690536	0.05	2.035690536
Total Qty				190.92533828037	19.09741770336	2.035690536			
Rate Per Man Day				452	552	502			
Total Amount				86298.252902728	10541.774572255	1021.916649072			
Total Labour Amount (in Rs.): 97861.944124054									

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<p>Earth Work (AR0101a) :.Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift - Earth work in ordinary soil 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 per 100 cum</p>	-	23.902494048	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>	-	18.050260992	Cum
i)	BRM029 : Sand for filling and road blinding	1	18.050260992	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>	-	24.466564704	Cum
i)	BRM340 : Cement	2.29	56.02843317216	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	11.74395105792	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	23.48790211584	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>	-	18.614331648	Cum

i)	BRM340 : Cement	3.23	60.12429122304	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	8.3764492416	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	16.7528984832	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	-	40.71381072	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1087058746224	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	5.12994015072	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	18.050260992	1 Cum	373.99	6750.6171083981
2	BRM340	116.1527243952	1 Qntl.	637.048	73994.860770513
3	BRM028	20.12040029952	1 Cum	378.93	7624.2232854971
4	BRM044	23.48790211584	1 Cum.	1284.28	30165.042929331

5	BRM056	16.7528984832	1 Cum.	1685.65	28239.523328206
6	BRM104	0.1087058746224	1Cum.	58573.086	6367.2385429631
7	BRM092	5.12994015072	1Mtr.	229.106	1175.3000681709
Total: 154316.80603308					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	18.050260992	1 Cum	79.25	1430.483183616
2	BRM028	20.12040029952	1 Cum	79.25	1594.541723737
3	BRM044	23.48790211584	1 Cum.	301.5	7081.6024879258
4	BRM056	16.7528984832	1 Cum.	301.5	5050.9988926848
Total: 15157.626287964					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3000	Rs. 3000
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 5252	Rs. 5252
Total Addition Component Amount (in Rs.): 11252		

Total Net Amount (in Rs.): 299999.36490127