

ESTIMATION DPR

State	Odisha	District	Balasore	Block	Soro	Gram Panchayat	Kesharipur
--------------	--------	-----------------	----------	--------------	------	-----------------------	------------

Work Code	OD/346/3309/275555/393702/00069719 (Repair and maintenance of S.N. High School Kesharipur)
Project Category	Building

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Soro	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Asset Management School and Mass Education Department	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	Secondary School	Project Type	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
---------------------	--

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	80000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
-----	----------------	------	----------	---------------------	----------------

1	<p>Plastering (AR1004) : First 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.</p>	Sqm	18.5806	184.264451914	3423.7440752333
2	<p>Masonry Brick Work (AR0603bi) : First floor - 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>	Cum	2.3502944	5673.02776776	13333.285393611

3	<p style="text-align: center;">Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in- charge.</p>	Sqm	7.43224	368.819489514	2741.1549627455
4	<p style="text-align: center;">Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in- charge.(Inside)</p>	Sqm	50.16762	94.7526285875	4753.5138649788
Total Amount (in Rs.): 24251.698296568					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
--------	---------------	--	------------------------------	------

1	Plastering (AR1004) : First 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.	-	18.5806	Sqm
i	Un-Skilled	0.1236	2.29656216	-
ii	Skilled	0.1442	2.67932252	-
2	Masonry Brick Work (AR0603bi) : First floor - 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 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.	-	2.3502944	Cum
i	Un-Skilled	3.404	8.0004021376	-
ii	Skilled	1.2075	2.837980488	-
iii	Highly-Skilled	0.4025	0.945993496	-

3	Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	7.43224	Sqm
i	Un-Skilled	0.36	2.6756064	-
ii	Highly-Skilled	0.13	0.9661912	-
4	Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in- charge.(Inside)	-	50.16762	Sqm
i	Highly-Skilled	0.054	2.70905148	-
ii	Un-Skilled	0.064	3.21072768	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	16.1832983776	462	7476.6838504512
2	Skilled	5.517303008	562	3100.724290496

3	Highly-Skilled	4.621236176	612	2828.196539712
				Total: 13405.604680659

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Plastering (AR1004) :.First 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.	-	18.5806	Sqm
i)	BRM340 : Cement	0.0358	0.66518548	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.278709	1 Cum
2	Masonry Brick Work (AR0603bi) :.First floor - 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.	-	2.3502944	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	2.3502944	1 Cum
ii)	BRM340 : Cement	0.672	1.5793978368	1 Qntl.

iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.658082432	1 Cum
iv)	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 \pm 2 %	350	822.60304	1000 Nos
3	Flooring (AR0802ii) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	7.43224	Sqm
i)	BRM340 : Cement	0.0858	0.637686192	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	0.08918688	1 Cum
iii)	BRM057 : 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)(Hand broken)	0.023	0.17094152	1 Cum.
4	Painting(AR0920) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	50.16762	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	6.2709525	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
--------	---------------	-----	------	------	--------

1	BRM340	2.8822695088	1 Qntl.	561.987	1619.797994442
2	BRM028	1.025978312	1 Cum	938.79	963.17817952248
3	BRMMR0025	2.3502944	1 Cum	33	77.5597152
4	BRM005	822.60304	1000 Nos	6.4484	5304.473443136
5	BRM057	0.17094152	1 Cum.	1456.21	248.9267508392
6	BRM140	6.2709525	1 Litre	249.58787	1565.1536773462
Total: 9779.0897604858					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	1.025978312	1 Cum	442.25	453.738908482
2	BRM057	0.17094152	1 Cum.	552.5	94.4451898
Total: 548.184098282					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 800	Rs. 800
2	Display Citizen Board @ Rs. 500	Rs. 500
3	Any Other Lumpsum @ Rs. 54448.3	Rs. 54448.3
Total Addition Component Amount (in Rs.): 55748.3		

Total Net Amount (in Rs.): 79999.998296568