

ESTIMATION DPR							
State	Odisha	District	Jajpur	Block	Rasulpur	Gram Panchayat	Pahanga

Work Code	OD/356/3402/118480/400629/00065277 (Repair an Maintenance of Jokadia Sub-Center)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Rasulpur	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Asset Management Health and Family Welfare Department	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	Health Sub Centre	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.	1258
Fund Sanction Amount (in Rs.)	65000

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;">Painting (AR0901dik) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces (outer surface)(For repair and maintenance) . - 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(For repair and maintenance).</p>	Sqm	80.3948	73.70308956	5925.3451445583
2	<p style="text-align: center;">Painting (AR0901dk) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)(For repair and maintenance) . - Priming one coat with inner 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(For repair and maintenance).</p>	Sqm	147.1636	72.707875226284	10699.952666651

3	<p style="text-align: center;">Painting (AR0918fk) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade 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	123.1292	88.9045467875	10946.745722307
4	<p style="text-align: center;">Painting (AR0919) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) - 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)</p>	Sqm	115.254	61.2232611525	7056.2257408702

5	<p 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	29.11545	229.57454532053	6684.1661955526
6	<p align="center">Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in-charge. (Old Work)</p>	Sqm	6.25	764.0836314498	4775.5226965613

7	<p 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	5.76	1004.1675088226	5784.0048508182
Total Amount (in Rs.): 51871.963017319					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Painting (AR0901dik) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces (outer surface)(For repair and maintenance) . -</p> <p>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(For repair and maintenance).</p>	-	80.3948	Sqm

	i	Highly-Skilled	0.054838709677419	4.4087470967742	-
	ii	Un-Skilled	0.054838709677419	4.4087470967742	-
2		Painting (AR0901dk) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)(For repair and maintenance) . - Priming one coat with inner 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(For repair and maintenance).	-	147.1636	Sqm
	i	Highly-Skilled	0.054838709677419	8.0702619354839	-
	ii	Un-Skilled	0.054838709677419	8.0702619354839	-

3	<p>Painting (AR0918fk) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade 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>	-	123.1292	Sqm
i	Un-Skilled	0.06528	8.037874176	-
ii	Highly-Skilled	0.05508	6.781956336	-
4	<p>Painting (AR0919) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) - 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)</p>	-	115.254	Sqm
i	Un-Skilled	0.043	4.955922	-
ii	Highly-Skilled	0.036	4.149144	-

5	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.	-	29.11545	Sqm
i	Highly-Skilled	0.18817204301075	5.4787137096774	-
ii	Un-Skilled	0.17204301075269	5.0091096774194	-
6	Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (Old Work)	-	6.25	Sqm
i	Un-Skilled	1.008	6.3	-
ii	Highly-Skilled	0.165	1.03125	-

7	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)	-	5.76	Sqm
i	Un-Skilled	0.216	1.24416	-
ii	Highly-Skilled	0.216	1.24416	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Highly-Skilled	31.164233077935	612	19072.510643697
2	Un-Skilled	38.026074885677	462	17568.046597183
Total:				36640.557240879

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>Painting(AR0901dik) :.Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces (outer surface)(For repair and maintenance) . - 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(For repair and maintenance).</p>	-	80.3948	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	7.2614658064516	1 Ltr
2	<p>Painting(AR0901dk) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)(For repair and maintenance) . - Priming one coat with inner 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(For repair and maintenance).</p>	-	147.1636	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	12.3617424	1 Ltr

3	<p>Painting(AR0918fk) :.Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade 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>	-	123.1292	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	15.39115	1 Ltr
4	<p>Painting(AR0919) :.Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) - 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)</p>	-	115.254	Sqm
i)	BRM140 : Plastic Emulsion paint	0.075	8.64405	1 Litre
5	<p>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>	-	29.11545	Sqm
i)	BRM137 : Red oxide Primer	0.054	1.5722343	1 Litre

ii)	BRM141 : Enamel paint	0.125	3.63943125	1 Litre
6	Concrete (AR0318) :.4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (Old Work)	-	6.25	Sqm
i)	BRM340 : Cement	0.1287	0.804375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.1125	1 Cum
iii)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	0.1125	1 Cum.
iv)	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)	0.018	0.1125	1 Cum.

7	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)	-	5.76	Sqm
i)	BRM174 : White Cement.	0.0076	0.043776	1Qntl
ii)	BRM340 : Cement	0.1074	0.618624	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.12096	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	5.76	1 Sqm.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM253	19.623208206452	1 Ltr	155.84787	3058.235201542
2	BRM255	15.39115	1 Ltr	193.24787	2974.3069543505
3	BRM140	8.64405	1 Litre	249.58787	2157.4500276735
4	BRM137	1.5722343	1 Litre	140.74787	221.28862886594
5	BRM141	3.63943125	1 Litre	200.44787	729.51624207394
6	BRM340	1.422999	1 Qntl.	568.667	809.212572333
7	BRM028	0.23346	1 Cum	417.99	97.5839454
8	BRM064	0.1125	1 Cum.	1831.71	206.067375
9	BRM056	0.1125	1 Cum.	2367.91	266.389875
10	BRM174	0.043776	1Qntl	2030.787	88.899731712
11	BRM131	5.76	1 Sqm.	660.6811111	3805.523199936
Total: 14414.473753887					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	0.23346	1 Cum	274.25	64.026405
2	BRM064	0.1125	1 Cum.	444.5	50.00625
3	BRM056	0.1125	1 Cum.	444.5	50.00625
					Total: 164.038905

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 518.71963017319
2	Display Citizen Board @ Rs. 2071	Rs. 2071
3	Any Other Lumpsum @ Rs. 10537.4	Rs. 10537.4
		Total Addition Component Amount (in Rs.): 13127.119630173

Total Net Amount (in Rs.): 64999.082647492