

ESTIMATION DPR							
State	Odisha	District	Kendujhar	Block	Kendujhar Sadar	Panchayat	Handibhanga

Work Code	OD/361/3452/119454/385964/00015534 (CONSTRUCTION OF CC ROAD FROM TUNU LOHA HOUSE TO GOURI SARDAR HOUSE AT KATHABAUNSULI)
Project Category	Road

Financial Year	2024-25	Execution Level	Handibhanga, G.P
Executing Agency	Panchayat Samiti, Kendujhar Sadar	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant	Samir Kabi		

Administrative Approval Details

Approval No.	
---------------------	--

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	30636
Fund Sanction Amount (in Rs.)	143788

ACTIVITY STATEMENT

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

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	1.99069275	235.56432	468.93618398268
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	7.1892789375	1126.177472	8096.4039793366

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	11.48845575	6211.48932834	71360.420290231
---	---	-----	-------------	---------------	-----------------

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	7.195275	7678.39587958	55248.169912445
---	---	-----	----------	---------------	-----------------

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>	1.99069275	Cubic Meter	0.516	1.027197459	-	-	-	-
---	---	------------	-------------	-------	-------------	---	---	---	---

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.	7.189278 9375	Cubic Meter	0.1236	0.888594 876675	-	-	-	-
---	--	------------------	----------------	--------	--------------------	---	---	---	---

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>	11.48845 575	Cubic Meter	3.9	44.80497 7425	-	-	0.18	2.067922 035
---	---	-----------------	----------------	-----	------------------	---	---	------	-----------------

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>	7.195275	Cubic Meter	4.6	33.098265	-	-	0.68	4.892787
---	--	----------	-------------	-----	-----------	---	---	------	----------

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	19.68318 75	Square Meter	-	-	0.05	0.984159 375	0.05	0.984159 375
Total Qty				79.819034760675		7.94486841		0.984159375	
Rate Per Man Day				452		552		502	
Total Amount				36078.203711825		4385.56736232		494.04800625	
Total Labour Amount (in Rs.): 40957.819080395									

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	-	1.99069275	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.	-	7.1892789375	Cum
i)	BRM029 : Sand for filling and road blinding	1	7.1892789375	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>	-	11.48845575	Cum
i)	BRM340 : Cement	2.29	26.3085636675	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	5.51445876	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	11.02891752	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>	-	7.195275	Cum

i)	BRM340 : Cement	3.23	23.24073825	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.23787375	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	6.4757475	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	-	19.6831875	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.052554110625	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.480081625	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	7.1892789375	1 Cum	1008.91	7253.3354128331
2	BRM340	49.5493019175	1 Qntl.	578.347	28656.69011608
3	BRM028	8.75233251	1 Cum	1018.91	8917.8391177641
4	BRM044	11.02891752	1 Cum.	1766.02	19477.28891867

5	BRM056	6.4757475	1 Cum.	2140.77	13863.085975575
6	BRM104	0.052554110625	1Cum.	58573.086	3078.2564412916
7	BRM092	2.480081625	1Mtr.	229.106	568.20158077725
Total: 81814.697562992					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	7.1892789375	1 Cum	50.25	361.26126660938
2	BRM028	8.75233251	1 Cum	50.25	439.8047086275
3	BRM044	11.02891752	1 Cum.	424.5	4681.77548724
4	BRM056	6.4757475	1 Cum.	424.5	2748.95481375
Total: 8231.7962762269					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1438	Rs. 1438
2	Display Citizen Board @ Rs. 2934	Rs. 2934
Total Addition Component Amount (in Rs.): 4372		

Total Net Amount (in Rs.): 143782.24228757