

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Dhankauda	Panchayat	Talab
<b>Work Code</b>	OD/371/3559/121309/381741/00014294 (Construction of Bathing Step at Pandripali Katepada Bandha)						
<b>Project Category</b>	Water Body						
<b>Financial Year</b>	2024-25			<b>Execution Level</b>	Talab, G.P		
<b>Executing Agency</b>	Panchayat Samiti, Dhankauda			<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>	Bathing Ghat or Changing Room			<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>	15384
<b>Fund Sanction Amount (in Rs.)</b>	200000

### 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 (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>	Cum	9.1125	229.87334168	2094.720826059
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	6.4	1077.697472	6897.2638208

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>	Cum	22.4173	5534.1321678	124060.30104522
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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 and as per direction of Engineer-in charge.</p>	Cum	4.08045	7110.0679726	29012.276858796
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5	<p style="text-align: center;"><b>R.C.C.</b></p> <p><b>Work (AR0410c) :</b>  <b>R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>  - Rigid and smooth centering 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	29.0655	215.38264180804	6260.2041754716
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6	<p style="text-align: center;"><b>Masonry Brick Work (AR0603c) :</b>  <b>Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth -</b>  Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm<sup>2</sup> immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in- charge.</p>	Cum	2.5461	4973.99877664	12664.298285203
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7	<p><b>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.</b></p> <p>- 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	Sqm	30.213	168.781887396	5099.4071638953
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8	<p><b>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</b></p>	Sqm	10.125	241.93356786	2449.5773745825
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1	<p><b>Earth Work (AR01 22Ai1) :</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</p>	9.1125	Cubic Meter	0.503534	4.588453575	-	-	-	-	-	-
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2	<p><b>Earth Work (AR01 15) : 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>	6.4	Cubic Meter	0.1236	0.79104	-	-	-	-	-	-
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3	<p><b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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,</b></p>	22.4173	Cubic Meter	3.9	87.42747	-	-	0.18	4.035114	-	-
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4	<p><b>Concrete (AR03 07) : 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</p>	4.08045	Cubic Meter	4.6	18.77007	-	-	0.68	2.774706	-	-
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5	<b>R.C.C. Work (AR04 10c) : R.C.C. foundation , plinth band and footing s bases of column s mass concret e precast slabs etc - Rigid and smooth centerin g and shutteri ng for R.C.C. works includi ng false works and dismant ling them after casting includi ng cost of materia ls complet e in ground floor R.C.C. foundat ion, plinth band and footing s bases of column s mass concret e</b>	29.0655	Square Meter	-	-	0.05	1.453275	0.05	1.453275	-	-
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6	<p><b>Masonry Brick Work (AR06 03c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth -</b>  Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm<sup>2</sup> immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials,</p>	2.5461	Cubic Meter	2.82	7.180002	-	-	1.05	2.673405	0.35	0.891135
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7	<p><b>Plastering (AR10 04i) : 12mm thick cement plaster (1:6) over Brick work in outside . - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty , taxes of all materials, labour and T &amp; P required for the work etc. comp. and as per</b></p>	30.213	Square Meter	0.12	3.62556	-	-	0.14	4.22982	-	-
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8	<p><b>Plastering (AR10 14) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</b></p> <p>- 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc</p>	10.125	Square Meter	0.24	2.43	-	-	0.16	1.62	-	-
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9	<b>Painting (AR09 18a) : Finishing wall with two coat water proofing cement paint of approved shade in the outer surface of new work( Outside) - Finishing wall with two coat water proofing cement paint of approved shade in the outer surface of new work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as</b>	40.338	Square Meter	0.032	1.290816	-	-	-	-	0.022	0.887436
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<b>Total Qty</b>	<b>126.103411575</b>	<b>16.78632</b>	<b>1.453275</b>	<b>1.778571</b>
<b>Rate Per Man Day</b>	<b>452</b>	<b>552</b>	<b>502</b>	<b>602</b>
<b>Total Amount</b>	<b>56998.7420319</b>	<b>9266.04864</b>	<b>729.54405</b>	<b>1070.699742</b>
<b>Total Labour Amount (in Rs.): 68065.0344639</b>				

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<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>	-	<b>6.4</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	6.4	1 Cum
2	<b>Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.</b>	-	<b>22.4173</b>	Cum

i)	<b>BRM340 : Cement</b>	2.29	51.335617	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	10.760304	1 Cum
iii)	<b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b>	0.96	21.520608	1 Cum.
3	<b>Concrete (AR0307) :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 and as per direction of Engineer-in charge.</b>	-	<b>4.08045</b>	Cum
i)	<b>BRM340 : Cement</b>	3.23	13.1798535	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	1.8362025	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	3.672405	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 - Rigid and smooth centering 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</b></p>	-	29.0655	Sqm
i)	<p><b>BRM104 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b></p>	0.00267	0.077604885	1Cum.
ii)	<p><b>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</b></p>	0.126	3.662253	1Mtr.
5	<p><b>Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm<sup>2</sup> immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</b></p>	-	2.5461	Cum

i)	<b>BRM006</b> : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	400	1018.44	1000 Nos
ii)	<b>BRM340</b> : Cement	0.672	1.7109792	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	0.712908	1 Cum
6	<b>Plastering (AR1004i) :.12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b>	-	<b>30.213</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	1.0816254	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.453195	1 Cum

7	<b>Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc comp.and as per direction of Engineer- in-charge.</b>	-	<b>10.125</b>	Sqm
i)	<b>BRM340 : Cement</b>	0.043	0.435375	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.018	0.18225	1 Cum
8	<b>Painting(AR0918a) :.Finishing wall with two coat water proofing cement paint of approved shade in the outer surface of new work(Outside) - Finishing wall with two coat water proofing cement paint of approved shade in the outer surface of new work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</b>	-	<b>40.338</b>	Sqm
i)	<b>BRM143 : Cement paint</b>	0.25	10.0845	1 Kg.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	6.4	1 Cum	931.91	5964.224
2	<b>BRM340</b>	51.335617	1 Qntl.	580.622	29806.588613774
3	<b>BRM028</b>	10.760304	1 Cum	548.19	5898.69104976

4	<b>BRM044</b>	21.520608	1 Cum.	1421.31	30587.45535648
5	<b>BRM340</b>	13.1798535	1 Qntl.	580.622	7652.512898877
6	<b>BRM028</b>	1.8362025	1 Cum	548.19	1006.587848475
7	<b>BRM056</b>	3.672405	1 Cum.	1867.93	6859.79547165
8	<b>BRM104</b>	0.077604885	1Cum.	58620.646	4549.2484914557
9	<b>BRM092</b>	3.662253	1Mtr.	276.666	1013.220888498
10	<b>BRM006</b>	1018.44	1000 Nos	5.4818	5582.884392
11	<b>BRM340</b>	1.7109792	1 Qntl.	580.622	993.4321650624
12	<b>BRM028</b>	0.712908	1 Cum	548.19	390.80903652
13	<b>BRM340</b>	1.0816254	1 Qntl.	580.622	628.0155029988
14	<b>BRM028</b>	0.453195	1 Cum	548.19	248.43696705
15	<b>BRM340</b>	0.435375	1 Qntl.	580.622	252.78830325
16	<b>BRM028</b>	0.18225	1 Cum	548.19	99.9076275
17	<b>BRM143</b>	10.0845	1 Kg.	48.25622	486.63985059
<b>Total: 102021.23846394</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	6.4	1 Cum	79.25	507.2
2	<b>BRM028</b>	10.760304	1 Cum	79.25	852.754092
3	<b>BRM044</b>	21.520608	1 Cum.	288.5	6208.695408
4	<b>BRM028</b>	1.8362025	1 Cum	79.25	145.519048125
5	<b>BRM056</b>	3.672405	1 Cum.	288.5	1059.4888425
6	<b>BRM028</b>	0.712908	1 Cum	79.25	56.497959
7	<b>BRM028</b>	0.453195	1 Cum	79.25	35.91570375
8	<b>BRM028</b>	0.18225	1 Cum	79.25	14.4433125
<b>Total: 8880.514365875</b>					

## ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 3000	Rs. 3000

2	Any Other Lumpsum @ Rs. 6753.89	Rs. 6753.89
<b>Total Addition Component Amount (in Rs.): 9753.89</b>		

**Total Net Amount (in Rs.): 199999.99766541**