

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Jamda	Gram Panchayat	Jamda

Work Code	OD/365/3495/120165/387615/00069216 (Repair & Maintenance of Upper Jamda Pry school)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Jamda	Proposal Date	-
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.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	1658
Fund Sanction Amount (in Rs.)	200000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	Sqm	96.88482258	100.34838709677	9722.2356800597

2	<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>	Sqm	254.91747073	50.174193548387	12790.278515272
3	<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	5.7042442	1542.911302631	8801.1428491473

4	<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	97.96435544	1020.172762521	99940.567117814
5	<p style="text-align: center;">Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work. -</p> <p>Priming one coat in inner 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	30.100572	66.12545887751	1990.4141359755

6	<p style="text-align: center;">Painting (AR0901c) : Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces 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	252.12109043	69.00293534351	17397.095301677
7	<p style="text-align: center;">Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces 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	96.356669025	72.865877101935	7021.1132031275

8	<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	104.56325553	160.75408487694	16808.970454479
9	<p style="text-align: center;">Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.</p>	Sqm	24.15478	230.37570221703	5564.6744043979

10	<p align="center">Painting (AR0919k) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside)(For repair and maintenance). - Finishing wall One Coat with plastic emulsion paint of approved shades on old 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)(For repair and maintenance)</p>	Sqm	251.581324	62.083110765	15618.951204297
Total Amount (in Rs.): 195655.44286625					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	96.88482258	Sqm
i	Un-Skilled	0.21505376344086	20.835445716129	-

2	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.	-	254.91747073	Sqm
i	Un-Skilled	0.10752688172043	27.410480723656	-
3	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.	-	5.7042442	Sqm
i	Highly-Skilled	0.325	1.853879365	-
ii	Un-Skilled	0.325	1.853879365	-
iii	Semi-Skilled	0.76	4.335225592	-

4	<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>	-	97.96435544	Sqm
i	Un-Skilled	0.216	21.16030077504	-
ii	Highly-Skilled	0.216	21.16030077504	-
5	<p>Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner 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>	-	30.100572	Sqm
i	Highly-Skilled	0.053763440860215	1.6183103225806	-
ii	Un-Skilled	0.053763440860215	1.6183103225806	-

6	<p>Painting (AR0901c) : Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces 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>	-	252.12109043	Sqm
i	Highly-Skilled	0.053763440860215	13.554897334946	-
ii	Un-Skilled	0.053763440860215	13.554897334946	-
7	<p>Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces 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>	-	96.356669025	Sqm
i	Highly-Skilled	0.053763440860215	5.1804660766129	-
ii	Un-Skilled	0.053763440860215	5.1804660766129	-

8	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)	-	104.56325553	Sqm
i	Un-Skilled	0.11776344086022	12.313728758759	-
ii	Highly-Skilled	0.10776344086022	11.268096203459	-
9	Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	24.15478	Sqm
i	Highly-Skilled	0.18817204301075	4.5452543010753	-
ii	Un-Skilled	0.17204301075269	4.1556610752688	-

10	Painting (AR0919k) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside)(For repair and maintenance). - Finishing wall One Coat with plastic emulsion paint of approved shades on old 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)(For repair and maintenance)	-	251.581324	Sqm
i	Un-Skilled	0.04386	11.03435687064	-
ii	Highly-Skilled	0.03672	9.23806621728	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	119.11752701863	462	55032.297482608
2	Highly-Skilled	68.419270595994	612	41872.593604748
3	Semi-Skilled	4.335225592	512	2219.635503104
Total:				99124.52659046

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>Dismantling (AR1612) :.Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	96.88482258	Sqm
2	<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>	-	254.91747073	Sqm
3	<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>	-	5.7042442	Sqm
i)	<p>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)</p>	1	5.7042442	1 Sqm.

ii)	BRMMR0027 : Wax Polish	1	5.7042442	1 Sqm
iii)	BRM340 : Cement	0.1375	0.7843335775	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.085563663	1 Cum
4	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)	-	97.96435544	Sqm
i)	BRM174 : White Cement.	0.0076	0.744529101344	1Qntl
ii)	BRM340 : Cement	0.1074	10.521371774256	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	2.05725146424	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	97.96435544	1 Sqm.
5	Painting(AR0901b) :.Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner 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.	-	30.100572	Sqm

i)	BRM137 : Red oxide Primer	0.054	1.625430888	1 Litre
6	Painting(AR0901c) :.Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	252.12109043	Sqm
i)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	21.17817159612	1 Ltr
7	Painting(AR0901di) :.Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	96.356669025	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	8.7031830087097	1 Ltr
8	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)	-	104.56325553	Sqm

i)	BRM255 : Weather Coat (I.S.I.)	0.125	13.07040694125	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	9.444423080129	1 Ltr
9	Painting(AR0903b) :.Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	24.15478	Sqm
i)	BRM137 : Red oxide Primer	0.054	1.30435812	1 Litre
ii)	BRM141 : Enamel paint	0.125	3.0193475	1 Litre
10	Painting(AR0919k) :.Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside)(For repair and maintenance). - Finishing wall One Coat with plastic emulsion paint of approved shades on old 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)(For repair and maintenance)	-	251.581324	Sqm
i)	BRM140 : Plastic Emulsion paint	0.075	18.8685993	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM131	103.66859964	1 Sqm.	665.5902781	69000.812064625
2	BRMMR0027	5.7042442	1 Sqm	8.5	48.4860757
3	BRM340	11.305705351756	1 Qntl.	650.622	7355.7406273702
4	BRM028	2.14281512724	1 Cum	538.16	1153.1773888755
5	BRM174	0.744529101344	1Qntl	2059.802	1533.5825320066

6	BRM137	2.929789008	1 Litre	143.12622	419.32962611259
7	BRM252	21.17817159612	1 Ltr	125.92622	2666.8870956108
8	BRM253	18.147606088839	1 Ltr	159.45622	2893.7486689752
9	BRM255	13.07040694125	1 Ltr	195.21622	2551.5554369326
10	BRM141	3.0193475	1 Litre	205.76622	621.27972194145
11	BRM140	18.8685993	1 Litre	249.76622	4712.7387238556
Total: 92957.337962006					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	2.14281512724	1 Cum	186.25	399.09931744845
Total: 399.09931744845					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2000	Rs. 2000
2	Display Citizen Board @ Rs. 2344.55	Rs. 2344.55
Total Addition Component Amount (in Rs.): 4344.55		

Total Net Amount (in Rs.): 199999.99286625