

**ESTIMATION DPR**

<b>State</b>	Odisha	<b>District</b>	Kalahandi	<b>Block</b>	Kesinga	<b>Gram Panchayat</b>	Patharla
--------------	--------	-----------------	-----------	--------------	---------	-----------------------	----------

<b>Work Code</b>	OD/358/3416/118761/422336/00066934 (IMPROVEMENT OF CC ROAD FROM GOUDTOLA BAGPADA TO SAHUPADA COMMUNITY HALL OF PATHARLA GP)
<b>Project Category</b>	Road

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Kesinga	<b>Proposal Date</b>	16-06-2025
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	SFC Devolution of Fund	<b>Scheme Component Name</b>	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
<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>	28365
<b>Fund Sanction Amount (in Rs.)</b>	201919

**ACTIVITY STATEMENT**

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

1	<p style="text-align: center;"><b>Earth Work (AR0102aa)</b>  <b>: Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b>  Earth work in hard soil or gravelly soil foundation &amp; 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	26.235	240.77592	6316.7562612
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	17.49	517.527232	9051.55128768

3	<p style="text-align: center;"><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>	Cum	17.49	5227.36732816	91426.654569518
4	<p style="text-align: center;"><b>R.C.C. Work (AR0410c) :</b>  <b>R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b> - Rigid and smooth centring 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</p>	Sqm	10.6	216.39264180804	2293.7620031652

5	<p align="center"><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 specificaion and direction of Engineer-in charge.</p>	Cum	12.045	6767.91181992	81519.497870936
6	<p align="center"><b>Earth Work (AR0114a) :</b>  <b>Filling of foundation with escalated earth -</b> Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.</p>	Cum	26.235	133.76408892	3509.3008728162
<b>Total Amount (in Rs.): 194117.52286532</b>					

### LABOUR STATEMENT

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

1	<p><b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b></p> <p>Earth work in hard soil or gravelly soil foundation &amp; 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>	-	26.235	Cum
i	Un-Skilled	0.516	13.53726	-
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>	-	17.49	Cum
i	Un-Skilled	0.1236	2.161764	-

3	<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>	-	17.49	Cum
i	Skilled	0.18	3.1482	-
ii	Un-Skilled	3.9	68.211	-
4	<p><b>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b>  Rigid and smooth centring 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</p>	-	10.6	Sqm
i	Semi-Skilled	0.05	0.53	-
ii	Skilled	0.05	0.53	-

5	<p><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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>	-	12.045	Cum
i	Un-Skilled	4.6	55.407	-
ii	Skilled	0.68	8.1906	-
6	<p><b>Earth Work (AR0114a) : Filling of foundation with escalated earth -</b> Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.</p>	-	26.235	Cum
i	Un-Skilled	0.286666	7.52068251	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	146.83770651	462	67839.02040762
2	Skilled	11.8688	562	6670.2656
3	Semi-Skilled	0.53	512	271.36

**MATERIAL STATEMENT**

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	<b>26.235</b>	Cum
2	<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.	-	<b>17.49</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	17.49	1 Cum

3	<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>	-	17.49	Cum
i)	<b>BRM340</b> : Cement	2.29	40.0521	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	8.3952	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	16.7904	1 Cum.
4	<p><b>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b>  Rigid and smooth centring 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</p>	-	10.6	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.028302	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.3356	1Mtr.

5	<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 specifaion and direction of Engineer-in charge.	-		<b>12.045</b>	Cum
i)	<b>BRM340 : Cement</b>	3.23		38.90535	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45		5.42025	1 Cum
iii)	<b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b>	0.9		10.8405	1 Cum.
6	<b>Earth Work (AR0114a) :.Filling of foundation with escalated earth -</b> Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.	-		<b>26.235</b>	Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	17.49	1 Cum	413.05	7224.2445
2	<b>BRM340</b>	78.95745	1 Qntl.	602.612	47580.7068594
3	<b>BRM028</b>	13.81545	1 Cum	417.99	5774.7199455
4	<b>BRM044</b>	16.7904	1 Cum.	1336.36	22438.018944
5	<b>BRM104</b>	0.028302	1Cum.	58620.646	1659.081523092
6	<b>BRM092</b>	1.3356	1Mtr.	276.666	369.5151096
7	<b>BRM056</b>	10.8405	1 Cum.	1737.73	18837.862065

Total: 103884.14894659

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	17.49	1 Cum	42.25	738.9525
2	BRM028	13.81545	1 Cum	42.25	583.7027625
3	BRM044	16.7904	1 Cum.	159.5	2678.0688
4	BRM056	10.8405	1 Cum.	159.5	1729.05975
					<b>Total: 5729.7838125</b>

## ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1941.1752286532
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 941	Rs. 941
		<b>Total Addition Component Amount (in Rs.): 5882.1752286532</b>

**Total Net Amount (in Rs.): 199999.69809397**