

ESTIMATION DPR							
State	Odisha	District	Gajapati	Block	Rayagad	Gram Panchayat	Dambala

Work Code	OD/353/3363/117548/414749/00034803 (Improvement of Govt. UP School Dambalo)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Rayagad	Proposal Date	-
Date of Commencement	19-11-2025	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	Upgradation or Improvement
Name of Executant	Janemejay Mohanta		

Administrative Approval Details

Approval No.	OD/353/3363/117548/414749/00034803/AS
---------------------	---------------------------------------

Technical Sanction Details

Technical Sanction No.	OD/353/3363/117548/414749/00034803/TS
Fund Sanction No.	3809
Fund Sanction Amount (in Rs.)	600000

LABOUR STATEMENT

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

1	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)	-	8.97475	Cum
i	Un-Skilled	1.3333	11.966034175	-
ii	Skilled	0.1	0.897475	-
iii	Semi-Skilled	0.0573	0.514253175	-

2	<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>	-	9.5	Qntl
i	Un-Skilled	0.8	7.6	-
ii	Highly-Skilled	0.3	2.85	-
iii	Semi-Skilled	0.044	0.418	-
3	<p>Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over masonry work in inside. - 20mm thick cement Plaster in CM (1:4) over stone 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>	-	40.8	Sqm
i	Un-Skilled	0.24	9.792	-

	ii	Skilled	0.16	6.528	-
4		<p>Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm 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>	-	15.9201	Cum
	i	Un-Skilled	2.96	47.123496	-
	ii	Skilled	1.05	16.716105	-
	iii	Highly-Skilled	0.35	5.572035	-
5		<p>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 centring 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, grider and bressmer, etc. Data for 4.2sqm</p>	-	30.3475	Sqm

	i	Semi-Skilled	0.6547619047619	19.870386904762	-
	ii	Skilled	0.6547619047619	19.870386904762	-
6		R.C.C. Work (AR0410e) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centring 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. Lintels Data for 7.8 sqm	-	8.004	Sqm
	i	Semi-Skilled	0.16025641025641	1.2826923076923	-
	ii	Skilled	0.16025641025641	1.2826923076923	-
7		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 centring 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	-	50.206	Sqm
	i	Semi-Skilled	0.305555555555556	15.3407222222222	-

	ii	Skilled	0.305555555555556	15.3407222222222	-
8		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.	-	81.9	Sqm
	i	Un-Skilled	0.24	19.656	-
	ii	Skilled	0.16	13.104	-
9		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.	-	86.96	Sqm
	i	Un-Skilled	0.12	10.4352	-
	ii	Skilled	0.14	12.1744	-

10	<p>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	82.3075	Sqm
i	Un-Skilled	0.216	17.77842	-
ii	Highly-Skilled	0.216	17.77842	-
11	<p>Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	-	10.41	Sqm

	i	Highly-Skilled	0.325	3.38325	-
	ii	Un-Skilled	0.325	3.38325	-
	iii	Semi-Skilled	0.76	7.9116	-
12		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.	-	0.07065	Qntl
	i	Un-Skilled	6.3976377952756	0.45199311023622	-
	ii	Semi-Skilled	1.9685039370079	0.13907480314961	-
	iii	Skilled	3.9370078740157	0.27814960629921	-
	iv	Highly-Skilled	3.4448818897638	0.24338090551181	-

13	<p>miscellaneous (ARM105) : Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge.</p>	-	7.065	Sqm
14	<p>Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	-	42.705	Sqm
i	Highly-Skilled	0.053763440860215	2.2959677419355	-
ii	Un-Skilled	0.053763440860215	2.2959677419355	-

15	<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>	-	47.85	Sqm
i	Un-Skilled	0.17	8.1345	-
ii	Skilled	0.14	6.699	-
16	<p>Other Building Items. (AR1902) : cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc. complete. and as per the direction of Engineer in Charge.</p>	-	129.75	Sqm
i	Un-Skilled	0.057	7.39575	-
ii	Skilled	0.05	6.4875	-

17	<p>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>	-	129.75	Sqm
i	Highly-Skilled	0.054	7.0065	-
ii	Un-Skilled	0.064	8.304	-
18	<p>Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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>	-	187.1125	Sqm
i	Highly-Skilled	0.052	9.72985	-
ii	Un-Skilled	0.062	11.600975	-

19	Painting (AR0917g) : Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work (Outside) - Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	192.4455	Sqm
	i Highly-Skilled	0.089763440860215	17.274570258065	-
	ii Un-Skilled	0.096763440860215	18.621688758065	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	184.53927478524	462	85257.144950779
1	Skilled	99.378431040976	562	55850.678245028
2	Semi-Skilled	45.476729412826	512	23284.085459367
3	Highly-Skilled	66.133973905512	612	40473.992030173
Total:				204865.90068535