

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Baripada	Gram Panchayat	Badjode

Work Code	OD/365/3490/120097/390469/00014273 (Construction of Boundary wall of Banasthali High School,Badjode)						
Project Category	Other Infrastructure						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Baripada	Proposal Date	-
Date of Commencement	10-02-2025	Date of Completion	21-06-2025
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	Boundary Wall	Project Type	New Work
Name of Executant	ASHOK KUMAR DAS		

Administrative Approval Details

Approval No.	OD/365/3490/120097/390469/00014273/AS
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Technical Sanction Details

Technical Sanction No.	OD/365/3490/120097/390469/00014273/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	200000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>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 - 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>	-	11.7656304	Cum
2	<p>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 & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	2.84303078928	Cum
i)	BRM029 : Sand for filling and road blinding	1	2.84303078928	1 Cum
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&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	2.36645904528	Cum
i)	BRM340 : Cement	2.29	5.4191912136912	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.1359003417344	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	2.2718006834688	1 Cum.
4	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 & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	71.06707888	Sqm
i)	BRM340 : Cement	0.043	3.05588439184	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.27920741984	1 Cum
5	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&P required for the work complete as per direction of the Engineer-in-charge.	-	12.237926384	Sqm
i)	BRM138 : Wood Primer	0.075	0.9178444788	1 Litre

6	<p>R.C.C. Work (AR0404A) :.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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	-	6.0422458632	Cum
i)	BRM340 : Cement	3.4733	20.986532556653	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.71901063844	1 Cum
iii)	BRM060 : 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)	BRM052 : 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	<p>Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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/cm² with dimensional tolerance ± 8 percent 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.</p>	-	12.0840386576	Cum
i)	<p>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</p>	1	12.0840386576	1 Cum
ii)	<p>BRM340 : Cement</p>	0.672	8.1204739779072	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.28	3.383530824128	1 Cum
iv)	<p>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 %</p>	350	4229.41353016	1000 Nos
8	<p>Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - 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>	-	12.237926384	Sqm
i)	<p>BRM255 : Weather Coat (I.S.I.)</p>	0.125	1.529740798	1 Ltr

ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1.1053610927484	1 Ltr
9	Plastering (AR1004) :.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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	60.66194288	Sqm
i)	BRM340 : Cement	0.0358	2.171697555104	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.9099291432	1 Cum
10	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.	-	4.5315	Qntl
i)	BRM162 : Binding Wire.	0.8	3.6252	1 Kg.
ii)	BRM341 : Steel	1.05	4.758075	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	2.84303078928	1 Cum	661.94	1881.915800656
2	BRM340	39.753779695195	1 Qntl.	477.477	18981.515467523
3	BRM028	9.4275783673424	1 Cum	668.36	6301.016277597
4	BRM044	2.2718006834688	1 Cum.	1726.96	3923.3089083233
5	BRM138	0.9178444788	1 Litre	155.56567	142.78509130032
6	BRM060	2.175208510752	1 Cum.	2111.71	4593.4095642401

7	BRM052	3.262812766128	1 Cum.	2114	6897.5861875946
8	BRMMR0025	12.0840386576	1 Cum	33	398.7732757008
9	BRM005	4229.41353016	1000 Nos	6.4531	27292.828451475
10	BRM255	1.529740798	1 Ltr	195.27567	298.72115925578
11	BRM253	1.1053610927484	1 Ltr	159.51567	176.32241530169
12	BRM162	3.6252	1 Kg.	90	326.268
13	BRM341	4.758075	1 Qntl.	5824.427	27713.060498025
Total: 98927.511096993					