

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Khaira	Gram Panchayat	Palasa

Work Code	OD/346/3304/116225/393599/00071613 (Repair & Maintenance of Arjunpur Govt. UP School.)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Khaira	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Asset Management School and Mass Education Department	Scheme Component Name	Self/Personal Deposit
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/346/3304/116225/393599/00071613/TS
Fund Sanction No.	1431
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;">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	5.841276125	1541.981817306	9007.1415746136
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2	<p style="text-align: center;">Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory -</p> <p>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>	Sqm	62.2635906	1026.5881479486	63919.064158684
3	<p style="text-align: center;">Painting (AR0901bi) : Priming one coat in outer surface with primer of approved quality over iron work -</p> <p>Priming one coat in outer 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>	Sqm	16.634746665	66.11573166851	1099.8184468768

4	<p style="text-align: center;">Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)</p>	Sqm	84.727536	160.71529806685	13617.01120271
5	<p style="text-align: center;">Painting (AR0921b) : Finishing wall One Coat with distemper of approved shades with one coat water bound Primer on old work (Inside) - Finishing wall surface with One Coat with distemper of approved shades above one coat waterbound Primer on old 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	127.834528	122.68977321371	15683.989249202

6	<p align="center">Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specificaion and direction of Engineer-in charge.</p>	Cum	4.29495064	8424.68245962	36183.595321742
7	<p align="center">Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - 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)</p>	Sqm	16.63428215	164.22772665202	2731.8103419828
Total Amount (in Rs.): 142242.43029581					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
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1	<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>	-	5.841276125	Sqm
i	Highly-Skilled	0.325	1.898414740625	-
ii	Un-Skilled	0.325	1.898414740625	-
iii	Semi-Skilled	0.76	4.439369855	-

2	<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>	-	62.2635906	Sqm
i	Un-Skilled	0.216	13.4489355696	-
ii	Highly-Skilled	0.216	13.4489355696	-
3	<p>Painting (AR0901bi) : Priming one coat in outer surface with primer of approved quality over iron work - Priming one coat in outer 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>	-	16.634746665	Sqm
i	Highly-Skilled	0.053763440860215	0.89434121854839	-
ii	Un-Skilled	0.053763440860215	0.89434121854839	-

4	<p>Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)</p>	-	84.727536	Sqm
	i Un-Skilled	0.11776344086022	9.9778061749677	-
	ii Highly-Skilled	0.10776344086022	9.1305308149677	-
5	<p>Painting (AR0921b) : Finishing wall One Coat with distemper of approved shades with one coat water bound Primer on old work (Inside) - Finishing wall surface with One Coat with distemper of approved shades above one coat waterbound Primer on old 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>	-	127.834528	Sqm
	i Un-Skilled	0.093763440860215	11.986205206022	-
	ii Highly-Skilled	0.086763440860215	11.091363510022	-

6	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specificaion and direction of Engineer-in charge.</p>	-	4.29495064	Cum
i	Un-Skilled	4.6	19.756772944	-
ii	Skilled	0.68	2.9205664352	-
7	<p>Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - 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)</p>	-	16.63428215	Sqm
i	Highly-Skilled	0.13440860215054	2.2357906115591	-
ii	Un-Skilled	0.11827956989247	1.967495738172	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Highly-Skilled	38.699376465322	612	23684.018396777

2	Un-Skilled	59.929971591935	462	27687.646875474
3	Semi-Skilled	4.439369855	512	2272.95736576
4	Skilled	2.9205664352	562	1641.3583365824
				Total: 55285.980974593

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<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>	-	5.841276125	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	5.841276125	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	5.841276125	1 Sqm
iii)	BRM340 : Cement	0.1375	0.8031754671875	1 Qntl.

iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.087619141875	1 Cum
2	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)	-	62.2635906	Sqm
i)	BRM174 : White Cement.	0.0076	0.47320328856	1Qntl
ii)	BRM340 : Cement	0.1074	6.68710963044	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.3075354026	1 Cum
iv)	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	62.2635906	1 Sqm.
3	Painting(AR0901bi) :.Priming one coat in outer surface with primer of approved quality over iron work - Priming one coat in outer 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.	-	16.634746665	Sqm
i)	BRM137 : Red oxide Primer	0.054	0.89827631991	1 Litre

4	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	-	84.727536	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	10.590942	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	7.6528097032258	1 Ltr
5	Painting(AR0921b) :.Finishing wall One Coat with distemper of approved shades with one coat water bound Primer on old work (Inside) - Finishing wall surface with One Coat with distemper of approved shades above one coat waterbound Primer on old 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)	-	127.834528	Sqm
i)	BRM142 : Distemper	0.166	21.220531648	1 Kg.
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	10.738100352	1 Ltr

6	Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.	-		4.29495064	Cum
i)	BRM340 : Cement	3.23		13.8726905672	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45		1.932727788	1 Cum
iii)	BRM056 : 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) (Crusher broken)	0.9		3.865455576	1 Cum.
7	Painting(AR0903i) :.Painting two coats of enamel paint in outer surface paint (outer surface) - 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)	-		16.63428215	Sqm
i)	BRM141 : Enamel paint	0.125		2.07928526875	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM131	68.104866725	1 Sqm.	665.5902781	45329.937183456
2	BRMMR0027	5.841276125	1 Sqm	8.5	49.6508470625
3	BRM340	21.362975664828	1 Qntl.	570.467	12186.872638587
4	BRM028	3.327882332475	1 Cum	1058.39	3522.1973818682

5	BRM174	0.47320328856	1Qntl	2041.967	966.265499531
6	BRM137	0.89827631991	1 Litre	142.94787	128.40668660257
7	BRM255	10.590942	1 Ltr	195.03787	2065.6347689735
8	BRM253	18.390910055226	1 Ltr	159.27787	2929.2649809579
9	BRM142	21.220531648	1 Kg.	70.34787	1492.8192017044
10	BRM056	3.865455576	1 Cum.	2206.45	8528.9344556652
11	BRM141	2.07928526875	1 Litre	205.58787	427.47582952469
Total: 77627.459473933					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	3.327882332475	1 Cum	442.25	1471.7559615371
2	BRM056	3.865455576	1 Cum.	1125.5	4350.570250788
Total: 5822.3262123251					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 0.5%	Rs. 711.21215147905
2	Display Citizen Board @ Rs. 1500	Rs. 1500
3	Any Other Lumpsum @ Rs. 5546.3	Rs. 5546.3
Total Addition Component Amount (in Rs.): 7757.512151479		

Total Net Amount (in Rs.): 149999.94244729