

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Nabarangpur	<b>Block</b>	Nabarangpur	<b>Gram Panchayat</b>	Mantriguda

<b>Work Code</b>	OD/366/3517/120494/427919/00065193 (Repair and maintenance of Upper Primary School Majhiguda)						
<b>Project Category</b>	Building						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Nabarangpur	<b>Proposal Date</b>	16-10-2025
<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>	Elementary School	<b>Project Type</b>	Renovation or Rejuvenation
<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>	28365
<b>Fund Sanction Amount (in Rs.)</b>	180000

#### 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 (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	4.087	515.507232	2106.878057184
2	<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	9.527	5186.6441928	49413.159224806

3	<p style="text-align: center;"><b>Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance &amp; royalty of materials as per direction of Engineer-in- charge.</b></p>	Sqm	39	357.752968196	13952.365759644
4	<p style="text-align: center;"><b>Roofing (AR1132i) : Supplying, feeting &amp; fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting &amp; fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in- Charge</b></p>	Sqm	56.88	537.51755491832	30573.998523754

5	<p style="text-align: center;"><b>Painting (AR0918cb) :</b>  <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	39	160.72822700355	6268.4008531384
6	<p style="text-align: center;"><b>Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks</b>  - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T &amp; P required for the work etc. as per direction of Engineer-in-Charge.</p>	Qntl	3.2795	13228.517310252	43382.922518971

7	<p style="text-align: center;"><b>Masonry Brick Work (AR0603ei) : C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in- charge.</b></p>	Cum	5.8765	4796.21494064	28184.957098671
8	<p style="text-align: center;"><b>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (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	30	167.439253996	5023.17761988
<b>Total Amount (in Rs.): 178905.85965605</b>					

**LABOUR STATEMENT**

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<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.	-	4.087	Cum
	i Un-Skilled	0.1236	0.5051532	-
2	<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.	-	9.527	Cum
	i Skilled	0.18	1.71486	-
	ii Un-Skilled	3.9	37.1553	-

3	<p><b>Flooring (AR0802i) :</b>  <b>2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips</b>  - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance &amp; royalty of materials as per direction of Engineer-in-charge.</p>	-	39	Sqm
i	Un-Skilled	0.36	14.04	-
ii	Highly-Skilled	0.13	5.07	-
4	<p><b>Roofing (AR1132i) :</b>  <b>Supplying, feeting &amp; fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties</b> - Supplying, fitting &amp; fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge</p>	-	56.88	Sqm
i	Un-Skilled	0.21505376344086	12.232258064516	-
ii	Highly-Skilled	0.16129032258065	9.1741935483871	-

5	<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)	-	39	Sqm
	i Un-Skilled	0.11776344086022	4.5927741935484	-
	ii Highly-Skilled	0.10776344086022	4.2027741935484	-
6	<b>Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks -</b> Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	3.2795	Qntl
	i Un-Skilled	4.9212598425197	16.139271653543	-
	ii Semi-Skilled	1.9685039370079	6.4557086614173	-
	iii Skilled	4.4291338582677	14.5253444488189	-

7	<p><b>Masonry Brick Work (AR0603ei) : C.B.</b>  <b>Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure -</b>  Brickwork with C.B.  Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	5.8765	Cum
i	Un-Skilled	3.1	18.21715	-
ii	Skilled	1.05	6.170325	-
iii	Highly-Skilled	0.35	2.056775	-
8	<p><b>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside -</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>	-	30	Sqm
i	Un-Skilled	0.12	3.6	-

ii	Skilled	0.14	4.2	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	106.48190711161	462	49194.641085563
2	Skilled	26.610529488189	562	14955.117572362
3	Highly-Skilled	20.503742741935	612	12548.290558065
4	Semi-Skilled	6.4557086614173	512	3305.3228346457
<b>Total:</b>				<b>80003.372050635</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)</b> ∴ 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.	-	4.087	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	4.087	1 Cum

2	<p><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>	-	9.527	Cum
i)	<b>BRM340</b> : Cement	2.29	21.81683	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	4.57296	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	9.14592	1 Cum.
3	<p><b>Flooring (AR0802i)</b>  <b>:.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips</b>  - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance &amp; royalty of materials as per direction of Engineer-in-charge.</p>	-	39	Sqm
i)	<b>BRM340</b> : Cement	0.0858	3.3462	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.012	0.468	1 Cum
iii)	<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.023	0.897	1 Cum.

4	<b>Roofing (AR1132i)</b> :.Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	56.88	Sqm
i)	<b>BRM150</b> : G.C.I. Sheet 0.40mm thick	1	56.88	1 Sqm.
5	<b>Painting(AR0918cb)</b> :.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)	-	39	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	4.875	1 Ltr
ii)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	3.5225806451613	1 Ltr
6	<b>Iron Work(AR1703)</b> :.Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	3.2795	Qntl
i)	<b>BRM341</b> : Steel	1	3.2795	1 Qntl.

7	<p><b>Masonry Brick Work (AR0603ei) :C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure -</b> Brickwork with C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	5.8765	Cum
i)	<p><b>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</b></p>	1	5.8765	1 Cum
ii)	<p><b>BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.)</b> having crushing strength not less than 35 Kg./Cm<sup>2</sup> with dimensional tolerance ± 8 percent.</p>	400	2350.6	1000 Nos
iii)	<p><b>BRM340 : Cement</b></p>	0.672	3.949008	1 Qntl.
iv)	<p><b>BRM028 : Screened and washed sharp sand for mortar</b></p>	0.28	1.64542	1 Cum
8	<p><b>Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside -</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>	-	30	Sqm
i)	<p><b>BRM340 : Cement</b></p>	0.0358	1.074	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.45	1 Cum
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	4.087	1 Cum	413.05	1688.13535
2	BRM340	30.186038	1 Qntl.	591.732	17862.044637816
3	BRM028	7.13638	1 Cum	417.24	2977.5831912
4	BRM044	9.14592	1 Cum.	1336.36	12222.2416512
5	BRM056	0.897	1 Cum.	1737.73	1558.74381
6	BRM150	56.88	1 Sqm.	334.1310828	19005.375989664
7	BRM255	4.875	1 Ltr	195.09732	951.099435
8	BRM253	3.5225806451613	1 Ltr	159.33732	561.27855948387
9	BRM341	3.2795	1 Qntl.	6213.902	20378.491609
10	BRMMR0025	5.8765	1 Cum	33	193.9245
11	BRM002	2350.6	1000 Nos	4.67382	10986.281292
<b>Total: 88385.200025364</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	4.087	1 Cum	40.25	164.50175
2	BRM028	7.13638	1 Cum	40.25	287.239295
3	BRM044	9.14592	1 Cum.	149.5	1367.31504
4	BRM056	0.897	1 Cum.	149.5	134.1015
5	BRM002	2350.6	1000 Nos	0.04025	94.61165
<b>Total: 2047.769235</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 94	Rs. 94
2	Display Citizen Board @ Rs. 1000	Rs. 1000
<b>Total Addition Component Amount (in Rs.): 1094</b>		

**Total Net Amount (in Rs.): 179999.85965605**