

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Dharamagarh	Gram Panchayat	Tipiguda

Work Code	OD/358/3410/118646/423933/00062730 (REPAIR & MAINTENANCE OF PHC, TIPIGUDA)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Dharamagarh	Proposal Date	22-10-2025
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.	5048
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	<p>Dismantling (AR1628) : Dismantling and removing old tiled flooring - Dismantling and removing old tiled flooring including removing the base coarse and stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	3.72	125.43548387097	466.62000000001
2	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	Cum	2.28	240.77592	548.9690976

3	<p style="text-align: center;">Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	1.086	629.637232	683.786033952
4	<p style="text-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	3.273	7326.71652982	23980.343202101

5	<p style="text-align: center;">Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor -</p> <p>Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	Sqm	3.72	1199.9204117968	4463.7039318841
6	<p>miscellaneous (ARM098) : Fabricated iron works (Labour only). (Iron works) and as directed by Engineer-in-Charge. -</p> <p>Fabricated iron works (Labour only). (Iron works) and as directed by Engineer-in-Charge.</p>	Qntl	0.684	355.25	242.991

7	<p style="text-align: center;">Roofing (AR1132i) : Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge</p>	Sqm	41	537.71510132332	22046.319154256
8	<p style="text-align: center;">Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - 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.</p>	Sqm	407.62	71.84257680551	29284.471157462

9	<p align="center">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)</p>	Sqm	407.62	156.21073131801	63674.618299847
10	<p align="center">R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	Sqm	9	216.23489289764	1946.1140360788
Total Amount (in Rs.): 147337.93591318					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Dismantling (AR1628) : Dismantling and removing old tiled flooring - Dismantling and removing old tiled flooring including removing the base coarse and stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	3.72	Sqm
	i Un-Skilled	0.26881720430108	1	-
2	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	-	2.28	Cum
	i Un-Skilled	0.516	1.17648	-
3	<p>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	1.086	Cum

	i	Un-Skilled	0.1236	0.1342296	-
4		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.	-	3.273	Cum
	i	Un-Skilled	4.6	15.0558	-
	ii	Skilled	0.68	2.22564	-

5	<p>Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	3.72	Sqm
i	Un-Skilled	0.216	0.80352	-
ii	Highly-Skilled	0.216	0.80352	-
iii	Semi-Skilled	0.55	2.046	-
6	<p>miscellaneous (ARM098) : Fabricated iron works (Labour only). (Iron works) and as directed by Engineer-in-Charge. - Fabricated iron works (Labour only). (Iron works) and as directed by Engineer-in-Charge.</p>	-	0.684	Qntl

7		Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	41	Sqm
	i	Un-Skilled	0.21505376344086	8.8172043010753	-
	ii	Highly-Skilled	0.16129032258065	6.6129032258065	-
8		Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - 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.	-	407.62	Sqm
	i	Highly-Skilled	0.053763440860215	21.915053763441	-
	ii	Un-Skilled	0.053763440860215	21.915053763441	-

9	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)	-	407.62	Sqm
i	Un-Skilled	0.11776344086022	48.002733763441	-
ii	Highly-Skilled	0.10776344086022	43.926533763441	-
10	R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc	-	9	Sqm
i	Semi-Skilled	0.05	0.45	-
ii	Skilled	0.05	0.45	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
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1	Un-Skilled	96.905021427957	462	44770.119899716
2	Skilled	2.67564	562	1503.70968
3	Highly-Skilled	73.258010752688	612	44833.902580645
4	Semi-Skilled	2.496	512	1277.952
				Total: 92385.684160361

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1628) :.Dismantling and removing old tiled flooring - Dismantling and removing old tiled flooring including removing the base coarse and stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	3.72	Sqm
2	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	2.28	Cum

3	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	1.086	Cum
i)	BRM029 : Sand for filling and road blinding	1	1.086	1 Cum
4	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.	-	3.273	Cum
i)	BRM340 : Cement	3.23	10.57179	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.47285	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	2.9457	1 Cum.

5	<p>Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	3.72	Sqm
i)	BRMMR0027 : Wax Polish	1	3.72	1 Sqm
ii)	BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	3.72	1 Sqm.
iii)	BRM340 : Cement	0.2737	1.018164	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.04836	1 Cum
6	<p>miscellaneous(ARM098) :.Fabricated iron works (Labour only). (Iron works) and as directed by Engineer-in-Charge. - Fabricated iron works (Labour only). (Iron works) and as directed by Engineer-in-Charge.</p>	-	0.684	Qntl
i)	BRMM098 : Fabricated iron works (Labour only). (Iron works)	1	0.684	Qtl.

7	Roofing (AR1132i) :.Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	41	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	41	1 Sqm.
8	Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - 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.	-	407.62	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	34.24008	1 Ltr
9	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)	-	407.62	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	50.9525	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	34.24008	1 Ltr

10	R.C.C. Work (AR0410c) :-R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc	-	9	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.02403	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.134	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	1.086	1 Cum	413.05	448.5723
2	BRM340	11.589954	1 Qntl.	611.157	7083.281516778
3	BRM028	1.52121	1 Cum	417.99	635.8505679
4	BRM056	2.9457	1 Cum.	1672.63	4927.066191
5	BRMMR0027	3.72	1 Sqm	8.5	31.62
6	BRM130	3.72	1 Sqm.	462.9538891	1722.188467452
7	BRMM098	0.684	Qtl.	355.25	242.991
8	BRM150	41	1 Sqm.	334.3266733	13707.3936053
9	BRM253	34.24008	1 Ltr	159.39677	5457.7581565416
10	BRM255	50.9525	1 Ltr	189.86677	9674.186598425
11	BRM252	34.24008	1 Ltr	125.86677	4309.6882741416
12	BRM104	0.02403	1Cum.	58573.086	1407.51125658
13	BRM092	1.134	1Mtr.	229.106	259.806204
Total: 49907.914138118					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	1.086	1 Cum	153.25	166.4295
2	BRM028	1.52121	1 Cum	153.25	233.1254325

3	BRM056	2.9457	1 Cum.	751.5	2213.69355
					Total: 2613.2484825

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 5500	Rs. 5500
2	Provision for Contingency @ Rs. 2000	Rs. 2000
3	Display Citizen Board @ Rs. 3000	Rs. 3000
4	Any Other Lumpsum @ Rs. 42162	Rs. 42162
		Total Addition Component Amount (in Rs.): 52662

Total Net Amount (in Rs.): 199999.93591318