

ESTIMATION DPR							
State	Odisha	District	Kendujhar	Block	Kendujhar Sadar	Gram Panchayat	Raisuan

Work Code	OD/361/3452/119470/386059/00068721 (Repair & Maintenance of Raisuan PHC, Raisuan GP)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Kendujhar Sadar	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	Primary Health 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.	
Fund Sanction Amount (in Rs.)	200000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Dismantling (AR1620) : First floor - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	Sqm	190.7986350909	118.53653225806	22616.608563246

2	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)</p>	Sqm	190.7986350909	362.7753704308	69217.045522792
3	<p>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plster (1:6) over Brick work in outside 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.</p>	Sqm	98.8042821727	173.5319259608	17145.697378603

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	323.2752844531	160.72305542887	51957.791461939
5	<p style="text-align: center;">Painting (AR0903ak) : Painting two coats of enamel paint with a coat of wood primer new wood work in inner surface paint (Inside)(For repair and maintenance) . - Painting two coats of enamel paint with a coat of wood primer in new wood work inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)</p>	Sqm	15.0245054175	238.25220524129	3579.6215483791

6	<p style="text-align: center;">Masonry</p> <p>Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	1.88023552	5094.736280672	9579.3041199522
Total Amount (in Rs.): 174096.06859491					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Dismantling (AR1620) : First floor - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	190.7986350909	Sqm
i	Un-Skilled	0.25403225806452	48.469008107769	-

2	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specification and direction of Engineer-in-charge. (new work)</p>	-	190.7986350909	Sqm
i	Un-Skilled	0.36	68.687508632724	-
ii	Highly-Skilled	0.1	19.07986350909	-
3	<p>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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.</p>	-	98.8042821727	Sqm
i	Un-Skilled	0.12	11.856513860724	-
ii	Skilled	0.14	13.832599504178	-

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>	-	323.2752844531	Sqm
i	Un-Skilled	0.11776344086022	38.070009842262	-
ii	Highly-Skilled	0.10776344086022	34.837256997731	-
5	<p>Painting (AR0903ak) : Painting two coats of enamel paint with a coat of wood primer new wood work in inner surface paint (Inside)(For repair and maintenance) . - Painting two coats of enamel paint with a coat of wood primer in new wood work inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)</p>	-	15.0245054175	Sqm
i	Highly-Skilled	0.19193548387097	2.8837357172298	-
ii	Un-Skilled	0.17548387096774	2.6365583700387	-

6	<p>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	1.88023552	Cum
i	Un-Skilled	2.96	5.5654971392	-
ii	Skilled	1.05	1.974247296	-
iii	Highly-Skilled	0.35	0.658082432	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	175.28509595272	462	80981.714330155
2	Highly-Skilled	57.458938656051	612	35164.870457503
3	Skilled	15.806846800178	562	8883.4479017
Total:				125030.03268936

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	Dismantling (AR1620) : First floor - Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	190.7986350909	Sqm
2	Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specification and direction of Engineer-in charge. (new work)	-	190.7986350909	Sqm
i)	BRM340 : Cement	0.1208	23.048475118981	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	3.2244969330362	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.	0.0169	3.2244969330362	1 Cum.
3	Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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.	-	98.8042821727	Sqm

i)	BRM340 : Cement	0.0358	3.5371933017827	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.4820642325905	1 Cum
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)	-	323.2752844531	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	40.409410556638	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	29.199057950603	1 Ltr
5	Painting(AR0903ak) :.Painting two coats of enamel paint with a coat of wood primer new wood work in inner surface paint (Inside)(For repair and maintenance) . - Painting two coats of enamel paint with a coat of wood primer in new wood work inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)	-	15.0245054175	Sqm
i)	BRM141 : Enamel paint	0.125	1.8780631771875	1 Litre
ii)	BRM138 : Wood Primer	0.075	1.1268379063125	1 Litre

6	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-		1.88023552	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1		1.88023552	1 Cum
ii)	BRM340 : Cement	0.672		1.26351826944	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28		0.5264659456	1 Cum
iv)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %	350		658.082432	1000 Nos

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	27.849186690203	1 Qntl.	595.874	16594.606269838
2	BRM028	5.2330271112267	1 Cum	796.71	4169.2050297854
3	BRM064	3.2244969330362	1 Cum.	1529.83	4932.9321430668
4	BRM255	40.409410556638	1 Ltr	195.07354	7882.8067665966
5	BRM253	29.199057950603	1 Ltr	159.31354	4651.8052867756
6	BRM141	1.8780631771875	1 Litre	205.62354	386.17399883694
7	BRM138	1.1268379063125	1 Litre	155.36354	175.0695261309
8	BRMMR0025	1.88023552	1 Cum	33	62.04777216
9	BRM005	658.082432	1000 Nos	6.095	4011.01242304

Total: 42865.659216231

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	5.2330271112267	1 Cum	50.25	262.95961233914
2	BRM064	3.2244969330362	1 Cum.	424.5	1368.7989480739
Total: 1631.758560413					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 12203.93	Rs. 12203.93
2	Provision for EI Work @ Rs. 9700	Rs. 9700
3	Provision for Contingency @ Rs. 2000	Rs. 2000
4	Display Citizen Board @ Rs. 2000	Rs. 2000
Total Addition Component Amount (in Rs.): 25903.93		

Total Net Amount (in Rs.): 199999.99859491