

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Khaprakhol	Gram Panchayat	Luhasingha

Work Code	OD/345/3290/115888/420551/00048038 (REPAIR AND RESTORATION OF PHC LUHASINGHA)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Khaprakhol	Proposal Date	02-05-2025
Date of Commencement	06-11-2025	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	SURYABHANU MEHER		

Administrative Approval Details

Approval No.	OD/345/3290/115888/420551/00048038/AS
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Technical Sanction Details

Technical Sanction No.	OD/345/3290/115888/420551/00048038/TS
Fund Sanction No.	2067
Fund Sanction Amount (in Rs.)	200000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	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 specificaion and direction of Engineer-in charge. (Old Work)	Sqm	83.6127	737.4225060108	28829.006961977
2	Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)	Sqm	301.93475	156.89114311851	28829.006961977

3	Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new 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)	Sqm	241.2226395	94.775145275	28829.006961977
4	Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 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.	Sqm	119.751967	240.739318812	28829.006961977
Total Amount (in Rs.): 160719.69250724					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	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 specificaion and direction of Engineer-in charge. (Old Work)	-	83.6127	Sqm
i	Un-Skilled	1.008	84.2816016	-
ii	Highly-Skilled	0.165	13.7960955	-
2	Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)	-	301.93475	Sqm
i	Un-Skilled	0.11776344086022	35.556875075269	-
ii	Highly-Skilled	0.10776344086022	32.537527575269	-

3	Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new 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)	-	241.2226395	Sqm
i	Highly-Skilled	0.054	13.026022533	-
ii	Un-Skilled	0.064	15.438248928	-
4	Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 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.	-	119.751967	Sqm
i	Un-Skilled	0.24	28.74047208	-
ii	Skilled	0.16	19.16031472	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
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0	Un-Skilled	164.01719768327	462	75775.94532967
1	Highly-Skilled	59.359645608269	612	36328.103112261
2	Skilled	19.16031472	562	10768.09687264
Total: 122872.14531457				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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 specificaion and direction of Engineer-in charge. (Old Work)	-	83.6127	Sqm
i)	BRM340 : Cement	0.1287	10.76095449	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.5050286	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	1.5050286	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	1.5050286	1 Cum.

2	Painting(AR0918ca) ∴Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)	-	301.93475	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	37.74184375	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	25.362519	1 Ltr
3	Painting(AR0920) ∴Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new 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)	-	241.2226395	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	30.1528299375	1 Litre
4	Plastering (AR1014) ∴16mm thick cement Plaster in CM (1:6) over brick work in inside. - 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.	-	119.751967	Sqm
i)	BRM340 : Cement	0.043	5.149334581	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	2.155535406	1 Cum
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	15.910289071	1 Qntl.	584.102	9293.2316669492
2	BRM028	3.660564006	1 Cum	417.99	1530.0791488679
3	BRM064	1.5050286	1 Cum.	1451.71	2184.865068906
4	BRM056	1.5050286	1 Cum.	1998.13	3007.242796518
5	BRM255	37.74184375	1 Ltr	195.21622	7367.8200727056
6	BRM252	25.362519	1 Ltr	125.92622	3193.8061473482
7	BRM140	30.1528299375	1 Litre	249.76622	7531.1583557922
Total: 34108.203257087					

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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 specificaion and direction of Engineer-in charge. (Old Work)	-	83.6127	Sqm
i)	BRM340 : Cement	0.1287	10.76095449	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.5050286	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	1.5050286	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	1.5050286	1 Cum.
2	Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)	-	301.93475	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	37.74184375	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	25.362519	1 Ltr
3	Painting(AR0920) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new 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)	-	241.2226395	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	30.1528299375	1 Litre

4	Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 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.	-	119.751967	Sqm
i)	BRM340 : Cement	0.043	5.149334581	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	2.155535406	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	3.660564006	1 Cum	40.25	147.3377012415
2	BRM064	1.5050286	1 Cum.	149.5	225.0017757
3	BRM056	1.5050286	1 Cum.	149.5	225.0017757
					Total: 597.3412526415

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1607.1969250724
2	Display Citizen Board @ Rs. 2000	Rs. 2000
3	Any Other Lumpsum @ Rs. 35673	Rs. 35673
		Total Addition Component Amount (in Rs.): 39280.196925072

Total Net Amount (in Rs.): 199999.88943231