

REVISE ESTIMATION DPR - 1

State	Odisha	District	Jagatsinghpur	Block	Jagatsinghpur	Gram Panchayat	Kaduapada
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Work Code	OD/355/3389/118124/397986/00016899 (Repair & Maintenance of Kaduapada-1 Pry. School)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Jagatsinghpur	Proposal Date	-
Date of Commencement	11-07-2025	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	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/355/3389/118124/397986/00016899/TS/RE-1
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	150000

ACTIVITY STATEMENT

SI No.	Description of work	Unit	Quantity	Rate in (Rs.)	Amount (Rs.)
1	Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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.				
i	To Be Executed	Sqm	92.22109198	167.8271077724	15477.199142616
2	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.				
i	To Be Executed	Qntl	3.08	15967.504321087	49179.913308948
3	Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)				
i	To Be Executed	Sqm	89.845097755	156.85349521701	14092.517610986
4	Painting (AR0922a) : Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)				

i	To Be Executed	Sqm	114.828108	147.82332130451	16974.272303673
5	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.				
i	To Be Executed	Sqm	52.5046414165	379.8709416724	19944.987577058
6	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.				
i	To Be Executed	Sqm	88.13893416	241.674956754	21300.973101462
7	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.				
i	To Be Executed	Sqm	23.70420045	188.4211874716	4466.3735968538
8	Painting (AR0903a) : Painting two coats of enamel paint with a coat of wood primer in inner surface paint (Inside) - Painting two coats of enamel paint with a coat of wood primer in inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)				
i	To Be Executed	Sqm	20.903175	234.31316764323	4897.8891480508
9	Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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.				
i	To Be Executed	Cum	0.0991088	4956.983546616	491.28069092486
Total Amount (in Rs.): 146825.40648057					

LABOUR STATEMENT

Sl.No.	Labour Type	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)
1	Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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.		
To Be Executed		92.22109198 Sqm	
i	Un-Skilled	0.12	11.0665310376
ii	Skilled	0.14	12.9109528772
2	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.		
To Be Executed		3.08 Qntl	
i	Un-Skilled	6.3976377952756	19.704724409449
ii	Semi-Skilled	1.9685039370079	6.0629921259843
iii	Skilled	3.9370078740157	12.125984251969
iv	Highly-Skilled	3.4448818897638	10.610236220472

3	Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)		
To Be Executed		89.845097755 Sqm	
i	Un-Skilled	0.11776344086022	10.580467856051
ii	Highly-Skilled	0.10776344086022	9.6820168785012
4	Painting (AR0922a) : Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)		
To Be Executed		114.828108 Sqm	
i	Un-Skilled	0.11576344086022	13.292896889548
ii	Highly-Skilled	0.10576344086022	12.144615809548
5	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.		
To Be Executed		52.5046414165 Sqm	
i	Un-Skilled	0.36	18.90167090994
ii	Highly-Skilled	0.13	6.825603384145
6	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.		
To Be Executed		88.13893416 Sqm	
i	Un-Skilled	0.24	21.1533441984
ii	Skilled	0.16	14.1022294656
7	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.		
To Be Executed		23.70420045 Sqm	
i	Un-Skilled	0.17	4.0297140765
ii	Skilled	0.14	3.318588063
8	Painting (AR0903a) : Painting two coats of enamel paint with a coat of wood primer in inner surface paint (Inside) - Painting two coats of enamel paint with a coat of wood primer in inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)		
To Be Executed		20.903175 Sqm	
i	Un-Skilled	0.17204301075269	3.5962451612903
ii	Highly-Skilled	0.18817204301075	3.9333931451613
9	Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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.		
To Be Executed		0.0991088 Cum	

i	Un-Skilled	2.96	0.293362048
ii	Skilled	1.05	0.10406424
iii	Highly-Skilled	0.35	0.03468808

SI.No.	Labour Type	Qty Unit	Rate	Amount
To Be Executed				
1	Un-Skilled	102.61895658678	462	47409.957943092
2	Skilled	42.561818897769	562	23919.742220546
3	Semi-Skilled	6.0629921259843	512	3104.2519685039
4	Highly-Skilled	43.230553517828	612	26457.098752911
				Total: 100891.05088505

MATERIAL STATEMENT

SI.No.	Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
0	Plastering (AR1004i) :.12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plster (1:6) over Brick work in outside 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.			
To Be Executed		92.22109198		Sqm
i	BRM340 : Cement	0.0358	3.301515092884	1 Qntl.
ii	BRM028 : Screened and washed sharp sand for mortar	0.015	1.3833163797	1 Cum
1	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.			
To Be Executed		3.08		Qntl
i	BRM341 : Steel	1	3.08	1 Qntl.
2	Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)			
To Be Executed		89.845097755		Sqm
i	BRM255 : Weather Coat (I.S.I.)	0.125	11.230637219375	1 Ltr
ii	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	7.54698821142	1 Ltr
3	Painting(AR0922a) :.Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)			
To Be Executed		114.828108		Sqm
i	BRM142 : Distemper	0.25	28.707027	1 Kg.

ii	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	9.645561072	1 Ltr
4	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.			
To Be Executed		52.5046414165		Sqm
i	BRM340 : Cement	0.0858	4.5048982335357	1 Qntl.
ii	BRM028 : Screened and washed sharp sand for mortar	0.012	0.630055696998	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	1.2076067525795	1 Cum.
5	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.			
To Be Executed		88.13893416		Sqm
i	BRM340 : Cement	0.043	3.78997416888	1 Qntl.
ii	BRM028 : Screened and washed sharp sand for mortar	0.018	1.58650081488	1 Cum
6	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.			
To Be Executed		23.70420045		Sqm
i	BRM340 : Cement	0.0372	0.88179625674	1 Qntl.
ii	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.177781503375	1 Cum
7	Painting(AR0903a) :.Painting two coats of enamel paint with a coat of wood primer in inner surface paint (Inside) - Painting two coats of enamel paint with a coat of wood primer in inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)			
To Be Executed		20.903175		Sqm
i	BRM141 : Enamel paint	0.125	2.612896875	1 Litre
ii	BRM138 : Wood Primer	0.075	1.567738125	1 Litre
8	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - 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.			
To Be Executed		0.0991088		Cum

i	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	0.0991088	1 Cum
ii	BRM340 : Cement	0.672	0.0666011136	1 Qntl.
iii	BRM028 : Screened and washed sharp sand for mortar	0.28	0.027750464	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./Cm2 with dimensional tolerance $\pm 2\%$	350	34.68808	1000 Nos

Sl.No.	Material Code	Qty	Unit	Rate	Amount
To Be Executed					
1	BRM340	12.54478486564	1 Qntl.	588.347	7380.6865413445
2	BRM028	3.805404858953	1 Cum	412.82	1570.947233873
3	BRM341	3.08	1 Qntl.	6380.867	19653.07036
4	BRM255	11.230637219375	1 Ltr	195.03787	2190.3995620096
5	BRM252	17.19254928342	1 Ltr	125.74787	2161.9264522601
6	BRM142	28.707027	1 Kg.	70.34787	2019.4782034825
7	BRM057	1.2076067525795	1 Cum.	2388.77	2884.6947823593
8	BRM141	2.612896875	1 Litre	205.58787	537.17990306091
9	BRM138	1.567738125	1 Litre	155.32787	243.51342367404
10	BRMMR0025	0.0991088	1 Cum	33	3.2705904
11	BRM005	34.68808	1000 Nos	6.00665	208.359155732
Total: 38853.526208196					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
To Be Executed					
1	BRM028	3.805404858953	1 Cum	77.25	293.96752535412
2	BRM057	1.2076067525795	1 Cum.	444.5	536.78120152159
Total: 830.74872687571					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1468.2540648057

2	Display Citizen Board @ Rs. 1500	Rs. 1500
Total Addition Component Amount (in Rs.): 2968.2540648057		

Total Net Amount (in Rs.): 149793.66054538