

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Baliapal	Gram Panchayat	Kumbhari

Work Code	OD/346/3300/116110/391944/00066294 (REPAIR AND MAINTENANCE OF SN UP SCHOOL BUILDING AT KUMBHARI)
Project Category	Building

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Baliapal	Proposal Date	-
Date of Commencement	16-01-2026	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	NIMAI CHARAN KAMILA		

Administrative Approval Details

Approval No.	OD/346/3300/116110/391944/00066294/AS
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Technical Sanction Details

Technical Sanction No.	OD/346/3300/116110/391944/00066294/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	400000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	74.8	Sqm
i)	BRM340 : Cement	0.0372	2.78256	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.561	1 Cum
2	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.	-	110.74	Sqm
i)	BRM340 : Cement	0.0358	3.964492	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.6611	1 Cum
3	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.	-	109.32	Sqm
i)	BRM340 : Cement	0.043	4.70076	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.96776	1 Cum

4	R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, girder and bressmer, etc. Data for 4.2sqm	-	21.15	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.55238095238095	11.682857142857	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051904761904762	0.10977857142857	1Cum.
5	R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	82.5	Sqm
i)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.622222222222222	51.3333333333333	1Mtr
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0050222222222222	0.414333333333333	1Cum.

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>	-	12.705	Cum
i)	BRM340 : Cement	3.4733	44.1282765	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.71725	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	4.5738	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	6.8607	1 Cum.
7	<p>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>	-	74.8	Sqm

i)	BRM340 : Cement	0.0858	6.41784	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	0.8976	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	1.7204	1 Cum.
8	R.C.C. Work (AR0409) : First floor - 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.	-	13.755	Qntl
i)	BRM162 : Binding Wire.	0.8	11.004	1 Kg.
ii)	BRM341 : Steel	1.05	14.44275	1 Qntl.
9	Iron Work(AR1702) : Iron work wrought and put up in window grating including drilling holes in choukathas - Iron work wrought and put up in window grating including drilling holes in choukathas including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	2.05	Qntl
i)	BRM341 : Steel	1	2.05	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	61.9939285	1 Qntl.	567.932	35208.335800862
2	BRM028	10.80471	1 Cum	1076.79	11634.4036809
3	BRM084	63.01619047619	1Mtr	250.166	15764.508306667
4	BRM104	0.5241119047619	1Cum.	58573.086	30698.851671243
5	BRM060	4.5738	1 Cum.	2970.58	13586.838804
6	BRM052	6.8607	1 Cum.	2934.2	20130.66594

7	BRM057	1.7204	1 Cum.	2601.91	4476.325964
8	BRM162	11.004	1 Kg.	90	990.36
9	BRM341	16.49275	1 Qntl.	6264.302	103315.5668105
					Total: 235805.85697817