

## Detailed Estimate

**OD/361/3452/119469/385956/00068316 : CONST OF BATHING GHATA OF TALA POKHARI AT TANGARANI**

**Block : Kendujhar Sadar, Gram Panchayat : Raikala**

**Created By:Ranjan Kumar Swain**

<b>1. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	2nos bathing ghat side cutoff	4.000	40.000	2.000	2.000	0.000	640.000	-
ii	bottom cutoff	2.000	14.000	2.000	2.500	0.000	140.000	-
iii	Top cut off	2.000	10.000	1.500	1.500	0.000	45.000	-
iv	Middle cutoff	2.000	10.000	1.500	1.500	0.000	45.000	-
<b>Total Quantity</b>					<b>870 Cft (Cubic Foot)</b>		<b>24.635616 Cum (Cubic Meter)</b>	
<b>Amount</b>					<b>24.635616 X 240.77592</b>		<b>5931.66</b>	
<b>2. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	2nos bathing ghat side cutoff	4.000	40.000	2.000	0.330	0.000	105.600	-
ii	bottom cutoff	2.000	14.000	2.000	0.330	0.000	18.480	-
iii	Top cut off	2.000	10.000	1.500	0.330	0.000	9.900	-
iv	Middle cutoff	2.000	10.000	1.500	0.330	0.000	9.900	-

v	inside area	2.000	28.000	10.000	0.330	0.000	184.800	-
Total Quantity					328.68 Cft (Cubic Foot)		9.307165824 Cum (Cubic Meter)	
Amount					9.307165824 X 1238.929832		11530.93	

### 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	2nos bathing ghat side cutoff	4.000	40.000	2.000	2.160	0.000	691.200	-
ii	bottom cutoff	2.000	14.000	2.000	2.660	0.000	148.960	-
iii	Top cut off	2.000	10.000	1.500	1.660	0.000	49.800	-
iv	Middle cutoff	2.000	10.000	1.500	1.660	0.000	49.800	-
v	inside area	2.000	28.000	10.000	0.330	0.000	184.800	-
vi	Steps	24.000	10.000	2.500	0.330	0.000	198.000	-
Total Quantity					1322.56 Cft (Cubic Foot)		37.450667008 Cum (Cubic Meter)	
Amount					37.450667008 X 6334.24513032		237221.71	

### 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Steps	24.000	10.000	3.000	0.160	0.000	115.200	-
Total Quantity					115.2 Cft (Cubic Foot)		3.26209536 Cum (Cubic Meter)	

<b>Amount</b>				3.26209536 X 7758.53799184			25309.09	
<b>5. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	2nos bathing ghat side cutoff	4.000	40.000	0.000	1.500	0.000	240.000	-
ii	bottom cutoff	2.000	14.000	0.000	1.660	0.000	46.480	-
iii	Top cut off	2.000	10.000	0.000	1.000	0.000	20.000	-
iv	Middle cutoff	2.000	10.000	0.000	1.000	0.000	20.000	-
v	Steps	24.000	10.000	0.000	0.660	0.000	158.400	-
Total Quantity					484.88 Sft (Square Foot)		45.04680664 Sqm (Square Meter)	
<b>Amount</b>				45.04680664 X 216.23489289764			9740.69	
<b>6. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)</b>								
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	2nos bathing ghat side cutoff	4.000	40.000	0.000	4.000	0.000	640.000	-
ii	Top cut off	2.000	10.000	0.000	3.000	0.000	60.000	-
iii	Steps	2.000	51.000	0.000	10.000	0.000	1020.000	-
Total Quantity					1720 Sft (Square Foot)		159.79316 Sqm (Square Meter)	

<b>Amount</b>	159.79316 X 193.4506911376	30912.10
<b>Total Amount</b>		320646.17
<b>Addition</b>		
Display Citizen Board (+) @		1784.80
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Provision for Contingency (+) @		3256.00
<b>Total Addition</b>		<b>5040.80</b>
<b>Grand Net Total Amount</b>		<b>325686.97</b>

**Ranjan Kumar Swain**  
**JE**  
**Kendujhar Sadar Block**

**Sabyasachi Pradhan**  
**AEE**  
**Kendujhar Sadar Block**

**Binod Chandra Panda**  
**BDO**  
**Kendujhar Sadar Block**