

ESTIMATION DPR							
State	Odisha	District	Malkangiri	Block	Chitrakonda	Gram Panchayat	Badapadar

Work Code	OD/364/3483/119985/430623/00073303 (Repair and Maintenance of Govt. Primary School at Badapadar Village)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Chitrakonda	Proposal Date	13-10-2025
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.	OD/364/3483/119985/430623/00073303/AS
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Technical Sanction Details

Technical Sanction No.	OD/364/3483/119985/430623/00073303/TS
Fund Sanction No.	27871
Fund Sanction Amount (in Rs.)	150000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Dismantling (AR1613) : Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	Sqm	273.714	50.174193548387	37543.836991225

2	<p>Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.</p>	Sqm	273.714	203.543993464	37543.836991225
3	<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>	Sqm	273.714	94.7826508375	37543.836991225

4	<p>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	2.376	6590.0513229	37543.836991225
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5	<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>	Sqm	23.76	1580.127819496	37543.836991225
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Total Amount (in Rs.): 148591.35726568

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Dismantling (AR1613) : Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	273.714	Sqm

	i	Un-Skilled	0.10752688172043	29.431612903226	-
2		Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in- charge.	-	273.714	Sqm
	i	Un-Skilled	0.11	30.10854	-
	ii	Skilled	0.15	41.0571	-
3		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)	-	273.714	Sqm
	i	Highly-Skilled	0.054	14.780556	-

	ii	Un-Skilled	0.064	17.517696	-
4		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.	-	2.376	Cum
	i	Skilled	0.18	0.42768	-
	ii	Un-Skilled	3.9	9.2664	-

5	<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>	-	23.76	Sqm
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i	Highly-Skilled	0.325	7.722	-
ii	Un-Skilled	0.325	7.722	-
iii	Semi-Skilled	0.76	18.0576	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	94.046248903226	462	43449.36699329
1	Skilled	41.48478	562	23314.44636
2	Highly-Skilled	22.502556	612	13771.564272
3	Semi-Skilled	18.0576	512	9245.4912

Total: 89780.86882529

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1613) :.Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	273.714	Sqm
2	Plastering (AR1006) :.12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.	-	273.714	Sqm
i)	BRM340 : Cement	0.0644	17.6271816	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	4.10571	1 Cum
3	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)	-	273.714	Sqm

i)	BRM140 : Plastic Emulsion paint	0.125	34.21425	1 Litre
4	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.	-	2.376	Cum
i)	BRM340 : Cement	2.29	5.44104	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.14048	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	2.28096	1 Cum.
5	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.	-	23.76	Sqm

i)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	23.76	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	23.76	1 Sqm
iii)	BRM340 : Cement	0.1375	3.267	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.3564	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	26.3352216	1 Qntl.	767.092	20201.537807587
2	BRM028	5.60259	1 Cum	678.39	3800.7410301
3	BRM140	34.21425	1 Litre	249.82567	8547.5979297975
4	BRM044	2.28096	1 Cum.	1857.16	4236.1076736
5	BRM131	23.76	1 Sqm.	688.5725021	16360.482649896
6	BRMMR0027	23.76	1 Sqm	8.5	201.96
Total: 53348.427090981					

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1613) ∴.Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	273.714	Sqm

2	Plastering (AR1006) :.12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.	-	273.714	Sqm
i)	BRM340 : Cement	0.0644	17.6271816	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	4.10571	1 Cum
3	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)	-	273.714	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	34.21425	1 Litre

4	<p>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>	-	2.376	Cum
i)	BRM340 : Cement	2.29	5.44104	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.14048	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	2.28096	1 Cum.
5	<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>	-	23.76	Sqm

i)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	23.76	1 Sqm.
ii)	BRM340 : Cement	0.1375	3.267	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.3564	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	5.60259	1 Cum	40.25	225.5042475
2	BRM044	2.28096	1 Cum.	149.5	341.00352
Total: 566.5077675					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 0.5%	Rs. 742.9567863284
2	Display Citizen Board @ Rs. 665	Rs. 665
Total Addition Component Amount (in Rs.): 1407.9567863284		

Total Net Amount (in Rs.): 149999.31405201