

Detailed Estimate

OD/361/3452/119459/386031/00070080 : CONST. OF MARKET PINDI AT WEEKLY MARKET AT MAHADEIJODA
Block : Kendujhar Sadar, Gram Panchayat : Mahadeijoda
Created By:Kandarpa Palei

1. 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall foundation(L.Wall)	2.000	99.170	2.000	1.250	0.000	495.850	-
ii	S.wall	2.000	15.660	2.000	1.250	0.000	78.300	-
iii	Cutoff wall for Plinth protection	2.000	106.170	0.830	0.500	0.000	88.121	-
iv		2.000	22.660	0.830	0.500	0.000	18.808	-
v	inside plinth	2.000	105.340	2.670	0.330	0.000	185.630	-
vi		2.000	16.500	2.670	0.330	0.000	29.076	-
Total Quantity					895.785348 Cft (Cubic Foot)		25.365774542246 Cum (Cubic Meter)	
Amount					25.365774542246 X 240.77592		6107.47	
2. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall foundation(L.Wall)	2.000	99.170	2.000	0.330	0.000	130.904	-
ii	S.wall	2.000	15.660	2.000	0.330	0.000	20.671	-

iii	Cutoff wall for Plinth protection	2.000	106.170	0.830	0.250	0.000	44.061	-	
iv		2.000	22.660	0.830	0.250	0.000	9.404	-	
v	inside plinth	2.000	105.340	2.670	0.200	0.000	112.503	-	
vi		2.000	16.500	2.670	0.200	0.000	17.622	-	
vii	inside pindi	1.000	98.340	14.830	2.000	0.000	2916.760	-	
Total Quantity					3251.92957 Cft (Cubic Foot)		92.084239247776 Cum (Cubic Meter)		
Amount					92.084239247776 X 1053.089832		96972.98		

3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	wall foundation(L.Wall)	2.000	99.170	2.000	0.330	0.000	130.904	-	
ii	S.wall	2.000	15.660	2.000	0.330	0.000	20.671	-	
iii	Cutoff wall for Plinth protection	2.000	106.170	0.830	0.500	0.000	88.121	-	
iv		2.000	22.660	0.830	0.500	0.000	18.808	-	
v	inside plinth	2.000	105.340	3.500	0.250	0.000	184.345	-	
vi		2.000	16.500	3.500	0.250	0.000	28.875	-	
vii	inside pindi	1.000	98.340	14.830	0.330	0.000	481.266	-	
Total Quantity					952.990626 Cft (Cubic Foot)		26.985644958317 Cum (Cubic Meter)		
Amount					26.985644958317 X 6088.79042774		164309.94		

4. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall foundation(L.Wall)	2.000	99.170	1.250	0.580	0.000	143.796	-
ii	S.wall	2.000	15.660	1.250	0.580	0.000	22.707	-
iii	L.wall	2.000	99.170	0.830	2.330	0.000	383.570	-
iv	S.wall	2.000	15.660	0.830	2.330	0.000	60.570	-
Total Quantity					610.642974 Cft (Cubic Foot)		17.291454966163 Cum (Cubic Meter)	
Amount					17.291454966163 X 5242.076228032		90643.13	

5. Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips

2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	inside pindi	1.000	100.000	16.500	0.000	0.000	1650.000	-
Total Quantity					1650 Sft (Square Foot)		153.28995 Sqm (Square Meter)	
Amount					153.28995 X 379.8178664148		58222.26	

6. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	plinth protection	2.000	107.000	3.500	0.170	0.000	127.330	-

ii		2.000	16.500	3.500	0.170	0.000	19.635	-
Total Quantity					146.965 Cft (Cubic Foot)		4.161578512 Cum (Cubic Meter)	
Amount					4.161578512 X 7565.18091938		31483.09	
7. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside								
12mm thick cement plaster (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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	L.wall	2.000	100.000	0.000	2.500	0.000	500.000	-
ii	S.wall	2.000	16.500	0.000	2.500	0.000	82.500	-
Total Quantity					582.5 Sft (Square Foot)		54.1159975 Sqm (Square Meter)	
Amount					54.1159975 X 176.5140776148		9552.24	
8. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	plinth protection cutoff wall	4.000	106.170	0.000	0.420	0.000	178.366	-
ii		4.000	21.830	0.000	0.420	0.000	36.674	-
Total Quantity					215.04 Sft (Square Foot)		19.97786112 Sqm (Square Meter)	
Amount					19.97786112 X 216.23489289764		4319.91	
9. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L.wall	2.000	100.000	0.000	2.500	0.000	500.000	-
ii	S.wall	2.000	16.500	0.000	2.500	0.000	82.500	-
Total Quantity					582.5 Sft (Square Foot)		54.1159975 Sqm (Square Meter)	
Amount					54.1159975 X 160.76701381363		8700.07	

10. Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR

Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Around plinth protection cutoff wall	1.000	110.000	1.500	0.330	0.000	54.450	-
ii		2.000	24.500	1.500	0.330	0.000	24.255	-
iii	Approach road	1.000	115.000	10.000	0.330	0.000	379.500	-
Total Quantity					458.205 Cft (Cubic Foot)		12.974899344 Cum (Cubic Meter)	
Amount					12.974899344 X 978.49350467845		12695.85	
Total Amount							483006.93	

Addition

Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							4830.07	
Display Citizen Board (+) @							5000.00	

Any Other Lumpsum (+) @	101.00
Provision for survey investigation and quality control (+) @	
Total Addition	9931.07
Grand Net Total Amount	492938.00

Kandarpa Palei
JE
Kendujhar Sadar Block

Sabyasachi Pradhan
AEE
Kendujhar Sadar Block

Binod Chandra Panda
BDO
Kendujhar Sadar Block