

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Sundargarh	<b>Block</b>	Hemgir	<b>Gram Panchayat</b>	Topria

<b>Work Code</b>	OD/373/3578/121608/383497/00040065 (Construction of Culvert at Samarpinda PWD road to Basti road)
<b>Project Category</b>	CD Work

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Hemgir	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	07-02-2026	<b>Date of Completion</b>	29-03-2026
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Maintenance and improvement of Road infrastructure
<b>Project Sub-Category</b>	Slab Culvert	<b>Project Type</b>	New Work
<b>Name of Executant</b>	Aurobinda Prasad Behura		

### Administrative Approval Details

<b>Approval No.</b>	OD/373/3578/121608/383497/00040065/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/373/3578/121608/383497/00040065/TS
<b>Fund Sanction No.</b>	29133
<b>Fund Sanction Amount (in Rs.)</b>	400000

### LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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	-	38.691	Cum

	i	Un-Skilled	0.516	19.964556	-
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.	-	5.6295	Cum
	i	Un-Skilled	0.1236	0.6958062	-
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.	-	41.841	Cum
	i	Skilled	0.18	7.53138	-
	ii	Un-Skilled	3.9	163.1799	-

4	<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>	-	0.68625	Cum
i	Un-Skilled	4.6	3.15675	-
ii	Skilled	0.68	0.46665	-
5	<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>	-	99.12	Sqm
i	Semi-Skilled	0.05	4.956	-
ii	Skilled	0.05	4.956	-

6	<p><b>R.C.C. Work (AR0410a) : Centring &amp; Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - 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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height</b></p>	-	24.07	Sqm
i	Semi-Skilled	0.305555555555556	7.35472222222222	-
ii	Skilled	0.305555555555556	7.35472222222222	-
7	<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 - 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></p>	-	4.58	Qntl
i	Un-Skilled	0.8	3.664	-
ii	Highly-Skilled	0.3	1.374	-

	iii	Semi-Skilled	0.044	0.20152	-
8		<b>R.C.C. Work (AR0404A) :</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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	5.673	Cum
	i	Un-Skilled	1.3333	7.5638109	-
	ii	Skilled	0.1	0.5673	-
	iii	Semi-Skilled	0.0573	0.3250629	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	198.2248231	462	91579.8682722
1	Skilled	20.876052222222	562	11732.341348889
2	Semi-Skilled	12.837305122222	512	6572.7002225778
3	Highly-Skilled	1.374	612	840.888

Total: 110725.79784367