

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Mayurbhanj	<b>Block</b>	Baripada	<b>Panchayat</b>	Badjode
<b>Work Code</b>	OD/365/3490/120097/390469/00014273 (Construction of Boundary wall of Banasthali High School,Badjode)						
<b>Project Category</b>	Other Infrastructure						
<b>Financial Year</b>	2024-25		<b>Execution Level</b>		Badjode, G.P		
<b>Executing Agency</b>	Panchayat Samiti, Baripada		<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>	Boundary Wall		<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>	
<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 (AR0103a1) : Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m lead and 1.5m -</b></p> <p>Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume 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 specification approved by the dept.</p>	Cum	11.7656304	319.837912	3763.0946604997
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2	<p style="text-align: center;"><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>	Cum	2.84303078928	1333.257772	3790.4928958429
3	<p style="text-align: center;"><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	2.36645904528	6088.09196022	14407.220287759

4	<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	71.06707888	247.820233074	17611.86005193
5	<p><b>Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</b></p>	Sqm	12.237926384	71.131948635833	870.50755095579

6	<p style="text-align: center;"><b>R.C.C.</b></p> <p><b>Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b></p> <p>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. complete and as per direction of Engineer-in charge. (excluding centering and shuttering)</p>	Cum	6.0422458632	6164.9212572694	37249.96996369
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7	<p style="text-align: center;"><b>Masonry Brick Work (AR0603bi) :</b></p> <p><b>Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure 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	12.0840386576	5179.231065096	62586.028407263
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8	<p style="text-align: center;"><b>Painting (AR0918cb) :</b></p> <p><b>Finishing wall two coats with weather coat with one coat waterbound Primer -</b>  Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	Sqm	12.237926384	158.48919230825	1939.579068128
9	<p><b>Plastering (AR1004) :</b></p> <p><b>Fourth Floor -</b>  12mm thick cement plaster (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.</p>	Sqm	60.66194288	190.36393052251	11547.845879769



1	<p><b>Earth Work (AR01 03a1) : Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m lead and 1.5m -</b></p> <p>Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm to 7cm</p>	11.765 6304	Cubic Meter	0.7006	8.2430 006582 4	-	-	-	-	-	-
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2	<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 & P required for the work etc. complete and as per direction of Engineer-in charge.	2.8430 307892 8	Cubic Meter	0.1236	0.3513 986055 5501	-	-	-	-	-	-
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3	<p>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</p>	2.3664 590452 8	Cubic Meter	3.9	9.2291 902765 92	-	-	0.18	0.4259 626281 504	-	-
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4	<b>Plastering (AR10 14) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</b> - 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 & P required for the work etc comp. and as per directio	71.067 07888	Square Meter	0.24	17.056 098931 2	-	-	0.16	11.370 732620 8	-	-
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5	<b>Painting (AR09 01a) : Priming one coat in inner surface with primer of approved quality over woodwork -</b> Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	12.237 926384	Square Meter	0.0537 634408 60215	0.6579 530313 9785	-	-	-	-	0.0537 634408 60215	0.6579 530313 9785
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6	<b>R.C.C. Work (AR04 04A) : 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	6.0422 458632	Cubic Meter	1.3333	8.0561 264094 046	0.0573	0.3462 206879 6136	0.1	0.6042 245863 2	-	-
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7	<b>Masonry Brick Work (AR06 03bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</b> - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure 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&P required for the	12.084 038657 6	Cubic Meter	2.82	34.076 989014 432	-	-	1.05	12.688 240590 48	0.35	4.2294 135301 6
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8	<b>Painting (AR09 18cb) : Finishing wall two coats with weather coat with one coat waterbound Primer</b> - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.( Outside )	12.237 926384	Square Meter	0.1177 634408 6022	1.4411 803199 738	-	-	-	-	0.1077 634408 6022	1.3188 010561 338
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9	<b>Plastering (AR10 04) : Fourth Floor - 12mm thick cement plaster (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.a and as per direction of Engineer-in-charge.</b>	60.661 94288	Square Meter	0.1350 610572	8.1930 661371 788	-	-	0.1575 712334	9.5585 771600 419	-	-
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10	<b>R.C.C. Work (AR04 09) : 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</b>	4.5315	Quintal	0.8	3.6252	0.044	0.1993 86	-	-	0.3	1.3594 5
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<b>Total Qty</b>	<b>90.930203383974</b>	<b>34.647737585792</b>	<b>7.5656176176917</b>	<b>0.5456066879613 6</b>
<b>Rate Per Man Day</b>	<b>452</b>	<b>552</b>	<b>602</b>	<b>502</b>
<b>Total Amount</b>	<b>41100.451929556</b>	<b>19125.551147357</b>	<b>4554.5018058504</b>	<b>273.8945573566</b>
<b>Total Labour Amount (in Rs.): 65054.399440121</b>				

## MATERIAL STATEMENT

<b>Sl.No.</b>	<b>Activity Name/Material</b>	<b>Qty/unit (B=Analysis Basic Qty/Header Unit)</b>	<b>Quantity (Meaurement Qty)</b>	<b>Unit</b>
1	<p><b>Earth Work (AR0103a1)</b>  <b>:.Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m lead and 1.5m -</b>            Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume 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 specification approved by the dept.</p>	-	<b>11.7656304</b>	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>	-	<b>2.84303078928</b>	Cum

i)	<b>BRM029</b> : Sand for filling and road blinding	1	2.84303078928	1 Cum
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.	-	<b>2.36645904528</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	5.4191912136912	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1.1359003417344	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	2.2718006834688	1 Cum.
4	<b>Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. -</b> 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 & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	<b>71.06707888</b>	Sqm

i)	<b>BRM340 : Cement</b>	0.043	3.05588439184	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.018	1.27920741984	1 Cum
5	<b>Painting(AR0901a) :.Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&amp;P required for the work complete as per direction of the Engineer-in-charge.</b>	-	<b>12.237926384</b>	Sqm
i)	<b>BRM138 : Wood Primer</b>	0.075	0.9178444788	1 Litre
6	<b>R.C.C. Work (AR0404A) :.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips - 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. complete and as per direction of Engineer-in charge. (excluding centering and shuttering)</b>	-	<b>6.0422458632</b>	Cum
i)	<b>BRM340 : Cement</b>	3.4733	20.986532556653	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	2.71901063844	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	2.175208510752	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	3.262812766128	1 Cum.
7	<b>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure 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&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	<b>12.0840386576</b>	Cum
i)	<b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	12.0840386576	1 Cum

ii)	<b>BRM340 : Cement</b>	0.672	8.1204739779072	1 Qntl.
iii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	3.383530824128	1 Cum
iv)	<b>BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %</b>	350	4229.41353016	1000 Nos
8	<b>Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer -</b> Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	<b>12.237926384</b>	Sqm
i)	<b>BRM255 : Weather Coat (I.S.I.)</b>	0.125	1.529740798	1 Ltr
ii)	<b>BRM253 : Wall cement primer (I.S.I.) Water bound</b>	0.090322580645161	1.1053610927484	1 Ltr
9	<b>Plastering (AR1004) :.Fourth Floor -</b> 12mm thick cement plaster (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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	<b>60.66194288</b>	Sqm
i)	<b>BRM340 : Cement</b>	0.0358	2.171697555104	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.9099291432	1 Cum
10	<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>	-	<b>4.5315</b>	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	3.6252	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	4.758075	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	2.84303078928	1 Cum	661.94	1881.915800656
2	<b>BRM340</b>	39.753779695195	1 Qntl.	477.477	18981.515467523
3	<b>BRM028</b>	9.4275783673424	1 Cum	668.36	6301.016277597
4	<b>BRM044</b>	2.2718006834688	1 Cum.	1726.96	3923.3089083233
5	<b>BRM138</b>	0.9178444788	1 Litre	155.56567	142.78509130032
6	<b>BRM060</b>	2.175208510752	1 Cum.	2111.71	4593.4095642401
7	<b>BRM052</b>	3.262812766128	1 Cum.	2114	6897.5861875946
8	<b>BRMMR0025</b>	12.0840386576	1 Cum	33	398.7732757008
9	<b>BRM005</b>	4229.41353016	1000 Nos	6.4531	27292.828451475
10	<b>BRM255</b>	1.529740798	1 Ltr	195.27567	298.72115925578
11	<b>BRM253</b>	1.1053610927484	1 Ltr	159.51567	176.32241530169

12	<b>BRM162</b>	3.6252	1 Kg.	90	326.268
13	<b>BRM341</b>	4.758075	1 Qntl.	5824.427	27713.060498025
<b>Total: 98927.511096993</b>					

### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	2.84303078928	1 Cum	602.25	1712.2152928439
2	<b>BRM028</b>	9.4275783673424	1 Cum	602.25	5677.759071732
3	<b>BRM044</b>	2.2718006834688	1 Cum.	551.5	1252.898076933
4	<b>BRM060</b>	2.175208510752	1 Cum.	551.5	1199.6274936797
5	<b>BRM052</b>	3.262812766128	1 Cum.	551.5	1799.4412405196
6	<b>BRM005</b>	4229.41353016	1000 Nos	0.04025	170.23389458894
<b>Total: 11812.175070297</b>					

### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1896.651853992
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 5438	Rs. 5438
<b>Total Addition Component Amount (in Rs.): 10334.651853992</b>		

**Total Net Amount (in Rs.): 199999.83725319**