

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Nilgiri	Gram Panchayat	Arbandh

Work Code	OD/346/3305/116231/393257/00072255 (repair and renovation of arbandha ugup school, arbandha)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Nilgiri	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Severe Cyclonic Storm DANA 2024	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	Elementary School	Project Type	Renovation or Rejuvenation
Name of Executant			

### Administrative Approval Details

Approval No.	
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### Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	150000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;"><b>Flooring (AR0816a) :</b>  <b>Fixing Marble  Tiles in floor,  treads or steps  and landing of  minimum 16 mm  thick, dunguri  Variety Up to 0.10  Sqm Above 0.10  Sqm. to 0.40 Sqm  on a 25mm thick  bed of cement  mortar 1:1 -</b>  Fixing Marble Tiles  in floor, treads or  steps and landing  of minimum 16 mm  thick, dunguri  Variety Up to 0.10  Sqm Above 0.10  Sqm. to 0.40 Sqm  on a 25mm thick  bed of cement  mortar 1:1  (1cement: 1sand)  jointed with neat  cement slurry  mixed with pigment  to match the  shades of the  marble tiles  including rubbing  and polishing, cost  of precast tiles  complete as per  direction of  Engineer-in-charge.</p>	Sqm	55.68	1465.495623862	81598.796336636
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2	<p style="text-align: center;"><b>Flooring (AR0817aa) :</b>  <b>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) -</b>          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	4.7625	1543.442595456	7350.6453608592
3	<p style="text-align: center;"><b>Iron Work (AR1704) : Iron Doors and windows fixing -</b>          Supplying, fitting &amp; fixing of Mild steel and put up for frames &amp; shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T &amp; P required for the work etc. as per direction of Engineer-in-charge.</p>	Qntl	1.6333	15788.832695087	25787.900440886

4	<p style="text-align: center;"><b>Painting (AR0920a) :</b>  <b>Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside)</b>  - Finishing wall surface with two coats with plastic emulsion paint 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)</p>	Sqm	108.995	163.84082712101	17857.830952054
5	<p style="text-align: center;"><b>Painting (AR0918g) :</b>  <b>Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) -</b>  - Finishing wall with two coats 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)</p>	Sqm	74.485	156.95388962101	11690.710468421

6	<p align="center"><b>Painting (AR0903ik) :</b>  <b>Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . -</b>  Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)(For repair and maintenance).</p>	Sqm	19.06875	167.05321631331	3185.4960185744
<b>Total Amount (in Rs.): 147471.37957743</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p><b>Flooring (AR0816a) :</b>  <b>Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1</b>  - Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	55.68	Sqm

	i	Un-Skilled	0.216	12.02688	-
	ii	Highly-Skilled	0.216	12.02688	-
	iii	Semi-Skilled	0.55	30.624	-
2		<b>Flooring (AR0817aa)</b> <b>: 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) -</b> 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.	-	4.7625	Sqm
	i	Highly-Skilled	0.325	1.5478125	-
	ii	Un-Skilled	0.325	1.5478125	-
	iii	Semi-Skilled	0.76	3.6195	-

3	<b>Iron Work (AR1704) : Iron Doors and windows fixing -</b> 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.	-	1.6333	Qntl
i	Un-Skilled	6.3976377952756	10.449261811024	-
ii	Semi-Skilled	1.9685039370079	3.215157480315	-
iii	Skilled	3.9370078740157	6.4303149606299	-
iv	Highly-Skilled	3.4448818897638	5.6265255905512	-
4	<b>Painting (AR0920a) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) -</b> Finishing wall surface with two coats with plastic emulsion paint 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)	-	108.995	Sqm
i	Highly-Skilled	0.10776344086022	11.745676236559	-

	ii	Un-Skilled	0.11776344086022	12.835626236559	-
5		<p><b>Painting (AR0918g) :</b>  <b>Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) -</b>  Finishing wall with two coats 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)</p>	-	74.485	Sqm
	i	Un-Skilled	0.11776344086022	8.7716098924731	-
	ii	Highly-Skilled	0.10776344086022	8.0267598924731	-
6		<p><b>Painting (AR0903ik) :</b>  <b>Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . -</b>  Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)(For repair and maintenance).</p>	-	19.06875	Sqm
	i	Highly-Skilled	0.13709677419355	2.6142641129032	-

ii	Un-Skilled	0.12064516129032	2.3005524193548	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	47.931742859411	462	22144.465201048
2	Highly-Skilled	41.587918332487	612	25451.806019482
3	Semi-Skilled	37.458657480315	512	19178.832629921
4	Skilled	6.4303149606299	562	3613.837007874
<b>Total: 70388.940858325</b>				

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Flooring (AR0816a)</b> :.Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1 - Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	55.68	Sqm
i)	<b>BRM118</b> : Marble Tiles of minimum 16 mm thick, dunguri Variety (Above 0.10 Sqm. to 0.40 Sqm)	1	55.68	1 Sqm.

ii)	<b>BRMMR0027</b> : Wax Polish	1	55.68	1 Sqm
iii)	<b>BRM340</b> : Cement	0.2737	15.239616	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.72384	1 Cum
2	<b>Flooring (AR0817aa)</b> :.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.	-	<b>4.7625</b>	Sqm
i)	<b>BRM131</b> : 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	4.7625	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	4.7625	1 Sqm
iii)	<b>BRM340</b> : Cement	0.1375	0.65484375	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.0714375	1 Cum

3	<b>Iron Work(AR1704)</b> : <b>Iron Doors and windows fixing</b> - 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.	-	<b>1.6333</b>	Qntl
i)	<b>BRM341</b> : Steel	1	1.6333	1 Qntl.
4	<b>Painting(AR0920a)</b> : <b>Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside)</b> - Finishing wall surface with two coats with plastic emulsion paint 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)	-	<b>108.995</b>	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	13.624375	1 Litre
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	9.15558	1 Ltr

5	<b>Painting(AR0918g)</b> :.Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) - Finishing wall with two coats 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)	-	74.485	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	9.310625	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	6.25674	1 Ltr
6	<b>Painting(AR0903ik)</b> :.Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)(For repair and maintenance).	-	19.06875	Sqm
i)	<b>BRM141</b> : Enamel paint	0.125	2.38359375	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM118</b>	55.68	1 Sqm.	700.6422231	39011.758982208
2	<b>BRMMR0027</b>	60.4425	1 Sqm	8.5	513.76125
3	<b>BRM340</b>	15.89445975	1 Qntl.	585.767	9310.4500043783
4	<b>BRM028</b>	0.7952775	1 Cum	483.09	384.190607475
5	<b>BRM131</b>	4.7625	1 Sqm.	673.7722231	3208.8402125138
6	<b>BRM341</b>	1.6333	1 Qntl.	6234.577	10182.9346141

7	<b>BRM140</b>	13.624375	1 Litre	250.06347	3406.9584890813
8	<b>BRM252</b>	15.41232	1 Ltr	126.22347	1945.3965111504
9	<b>BRM255</b>	9.310625	1 Ltr	195.51347	1820.3526016187
10	<b>BRM141</b>	2.38359375	1 Litre	206.06347	491.17159919531
<b>Total: 70275.814871721</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM118</b>	55.68	1 Sqm.	29.44	1639.2192
2	<b>BRM028</b>	0.7952775	1 Cum	442.25	351.711474375
<b>Total: 1990.930674375</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1500	Rs. 1500
2	Display Citizen Board @ Rs. 1000	Rs. 1000
3	Any Other Lumpsum @ Rs. 28	Rs. 28
<b>Total Addition Component Amount (in Rs.): 2528</b>		

**Total Net Amount (in Rs.): 149999.37957743**