

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Rayagada	<b>Block</b>	Rayagada	<b>Panchayat</b>	Kumbhikota
<b>Work Code</b>	OD/370/3557/121267/426467/00016750 (Construction of CC road at Balungi(Revenue village-Punjapai))						
<b>Project Category</b>	Road						
<b>Financial Year</b>	2024-25		<b>Execution Level</b>		Kumbhikota, G.P		
<b>Executing Agency</b>	Panchayat Samiti, Rayagada		<b>Proposal Date</b>		-		
<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>		New Work		
<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>	1608
<b>Fund Sanction Amount (in Rs.)</b>	143788

### ACTIVITY STATEMENT

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

1	<p style="text-align: center;"><b>Earth Work (AR0102a) :</b>  <b>Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift -</b>  Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge</p>	Cum	17.4	196.3036	3415.68264
2	<p style="text-align: center;"><b>Earth Work (AR0115) :</b>  <b>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	4.64	956.133872	4436.46116608

3	<p><b>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b>  Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	13.92	5238.56172982	72920.779279094
---	--	-----	-------	---------------	-----------------

4	<b>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> 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 as per specificaion and direction of Engineer-in charge.	Cum	8.12	7364.55279834	59800.168722521
<b>Total Amount (in Rs.): 140573.0918077</b>					

## LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
--------	---------------	---	---------------------------	------

1	<p><b>Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift -</b></p> <p>Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge</p>	17.4	196.3036	Cum
i	Un-Skilled	0.43	7.482	-
2	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b></p> <p>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>	4.64	956.133872	Cum
i	Un-Skilled	0.1236	0.573504	-

3	<b>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b> Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	13.92	5238.56172982	Cum
i	Un-Skilled	3.9	54.288	-
ii	Skilled	0.18	2.5056	-

4	<p><b>Concrete (AR0307)</b>  <b>: 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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</b></p>	8.12	7364.55279834	Cum
i	Un-Skilled	4.6	37.352	-
ii	Skilled	0.68	5.5216	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	99.695504	452	45062.367808
4	Skilled	8.0272	552	4431.0144
<b>Total: 49493.382208</b>				

## MATERIAL STATEMENT

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

1	<p><b>Earth Work (AR0102a) :.Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift -</b></p> <p>Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge</p>	-	17.4	Cum
2	<p><b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed -</b></p> <p>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>	-	4.64	Cum
i)	<p><b>BRM029 : Sand for filling and road blinding</b></p>	1	4.64	1 Cum

3	<p><b>Concrete (AR0303a)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b>  Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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>	-	13.92	Cum
i)	<b>BRM340 : Cement</b>	2.29	31.8768	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	6.6816	1 Cum
iii)	<b>BRM045 : Granite Stone broken metal 40mm. size (Hand broken)</b>	0.96	13.3632	1 Cum.
4	<p><b>Concrete (AR0307)</b>  <b>:.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> 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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>	-	8.12	Cum

i)	<b>BRM340</b> : Cement	3.23	26.2276	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	3.654	1 Cum
iii)	<b>BRM056</b> : 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	7.308	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	4.64	1 Cum	738.55	3426.872
2	<b>BRM340</b>	58.1044	1 Qntl.	577.027	33527.8076188
3	<b>BRM028</b>	10.3356	1 Cum	743.49	7684.415244
4	<b>BRM045</b>	13.3632	1 Cum.	1128.47	15079.970304
5	<b>BRM056</b>	7.308	1 Cum.	2063.23	15078.08484
<b>Total: 74797.1500068</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	4.64	1 Cum	152.25	706.44
2	<b>BRM028</b>	10.3356	1 Cum	152.25	1573.5951
3	<b>BRM045</b>	13.3632	1 Cum.	157.3	2102.03136
4	<b>BRM056</b>	7.308	1 Cum.	261.5	1911.042
<b>Total: 6293.10846</b>					

## ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1405.730918077
2	Display Citizen Board @ Rs. 1700	Rs. 1700

**Total Addition Component Amount (in Rs.): 3105.730918077**

**Total Net Amount (in Rs.): 143678.82272577**