

ESTIMATION DPR							
State	Odisha	District	Puri	Block	Brahmagiri	Gram Panchayat	Rebana Nuagaon

Work Code	OD/369/3537/120906/410008/00066236 (Maintenance of Hatia Pry School)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Brahmagiri	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Primary School Building
Project Sub-Category	Elementary School	Project Type	Repair and Maintenance
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.)	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;">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	8.4208783008	5279.577544192	44458.679979277
2	<p>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	Sqm	151.1960278636	191.7027590392	28984.69569722

3	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 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.</p>	Sqm	174.0723511	174.0654663388	30299.984970913
4	<p>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.</p>	Sqm	198.94805838	249.161323598	49570.161553213

5	<p align="center">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>	Cum	6.5826802710323	6036.28721394	39734.948753487
Total Amount (in Rs.): 193048.47095411					

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>	-	8.4208783008	Cum

	i	Un-Skilled	2.96	24.925799770368	-
	ii	Skilled	1.05	8.84192221584	-
	iii	Highly-Skilled	0.35	2.94730740528	-
2		Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	151.1960278636	Sqm
	i	Un-Skilled	0.17	25.703324736812	-
	ii	Skilled	0.14	21.167443900904	-
3		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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	174.0723511	Sqm

	i	Un-Skilled	0.12	20.888682132	-
	ii	Skilled	0.14	24.370129154	-
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.	-	198.94805838	Sqm
	i	Un-Skilled	0.24	47.7475340112	-
	ii	Skilled	0.16	31.8316893408	-
5		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.	-	6.5826802710323	Cum

i	Skilled	0.18	1.1848824487858	-
ii	Un-Skilled	3.9	25.672453057026	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	144.93779370741	462	66961.260692822
2	Skilled	87.39606706033	562	49116.589687905
3	Highly-Skilled	2.94730740528	612	1803.7521320314
Total: 117881.60251276				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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/cm ² 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.	-	8.4208783008	Cum
i)	BRM340 : Cement	0.672	5.6588302181376	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	2.357845924224	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./Cm2 with dimensional tolerance \pm 2 %	350	2947.30740528	1000 Nos
2	Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	151.1960278636	Sqm
i)	BRM340 : Cement	0.0372	5.6244922365259	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	1.133970208977	1 Cum
3	Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside - 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.	-	174.0723511	Sqm
i)	BRM340 : Cement	0.0358	6.23179016938	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	2.6110852665	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.	-	198.94805838	Sqm
i)	BRM340 : Cement	0.043	8.55476651034	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	3.58106505084	1 Cum
5	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.	-	6.5826802710323	Cum
i)	BRM340 : Cement	2.29	15.074337820664	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	3.1596865300955	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	6.319373060191	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	41.144216955047	1 Qntl.	595.407	24497.554784554
2	BRM028	12.843652980637	1 Cum	806.71	10361.103296009
3	BRM005	2947.30740528	1000 Nos	6.684	19699.802696892

4	BRM044	6.319373060191	1 Cum.	1966.51	12427.110316596
					Total: 66985.571094051

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	12.843652980637	1 Cum	75.25	966.4848867929
2	BRM044	6.319373060191	1 Cum.	170.5	1077.4531067626
					Total: 2043.9379935555

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 4451	Rs. 4451
2	Provision for Contingency @ Rs. 2000	Rs. 2000
3	Display Citizen Board @ Rs. 500	Rs. 500
		Total Addition Component Amount (in Rs.): 6951

Total Net Amount (in Rs.): 199999.47095411