

Detailed Estimate

**OD/361/3452/119459/386068/00070081 : CONST. OF BATHING GHAT AND DRESS CHANGING ROOM AT
MADARANGAJODI (KA) POKHARI**

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	Bed	1.000	35.000	20.000	1.000	0.000	700.000	-
ii	Side cutoff	2.000	35.000	2.500	2.000	0.000	350.000	-
iii	Bottom cutoff	1.000	15.000	1.500	1.500	0.000	33.750	-
iv	Top cutoff	1.000	15.000	1.500	1.000	0.000	22.500	-
v	Middle cutoff	3.000	15.000	1.500	1.000	0.000	67.500	-
Total Quantity						1173.75 Cft (Cubic Foot)	33.236844 Cum (Cubic Meter)	
Amount						33.236844 X 240.77592	8002.63	
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	Side cutoff	2.000	35.000	2.500	0.330	0.000	57.750	-
ii	Bottom cutoff	1.000	15.000	1.500	0.330	0.000	7.425	-
iii	Top cutoff	1.000	15.000	1.500	0.330	0.000	7.425	-
iv	Middle cutoff	3.000	15.000	1.500	0.330	0.000	22.275	-
v	Inside area	1.000	27.500	16.000	0.560	0.000	246.400	-
Total Quantity						341.275 Cft (Cubic Foot)	9.66381592 Cum (Cubic Meter)	

Amount	9.66381592 X 1053.089832	10176.87
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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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side cutoff	2.000	35.000	2.500	1.670	0.000	292.250	-
ii		2.000	35.000	2.000	1.000	0.000	140.000	-
iii	Bottom cutoff	1.000	15.000	1.500	1.170	0.000	26.325	-
iv		1.000	16.000	1.500	1.000	0.000	24.000	-
v	Top cutoff	1.000	15.000	1.500	1.670	0.000	37.575	-
vi	Middle cutoff	3.000	15.000	1.500	1.000	0.000	67.500	-
vii		3.000	16.000	1.500	1.170	0.000	84.240	-
viii	Inside area	1.000	27.500	16.000	0.500	0.000	220.000	-
ix	Step	12.000	20.000	2.500	0.330	0.000	198.000	-
x	Landing	1.000	20.000	5.000	0.410	0.000	41.000	-
xi	Side parapet wall	24.000	2.500	1.250	1.500	0.000	112.500	-
Total Quantity					1243.39 Cft (Cubic Foot)		35.208825952 Cum (Cubic Meter)	
Amount					35.208825952 X 6038.57783132		212611.24	

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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Step	12.000	17.500	2.500	0.160	0.000	84.000	-
ii	Landing	1.000	20.000	5.000	0.160	0.000	16.000	-

iii	Side parapet wall	24.000	2.500	1.250	0.160	0.000	12.000	-
Total Quantity					112 Cft (Cubic Foot)		3.1714816 Cum (Cubic Meter)	
Amount					3.1714816 X 7494.35703884		23768.22	

5. 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	Steps	12.000	20.000	0.000	0.660	0.000	158.400	-
ii	Side cutoff	4.000	35.000	0.000	1.000	0.000	140.000	-
iii	Bottom cutoff	2.000	16.000	0.000	1.000	0.000	32.000	-
iv	Top cutoff	2.000	15.000	0.000	1.050	0.000	31.500	-
v	Middle cutoff	6.000	16.000	0.000	1.170	0.000	112.320	-
vi	Side pedestal	48.000	2.500	0.000	1.500	0.000	180.000	-
Total Quantity					654.22 Sft (Square Foot)		60.77900066 Sqm (Square Meter)	
Amount					60.77900066 X 216.23489289764		13142.54	

6. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)

6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Steps	12.000	17.500	2.500	0.000	0.000	525.000	-
ii		1.000	20.000	5.000	0.000	0.000	100.000	-
iii	Steps (R)	12.000	17.500	0.000	0.660	0.000	138.600	-
iv	Side cutoff	2.000	35.000	0.000	1.000	0.000	70.000	-

v	Top cutoff	1.000	15.000	0.000	1.000	0.000	15.000	-
vi	Side pedestal	48.000	2.500	4.250	0.000	0.000	510.000	-
Total Quantity					1358.6 Sft (Square Foot)		126.2180158 Sqm (Square Meter)	
Amount					126.2180158 X 192.5036222176		24297.43	

Total Amount (A) : 291998.92

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.5000	-	5000
2	Provision for Contingency @ Rs.3000	-	3000
Additional Components Amount (F) : 8000			

Grand Total Amount (A + F) : 299998.91521749

**Kandarpa Palei
JE
Kendujhar Sadar Block**

**Sabyasachi Pradhan
AEE
Kendujhar Sadar Block**

**Binod Chandra Panda
BDO
Kendujhar Sadar Block**