

ESTIMATION DPR

State	Odisha	District	Puri	Block	Sadar	Panchayat	Gopinathpur
--------------	--------	-----------------	------	--------------	-------	------------------	-------------

Work Code	OD/369/3545/121070/409901/00013589 (Improvement of Road from Ramachandra Pradhan House to Jitendra Padhi House at M M Nagar)
Project Category	Road

Financial Year	2023-24	Execution Level	Gopinathpur, G.P
Executing Agency	Panchayat Samiti, Sadar	Proposal Date	03-06-2023
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance and improvement of Road infrastructure
Project Sub-Category	CC Road	Project Type	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

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

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	11939
Fund Sanction Amount (in Rs.)	200000

ACTIVITY STATEMENT

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

1	<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	13.419	605.007372	8118.593924868
2	<p style="text-align: center;">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	13.419	6285.40400078	84343.836286467

1	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.	13.419	Cubic Meter	0.1236	1.6585884	-	-
---	--	--------	-------------	--------	-----------	---	---

2	<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>	13.419	Cubic Meter	3.9	52.3341	0.18	2.41542
---	--	--------	-------------	-----	---------	------	---------

3	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.	13.419	Cubic Meter	4.6	61.7274	0.68	9.12492
Total Qty				115.7200884		11.54034	
Rate Per Man Day				452		552	
Total Amount				52305.4799568		6370.26768	
Total Labour Amount (in Rs.): 58675.7476368							

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	13.419	Cum
i)	BRM029 : Sand for filling and road blinding	1	13.419	1 Cum
2	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.	-	13.419	Cum
i)	BRM340 : Cement	2.29	30.72951	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	6.44112	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	12.88224	1 Cum.

3	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.	-	13.419	Cum
i)	BRM340 : Cement	3.23	43.34337	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.03855	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	12.0771	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	13.419	1 Cum	427.65	5738.63535
2	BRM340	74.07288	1 Qntl.	591.577	43819.81213176
3	BRM028	12.47967	1 Cum	780.67	9742.5039789
4	BRM044	12.88224	1 Cum.	1984.91	25570.0869984
5	BRM056	12.0771	1 Cum.	2396.53	28943.132463
Total: 113814.17092206					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	13.419	1 Cum	115.5	1549.8945
2	BRM028	12.47967	1 Cum	115.5	1441.401885
3	BRM044	12.88224	1 Cum.	320	4122.3168
4	BRM056	12.0771	1 Cum.	320	3864.672
Total: 10978.285185					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1971.7589527419
2	Display Citizen Board @ Rs. 500	Rs. 500
3	Any Other Lumpsum @ Rs. 350	Rs. 350
Total Addition Component Amount (in Rs.): 2821.7589527419		

Total Net Amount (in Rs.): 199997.65422693