

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kandhamal	<b>Block</b>	Daringibadi	<b>Gram Panchayat</b>	Gumikia

<b>Work Code</b>	OD/359/3424/118899/416801/00065597 (Const. of Culvert at Kudigunja, Alimaha road)
<b>Project Category</b>	CD Work

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Daringibadi	<b>Proposal Date</b>	-
<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>	Slab Culvert	<b>Project Type</b>	New Work
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	15612
<b>Fund Sanction Amount (in Rs.)</b>	202038

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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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	28.975216	240.77592	6976.5342895987
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	2.46136	710.800832	1749.5367358515

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	18.85383	6008.58831744	113284.902677
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4	<p style="text-align: center;"><b>R.C.C. Work (AR0404Ag) :</b></p> <p><b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	Cum	3.344	13645.458172558	45630.412129034
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5	<p><b>R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position -</b>  Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	Qntl	3.344	9595.779417	32088.286370448
<b>Total Amount (in Rs.): 199729.67220193</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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>  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>	-	28.975216	Cum

	i	Un-Skilled	0.516	14.951211456	-
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.	-	2.46136	Cum
	i	Un-Skilled	0.1236	0.304224096	-
3		<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&P required for the work etc. complete and as per direction of Engineer-in charge.	-	18.85383	Cum
	i	Skilled	0.18	3.3936894	-
	ii	Un-Skilled	3.9	73.529937	-

4	<b>R.C.C. Work (AR0404Ag) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	3.344	Cum
i	Un-Skilled	1.3333	4.4585552	-
ii	Skilled	3.15525	10.551156	-
iii	Semi-Skilled	3.11255	10.4083672	-

5	<b>R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position -</b> Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	3.344	Qntl
i	Un-Skilled	0.8	2.6752	-
ii	Highly-Skilled	0.3	1.0032	-
iii	Semi-Skilled	0.044	0.147136	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	95.919127752	462	44314.637021424
2	Skilled	13.9448454	562	7837.0031148
3	Semi-Skilled	10.5555032	512	5404.4176384
4	Highly-Skilled	1.0032	612	613.9584
<b>Total: 58170.016174624</b>				

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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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>  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>	-	28.975216	Cum
2	<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>	-	2.46136	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	2.46136	1 Cum
3	<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>	-	18.85383	Cum
i)	<b>BRM340</b> : Cement	2.29	43.1752707	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	9.0498384	1 Cum

iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	18.0996768	1 Cum.
4	<b>R.C.C. Work (AR0404Ag)</b> :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	3.344	Cum
i)	<b>BRM340</b> : Cement	3.4733	11.6147152	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1.5048	1 Cum
iii)	<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1.20384	1 Cum.
iv)	<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1.80576	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	20.8050304	1Mtr

vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.1679263168	1Cum.
5	<b>R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position -</b> Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	<b>3.344</b>	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	2.6752	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	3.5112	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	2.46136	1 Cum	606.41	1492.5933176
2	<b>BRM340</b>	54.7899859	1 Qntl.	656.412	35964.804224591
3	<b>BRM028</b>	10.5546384	1 Cum	1398.79	14763.722647536
4	<b>BRM044</b>	18.0996768	1 Cum.	1531.66	27722.550967488
5	<b>BRM060</b>	1.20384	1 Cum.	2740.58	3299.2198272
6	<b>BRM052</b>	1.80576	1 Cum.	2704.2	4883.136192
7	<b>BRM084</b>	20.8050304	1Mtr	297.726	6194.1984808704
8	<b>BRM104</b>	0.1679263168	1Cum.	58620.646	9843.9491712167
9	<b>BRM162</b>	2.6752	1 Kg.	90.1	241.03552
10	<b>BRM341</b>	3.5112	1 Qntl.	7157.192	25130.3325504
<b>Total: 129535.5428989</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	2.46136	1 Cum	40.25	99.06974
2	<b>BRM028</b>	10.5546384	1 Cum	40.25	424.8241956
3	<b>BRM044</b>	18.0996768	1 Cum.	149.5	2705.9016816

4	<b>BRM060</b>	1.20384	1 Cum.	149.5	179.97408
5	<b>BRM052</b>	1.80576	1 Cum.	149.5	269.96112
					<b>Total: 3679.7308172</b>

#### **ADDITION COMPONENT**

<b>SI.No.</b>	<b>Item Name</b>	<b>Amount (in Rs.)</b>
1	Provision for Contingency @ 1%	Rs. 1997.2967220193
2	Display Citizen Board @ Rs. 311	Rs. 311
		<b>Total Addition Component Amount (in Rs.): 2308.2967220193</b>

**Total Net Amount (in Rs.): 202037.96892395**