

ESTIMATION DPR							
State	Odisha	District	Nabarangpur	Block	Nabarangpur	Panchayat	Mantriguda
Work Code	OD/366/3517/120494/427919/00015640 (Const of CC road at Banuaguda)						
Project Category	Road						
Financial Year	2024-25	Execution Level			Mantriguda, G.P		
Executing Agency	Panchayat Samiti, Nabarangpur	Proposal Date			16-07-2024		
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.)	180000

ACTIVITY STATEMENT

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

1	<p style="text-align: center;">Earth Work (AR0110) : Fine dressing of earth work -</p> <p>Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</p>	Sqm	24.3	4.5652	110.93436
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	16.2	580.009872	9396.1599264

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	16.2	5267.80628386	85338.461798532
---	---	-----	------	---------------	-----------------

1	<p>Earth Work (AR0110) : Fine dressing of earth work - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</p>	24.3	Square Meter	0.01	0.243	-	-
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>	16.2	Cubic Meter	0.1236	2.00232	-	-

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>	16.2	Cubic Meter	3.9	63.18	0.18	2.916
---	---	------	-------------	-----	-------	------	-------

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>	12.15	Cubic Meter	4.6	55.89	0.68	8.262
Total Qty				121.31532		11.178	
Rate Per Man Day				452		552	
Total Amount				54834.52464		6170.256	
Total Labour Amount (in Rs.): 61004.78064							

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0110) :.Fine dressing of earth work - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.	-	24.3	Sqm
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.	-	16.2	Cum
i)	BRM029 : Sand for filling and road blinding	1	16.2	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>	-	16.2	Cum
i)	BRM340 : Cement	2.29	37.098	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.776	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	15.552	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>	-	12.15	Cum

i)	BRM340 : Cement	3.23	39.2445	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.4675	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	10.935	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	16.2	1 Cum	478.15	7746.03
2	BRM340	76.3425	1 Qntl.	558.557	42641.6377725
3	BRM028	13.2435	1 Cum	482.34	6387.86979
4	BRM044	15.552	1 Cum.	1401.46	21795.50592
5	BRM056	10.935	1 Cum.	1802.83	19713.94605
Total: 98284.9895325					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	16.2	1 Cum	40.25	652.05
2	BRM028	13.2435	1 Cum	40.25	533.050875
3	BRM044	15.552	1 Cum.	149.5	2325.024
4	BRM056	10.935	1 Cum.	149.5	1634.7825
Total: 5144.907375					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 653	Rs. 653
2	Display Citizen Board @ Rs. 2000	Rs. 2000

Total Addition Component Amount (in Rs.): 2653

Total Net Amount (in Rs.): 179999.2355619