

## Detailed Estimate

OD/358/3410/118646/423933/00062730 : REPAIR & MAINTENANCE OF PHC, TIPIGUDA

Block : Dharamagarh, Gram Panchayat : Tipiguda

Created By:surya nath

<b>1. Dismantling (AR1628) : Dismantling and removing old tiled flooring</b>								
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	1.000	1.550	2.400	0.000	0.000	3.720	-
Total Quantity					3.72 Sqm (Sqm)		3.72 Sqm (Square Meter)	
<b>Amount</b>					<b>3.72 X 125.43548387097</b>		<b>466.62</b>	
<b>2. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Iron pilar pipe	4.000	0.300	0.300	0.500	0.000	0.180	-
ii	Drain	1.000	15.000	0.700	0.200	0.000	2.100	-
Total Quantity					2.28 cum (cum)		2.28 Cum (Cubic Meter)	
<b>Amount</b>					<b>2.28 X 240.77592</b>		<b>548.97</b>	
<b>3. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Iron pilar pipe	4.000	0.300	0.300	0.100	0.000	0.036	-

ii	Drain	1.000	15.000	0.700	0.100	0.000	1.050	-
Total Quantity					1.086 cum (cum)		1.086 Cum (Cubic Meter)	
Amount					1.086 X 629.637232		683.79	
<b>4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Iron pilar pipe	4.000	0.300	0.300	0.400	0.000	0.144	-
ii	Toilet	1.000	1.550	2.400	0.075	0.000	0.279	-
iii	Drain	1.000	15.000	0.700	0.100	0.000	1.050	-
iv	Drain side wall	2.000	15.000	0.200	0.300	0.000	1.800	-
Total Quantity					3.273 cum (cum)		3.273 Cum (Cubic Meter)	
Amount					3.273 X 7326.71652982		23980.34	
<b>5. 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</b>								
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	1.000	1.550	2.400	0.000	0.000	3.720	-
Total Quantity					3.72 Sqm (Sqm)		3.72 Sqm (Square Meter)	
Amount					3.72 X 1199.9204117968		4463.70	
<b>6. miscellaneous (ARM098) : Fabricated iron works (Labour only). (Iron works) and as directed by Engineer-in-Charge.</b>								
Fabricated iron works (Labour only). (Iron works) and as directed by Engineer-in-Charge.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Iron pipe pilar	4.000	2.800	0.000	0.000	0.000	11.200	-
ii	Rafter	4.000	4.300	0.000	0.000	0.000	17.200	-
iii	Purlin	4.000	10.000	0.000	0.000	0.000	40.000	-
Total Quantity					68.4 Kg (Kilo Gram)		0.684 Qntl (Quintal)	
Amount					0.684 X 355.25		242.99	

#### 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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roofing	1.000	10.000	4.100	0.000	0.000	41.000	-
Total Quantity					41 Sqm (Sqm)		41 Sqm (Square Meter)	
Amount					41 X 537.71510132332		22046.32	

#### 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Boundary wall	2.000	1.500	1.500	0.000	0.000	4.500	-
ii		2.000	6.350	1.850	0.000	0.000	23.495	-
iii		2.000	29.700	1.850	0.000	0.000	109.890	-
iv		2.000	15.500	1.850	0.000	0.000	57.350	-
v		1.000	15.600	1.600	0.000	0.000	24.960	-
vi		2.000	11.600	2.800	0.000	0.000	64.960	-
vii		2.000	2.500	1.800	0.000	0.000	9.000	-

viii	Premises design	2.000	2.150	0.500	0.000	0.000	2.150	-
ix		1.000	12.150	0.500	0.000	0.000	6.075	-
x		1.000	15.400	0.500	0.000	0.000	7.700	-
xi		1.000	1.700	0.500	0.000	0.000	0.850	-
xii		2.000	2.150	0.500	0.000	0.000	2.150	-
xiii	Building	1.000	1.700	3.300	0.000	0.000	5.610	-
xiv		1.000	0.900	3.300	0.000	0.000	2.970	-
xv		1.000	1.550	3.300	0.000	0.000	5.115	-
xvi		1.000	1.350	3.300	0.000	0.000	4.455	-
xvii		1.000	11.000	3.500	0.000	0.000	38.500	-
xviii		1.000	9.500	4.500	0.000	0.000	42.750	-
xix		1.000	1.500	2.400	0.000	0.000	3.600	-
xx	Door	1.000	1.800	2.100	0.000	0.000	-	3.780
xxi	Door	1.000	1.200	2.100	0.000	0.000	-	2.520
xxii	Window	2.000	0.900	1.200	0.000	0.000	-	2.160
Total Quantity					407.62 Sqm (Sqm)		407.62 Sqm (Square Meter)	
Amount					407.62 X 71.84257680551		29284.47	
<b>9. Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer</b>								
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)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall surface	1.000	407.620	0.000	0.000	0.000	407.620	-
Total Quantity					407.62 Sqm (Sqm)		407.62 Sqm (Square Meter)	

<b>Amount</b>		407.62 X 156.21073131801		63674.62				
<b>10. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain side	2.000	15.000	0.000	0.300	0.000	9.000	-
Total Quantity					9 Sqm (Sqm)		9 Sqm (Square Meter)	
<b>Amount</b>		9 X 216.23489289764		1946.11				
<b>Total Amount</b>		147337.94						
<b>Addition</b>								
Provision for PH Work (+) @		5500.00						
Provision for EI Work (+) @								
Provision for Contingency (+) @		2000.00						
Display Citizen Board (+) @		3000.00						
Any Other Lumpsum (+) @		42162.00						
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>		<b>52662.00</b>						
<b>Grand Net Total Amount</b>		<b>199999.94</b>						

surya nath  
JE  
Dharamagarh Block

sarbeswar padhan  
AEE  
Dharamagarh Block

SADASIV NAYAK  
BDO  
Dharamagarh Block