

Detailed Estimate

OD/367/3527/120672/406232/00013743 : MAINT. OF RAUTARAPUR TANK

Block : Nayagarh, Gram Panchayat : Laxmiprasad

Created By: Jyotishree Subudhi

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	END CUTOFF	1.000	6.100	0.600	0.750	0.000	2.745	-
ii	SIDE CUTOFF	2.000	12.000	0.600	0.600	0.000	8.640	-
Total Quantity					11.385 cum (cum)		11.385 Cum (Cubic Meter)	
Amount					11.385 X 240.77592		2741.23	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	END CUTOFF	1.000	6.100	0.600	0.150	0.000	0.549	-
ii	SIDE CUTOFF	2.000	12.000	0.600	0.150	0.000	2.160	-
iii	RAMP	1.000	12.000	6.100	0.100	0.000	7.320	-
Total Quantity					10.029 cum (cum)		10.029 Cum (Cubic Meter)	
Amount					10.029 X 780.783732		7830.48	
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	END CUTOFF	1.000	6.100	0.600	0.750	0.000	2.745	-
ii	SIDE CUTOFF	2.000	12.000	0.600	0.150	0.000	2.160	-
iii	RAMP BASE	1.000	6.100	12.000	0.100	0.000	7.320	-
Total Quantity					12.225 cum (cum)		12.225 Cum (Cubic Meter)	
Amount					12.225 X 5143.15632384		62875.09	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	RAMP BASE	1.000	12.000	6.100	0.100	0.000	7.320	-
Total Quantity					7.32 cum (cum)		7.32 Cum (Cubic Meter)	
Amount					7.32 X 6656.94939808		48728.87	

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	SIDE CUTOFF	2.000	12.000	0.000	0.200	0.000	4.800	-
ii	END CUTOFF	1.000	6.100	0.000	0.200	0.000	1.220	-
Total Quantity					6.02 Sqm (Sqm)		6.02 Sqm (Square Meter)	
Amount					6.02 X 216.23489289764		1301.73	

6. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure 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	CHANGING ROOM	4.000	3.650	0.250	1.500	0.000	5.475	-
Total Quantity					5.475 cum (cum)		5.475 Cum (Cubic Meter)	
Amount					5.475 X 4990.252794712		27321.63	

7. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.

16mm thick cement Plaster in CM (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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CHANGING ROOM	4.000	3.650	2.000	1.500	0.000	43.800	-
Total Quantity					43.8 Sqm (Sqm)		43.8 Sqm (Square Meter)	
Amount					43.8 X 243.823345328		10679.46	

8. 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	CHANGING ROOM	4.000	3.650	2.000	1.500	0.000	43.800	-
Total Quantity					43.8 Sqm (Sqm)		43.8 Sqm (Square Meter)	
Amount					43.8 X 160.71529806685		7039.33	

9. Earth Work (AR0122Bii) : Earthwork in hard soil or gravelly soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift

Earthwork in hard soil or gravelly soil within 5 Km.mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Tank Area	1.000	15.000	10.000	0.560	0.000	84.000	-
Total Quantity					84 cum (cum)		84 Cum (Cubic Meter)	
Amount					84 X 361.33930892		30352.50	
Total Amount							198870.33	
Addition								
Display Citizen Board (+) @							1129.00	
Any Other Lumpsum (+) @							0.00	
Provision for survey investigation and quality control (+) @								
Provision for Contingency (+) @								
Total Addition							1129.00	
Grand Net Total Amount							199999.33	

JE
Nayagarh Block

Chandra Sekhar Samantaray
AEE
Nayagarh Block

Aishwarya Bhuyan
BDO
Nayagarh Block