

**ESTIMATION DPR**

<b>State</b>	Odisha	<b>District</b>	Gajapati	<b>Block</b>	Gosani	<b>Panchayat</b>	Tatipetti
--------------	--------	-----------------	----------	--------------	--------	------------------	-----------

<b>Work Code</b>	OD/353/3357/117456/414692/00013384 (Improvement of Road from RD road to Suryanarayan House of Tatipetti icw MGNREGS)
<b>Project Category</b>	Road

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	Tatipetti, G.P
<b>Executing Agency</b>	Panchayat Samiti, Gosani	<b>Proposal Date</b>	20-07-2023
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	All Weather Connectivity
<b>Project Sub-Category</b>	CC Road	<b>Project Type</b>	Upgradation or Improvement
<b>Name of Executant</b>			

**Administrative Approval Details**

<b>Approval No.</b>	
---------------------	--

**Technical Sanction Details**

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	15598
<b>Fund Sanction Amount (in Rs.)</b>	219548

**ACTIVITY STATEMENT**

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

1	<p style="text-align: center;"><b>Earth Work (AR0122Ai1) :</b></p> <p><b>Earthwork in all kinds of soil within 50m to 75m 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 -</b></p> <p>Earthwork in all kinds of soil within 50m to 75m 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.</p>	Cum	61.845	229.87334168	14216.5168162
---	---	-----	--------	--------------	---------------

2	<p><b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	11.16	4978.27178768	55557.513150509
3	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	39.525	514.258872	20326.0819158

4	<p><b>miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</b></p>	Sqm	189.1	621.999	117620.0109
<b>Total Amount (in Rs.): 207720.12278251</b>					

## LABOUR STATEMENT

Sl.No.	Activity Name	Quantity (A)	Unit	Un-Skilled	Skilled
				RS.452/-	RS.552/-

Qty/Unit (B)	Total Qty (A*B)	Qty/Unit (B)	Total Qty (A*B)				
1	<p><b>Earth Work (AR0122Ai1) :</b>  <b>Earthwork in all kinds of soil within 50m to 75m 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 -</b>  Earthwork in all kinds of soil within 50m to 75m 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.</p>	61.845	Cubic Meter	0.503534	31.14106023	-	-

2	<p><b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	11.16	Cubic Meter	3.9	43.524	0.18	2.0088
---	--	-------	-------------	-----	--------	------	--------

3	<b>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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</b>	39.525	Cubic Meter	0.1236	4.88529	-	-
<b>Total Qty</b>				<b>79.55035023</b>		<b>2.0088</b>	
<b>Rate Per Man Day</b>				<b>452</b>		<b>552</b>	
<b>Total Amount</b>				<b>35956.75830396</b>		<b>1108.8576</b>	
<b>Total Labour Amount (in Rs.): 37065.61590396</b>							

## **MATERIAL STATEMENT**

<b>Sl.No.</b>	<b>Activity Name/Material</b>	<b>Qty/unit (B=Analysis Basic Qty/Header Unit)</b>	<b>Quantity (Meaurement Qty)</b>	<b>Unit</b>
---------------	-------------------------------	--	----------------------------------	-------------

1	<p><b>Earth Work (AR0122Ai1)</b>  <b>:.Earthwork in all kinds of soil within 50m to 75m 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 -</b>  Earthwork in all kinds of soil within 50m to 75m 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.</p>	-	61.845	Cum
2	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	11.16	Cum
i)	<b>BRM340 : Cement</b>	2.29	25.5564	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	5.3568	1 Cum
iii)	<b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b>	0.96	10.7136	1 Cum.

3	<b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed -</b> 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.	-	39.525	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	39.525	1 Cum
4	<b>miscellaneous(ARM 287) :.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC -</b> Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.	-	189.1	Sqm
i)	<b>BRM029 : Sand for filling and road blinding</b>	0.03	5.673	1 Cum

ii)	<b>BRMM287 :</b> Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	189.1	1 Sqm
-----	---	---	-------	-------

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	25.5564	1 Qntl.	339.14	8667.197496
2	<b>BRM028</b>	5.3568	1 Cum	417.99	2239.088832
3	<b>BRM044</b>	10.7136	1 Cum.	1401.46	15014.681856
4	<b>BRM029</b>	45.198	1 Cum	413.05	18669.0339
5	<b>BRMM287</b>	189.1	1 Sqm	608.4	115048.44
<b>Total: 159638.442084</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	5.3568	1 Cum	319.5	1711.4976
2	<b>BRM044</b>	10.7136	1 Cum.	418.95	4488.46272
3	<b>BRM029</b>	45.198	1 Cum	40.25	1819.2195
<b>Total: 8019.17982</b>					

## ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2077.2012278251
2	Display Citizen Board @ Rs. 5000	Rs. 5000

3	Any Other Lumpsum @ Rs. 4000	Rs. 4000
<b>Total Addition Component Amount (in Rs.): 11077.201227825</b>		

**Total Net Amount (in Rs.): 218797.32401033**