

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Nilgiri	Gram Panchayat	Narasinghpur

Work Code	OD/346/3305/116247/393090/00074043 (Completion of sitaram school)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Nilgiri	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	Elementary School	Project Type	Completion
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	191919

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;">Masonry</p> <p>Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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>	Cum	4.610824544	5209.13236396	24018.395356692
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2	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	Cum	6.697783464384	14768.79201576	98918.170952084
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3	<p style="text-align: center;">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.</p>	Qntl	4.65	8440.5169649	39248.403886785
4	<p style="text-align: center;">Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specificaion and direction of Engineer-in- charge. (new work)</p>	Sqm	46.26011982	364.835784894	16877.34712382

5	<p style="text-align: center;">Iron Work (AR1704) : Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.</p>	Qntl	0.63	15782.828245087	9943.1817944048
Total Amount (in Rs.): 189005.49911379					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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>	-	4.610824544	Cum
	i Un-Skilled	2.96	13.64804065024	-
	ii Skilled	1.05	4.8413657712	-

	iii	Highly-Skilled	0.35	1.6137885904	-
2		R.C.C. Work (AR0404Ac) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	6.697783464384	Cum
	i	Un-Skilled	1.3333	8.9301546930632	-
	ii	Skilled	5.33875	35.75779147048	-
	iii	Semi-Skilled	5.29605	35.471796116551	-

3	<p>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.</p>	-	4.65	Qntl
i	Un-Skilled	0.8	3.72	-
ii	Highly-Skilled	0.3	1.395	-
iii	Semi-Skilled	0.044	0.2046	-
4	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (new work)</p>	-	46.26011982	Sqm

	i	Un-Skilled	0.36	16.6536431352	-
	ii	Highly-Skilled	0.1	4.626011982	-
5		Iron Work (AR1704) : Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in- charge.	-	0.63	Qntl
	i	Un-Skilled	6.3976377952756	4.0305118110236	-
	ii	Semi-Skilled	1.9685039370079	1.240157480315	-
	iii	Skilled	3.9370078740157	2.4803149606299	-
	iv	Highly-Skilled	3.4448818897638	2.1702755905512	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	46.982350289527	462	21705.845833761
2	Skilled	43.07947220231	562	24210.663377698
3	Highly-Skilled	9.8050761629512	612	6000.7066117261
4	Semi-Skilled	36.916553596866	512	18901.275441595

Total: 70818.491264781

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<p>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</p> <p>- Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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>	-	4.610824544	Cum
i)	BRM340 : Cement	0.672	3.098474093568	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.29103087232	1 Cum
iii)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 %	350	1613.7885904	1000 Nos

2	<p>R.C.C. Work (AR0404Ac) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	-	6.697783464384	Cum
i)	BRM340 : Cement	3.4733	23.263411306845	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.0140025589728	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	2.4112020471782	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	3.6168030707674	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	29.601523799192	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.2781522494924	1Cum.

3	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.	-	4.65	Qntl
i)	BRM162 : Binding Wire.	0.8	3.72	1 Kg.
ii)	BRM341 : Steel	1.05	4.8825	1 Qntl.
4	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (new work)	-	46.26011982	Sqm
i)	BRM340 : Cement	0.1208	5.588222474256	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	0.781796024958	1 Cum
iii)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	0.781796024958	1 Cum.

5	Iron Work(AR1704) :.Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	0.63	Qntl
i)	BRM341 : Steel	1	0.63	1 Qntl.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	31.950107874669	1 Qntl.	579.822	18525.375448106
2	BRM028	5.0868294562508	1 Cum	352.89	1795.0912468163
3	BRM005	1613.7885904	1000 Nos	6.59565	10643.984716272
4	BRM060	2.4112020471782	1 Cum.	2326.58	5609.8544589239
5	BRM052	3.6168030707674	1 Cum.	2290.2	8283.2023926714
6	BRM084	29.601523799192	1Mtr	250.166	7405.2948027485
7	BRM104	0.2781522494924	1Cum.	58573.086	16292.235630612
8	BRM162	3.72	1 Kg.	90	334.8
9	BRM341	5.5125	1 Qntl.	6228.632	34335.3339
10	BRM064	0.781796024958	1 Cum.	1758.11	1374.4834094389
Total: 104599.65600559					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	5.0868294562508	1 Cum	442.25	2249.6503270269
2	BRM060	2.4112020471782	1 Cum.	522.5	1259.8530696506
3	BRM052	3.6168030707674	1 Cum.	522.5	1889.7796044759
4	BRM064	0.781796024958	1 Cum.	522.5	408.48842304055
Total: 5807.771424194					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1919	Rs. 1919

2	Display Citizen Board @ Rs. 500	Rs. 500
3	Any Other Lumpsum @ Rs. 494	Rs. 494
Total Addition Component Amount (in Rs.): 2913		

Total Net Amount (in Rs.): 191918.49911379