

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasore	<b>Block</b>	Khaira	<b>Gram Panchayat</b>	Goliha

<b>Work Code</b>	OD/346/3304/275595/393659/00066301 (Repair and Maintenance of Chandimata Uchha Vidya Pitha Goliha )						
<b>Project Category</b>	Building						

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Khaira	<b>Proposal Date</b>	23-12-2024
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	Asset Management School and Mass Education Department	<b>Scheme Component Name</b>	Self/Personal Deposit
<b>Project Sub-Category</b>	Secondary School	<b>Project Type</b>	Repair and Maintenance
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	248000

### 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 (AR0817adk) :</b></p> <p><b>First Floor -</b> Fixing Vitrified Tile 600mm x 1200mm size of approved shade and make (Single Charge) 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(For repair and maintenance).</p>	Sqm	6.14553345	1537.907216625	9451.2602427653
2	<p style="text-align: center;"><b>Other Building Items. (AR1901B) :</b></p> <p><b>First floor -</b> Supplying, fitting &amp; 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&amp;P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	Sqm	73.9897050667	1032.259647045	76376.586837115

3	<p><b>Plastering (AR1014) : First Floor - 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</b></p>	Sqm	92.7170453552	264.78047789	24549.663577699
4	<p><b>Plastering (AR1027) : First Floor - 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 &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</b></p>	Sqm	103.20856999684	199.671351676	20607.794675816

5	<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	4.885888	15764.814895087	77025.119918127
6	<p style="text-align: center;"><b>Other Building Items. (AR1909) : Al. door with OEL anodized Al. door section of 9202 as vertical member -</b> Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour,T&amp;P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge</p>	Sqm	3.1537967216	6754.6533798472	21302.803684906

7	<p><b>Other Building Items. (AR1902) : First Floor</b> - 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&amp;P,e tc.complete. and as per the direction of Engineer in Charge.</p>	Sqm	195.92561535204	80.8676902	15844.051964533
<b>Total Amount (in Rs.): 245157.28090096</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p><b>Flooring (AR0817adk) : First Floor</b> - Fixing Vitrified Tile 600mm x 1200mm size of approved shade and make (Single Charge) 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(For repair and maintenance).</p>	-	6.14553345	Sqm
	i Highly-Skilled	0.34775	2.1371092572375	-
	ii Un-Skilled	0.34775	2.1371092572375	-

	iii	Semi-Skilled	0.8132	4.99754780154	-
2		<b>Other Building Items. (AR1901B) :</b> <b>First floor -</b> 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)	-	73.9897050667	Sqm
	i	Un-Skilled	0.2268	16.780865109128	-
	ii	Highly-Skilled	0.2268	16.780865109128	-
3		<b>Plastering (AR1014) :</b> <b>First Floor -</b> 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.	-	92.7170453552	Sqm
	i	Un-Skilled	0.2472	22.919653611805	-
	ii	Skilled	0.1648	15.279769074537	-

4	<b>Plastering (AR1027) :</b> <b>First Floor -</b> 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.	-	103.20856999684	Sqm
i	Un-Skilled	0.1751	18.071820606447	-
ii	Skilled	0.1442	14.882675793544	-
5	<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.	-	4.885888	Qntl
i	Un-Skilled	6.3976377952756	31.258141732283	-
ii	Semi-Skilled	1.9685039370079	9.6178897637795	-
iii	Skilled	3.9370078740157	19.235779527559	-
iv	Highly-Skilled	3.4448818897638	16.831307086614	-

6	<p><b>Other Building Items. (AR1909) : Al. door with OEL anodized Al. door section of 9202 as vertical member -</b>          Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour,T&amp;P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge</p>	-	3.1537967216	Sqm
i	Un-Skilled	1.3888888888889	4.3802732244444	-
ii	Semi-Skilled	1.0648148148148	3.3582094720741	-
iii	Skilled	0.7777777777778	2.4529530056889	-
iv	Highly-Skilled	0.1944444444444	0.61323825142222	-
v		0.46296296296296	1.4600910748148	-

7	<b>Other Building Items. (AR1902) :</b> <b>First Floor -</b> 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.	-	195.92561535204	Sqm
i	Un-Skilled	0.05871	11.502792877318	-
ii	Skilled	0.0515	10.09016919063	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Highly-Skilled	36.362519704401	612	22253.862059094
2	Un-Skilled	107.05065641866	462	49457.403265422
3	Semi-Skilled	17.973647037394	512	9202.5072831455
4	Skilled	61.941346591959	562	34811.036784681
5		1.4600910748148	50	73.004553740741
<b>Total:</b>				<b>115797.81394608</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<b>Flooring (AR0817adk)</b> :.First Floor - Fixing Vitrified Tile 600mm x 1200mm size of approved shade and make (Single Charge) 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(For repair and maintenance).	-	6.14553345	Sqm
i)	<b>BRMM332</b> : Vitrified Floor Tile 600mm x 1200mm size of approved shade and make (Single Charge) (New miscellaneous Materials)	1	6.14553345	1 Sqm.
ii)	<b>BRMMR0027</b> : Wax Polish	1	6.14553345	1 Sqm
iii)	<b>CON026</b> : cement (Other way)	0.1375	0.845010849375	1000 kg
iv)	<b>BRM340</b> : Cement	0.1375	0.845010849375	1 Qntl.
v)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.09218300175	1 Cum
2	<b>Other Building Items. (AR1901B)</b> :.First floor - 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)	-	73.9897050667	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.56232175850692	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	7.9464943241636	1 Qntl.

iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1.5537838064007	1 Cum
iv)	<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 Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	73.9897050667	1 Sqm.
3	<b>Plastering (AR1014)</b> .: <b>First Floor</b> - 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.	-	<b>92.7170453552</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	3.9868329502736	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1.6689068163936	1 Cum
4	<b>Plastering (AR1027)</b> .: <b>First Floor</b> - 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.	-	<b>103.20856999684</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0372	3.8393588038824	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	0.7740642749763	1 Cum

5	<b>Iron Work(AR1704)</b> :.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.	-	<b>4.885888</b>	Qntl
i)	<b>BRM341</b> : Steel	1	4.885888	1 Qntl.
6	<b>Other Building Items. (AR1909)</b> :.Al. door with OEL anodized Al. door section of 9202 as vertical member - Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour,T&P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge	-	<b>3.1537967216</b>	Sqm
i)	<b>BRM281</b> : Prelaminated particle board (standard type) (I.S.I.) 12mm	1.1018518518519	3.4750167580593	Sqm
ii)	<b>BRMMR0008</b> : Hire charges of drills machine	0.6944444444444444	2.1901366122222	Day
iii)	<b>BRMMR0018</b> : 6-Level mortice lock	0.46296296296296	1.4600910748148	Each
iv)	<b>BRMMR0017</b> : Handle	0.92592592592593	2.9201821496296	Each
v)	<b>BRMMR0016</b> : Door Stopper	0.46296296296296	1.4600910748148	Each
vi)	<b>BRMMR0011</b> : U rubber beading	8.4675925925926	26.705065758363	Mtr
vii)	<b>BRMMR0015</b> : 4 Anodised Al. Hinges	1.8518518518519	5.8403642992593	Each

viii)	<b>BRM304</b> : Aluminium extruded section	11.821805555556	37.283571604504	kg
7	<b>Other Building Items. (AR1902) :.First Floor</b> - 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.	-	<b>195.92561535204</b>	Sqm
i)	<b>BRMMR0038</b> : Cement based putty	0.8	156.74049228163	kg

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRMM332</b>	6.14553345	1 Sqm.	611.26	3756.518776647
2	<b>BRMMR0027</b>	6.14553345	1 Sqm	8.5	52.237034325
3	<b>CON026</b>	0.845010849375	1000 kg	0	0
4	<b>BRM340</b>	16.617696927695	1 Qntl.	561.987	9338.9296433043
5	<b>BRM028</b>	4.0889378995206	1 Cum	1058.39	4327.6909834736
6	<b>BRM174</b>	0.56232175850692	1Qntl	2041.967	1148.2424742531
7	<b>BRM131</b>	73.9897050667	1 Sqm.	660.6811111	48883.600553429
8	<b>BRM341</b>	4.885888	1 Qntl.	6210.797	30345.258532736
9	<b>BRM281</b>	3.4750167580593	Sqm	710.82	2470.1114119637
10	<b>BRMMR0008</b>	2.1901366122222	Day	100	219.01366122222
11	<b>BRMMR0018</b>	1.4600910748148	Each	600	876.05464488889
12	<b>BRMMR0017</b>	2.9201821496296	Each	62.5	182.51138435185
13	<b>BRMMR0016</b>	1.4600910748148	Each	25	36.50227687037
14	<b>BRMMR0011</b>	26.705065758363	Mtr	15	400.57598637544
15	<b>BRMMR0015</b>	5.8403642992593	Each	39	227.77420767111
16	<b>BRM304</b>	37.283571604504	kg	297.97	11109.385830994
17	<b>BRMMR0038</b>	156.74049228163	kg	30	4702.214768449

**Total: 118076.62217095**

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	4.0889378995206	1 Cum	442.25	1808.332786063

Total: 1808.332786063

**ADDITION COMPONENT**

<b>Sl.No.</b>	<b>Item Name</b>	<b>Amount (in Rs.)</b>
1	Provision for Contingency @ 1%	Rs. 2451.5728090096
2	Display Citizen Board @ Rs. 391	Rs. 391
<b>Total Addition Component Amount (in Rs.): 2842.5728090096</b>		

**Total Net Amount (in Rs.): 247999.85370997**