

Detailed Estimate

OD/352/3350/275111/403256/00016521 : Maintenance of Suakhaikateni Kalyan Mandap
Block : Dhenkanal Sadar, Panchayat : Suakhaikateni
Created By:DEEPAK KUMAR SAHOO

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	P.W Toilet L.W	2.000	2.750	0.450	0.600	0.000	1.485	-
ii	s.w	2.000	1.250	0.450	0.600	0.000	0.675	-
Total Quantity					2.16 cum (cum)		2.16 Cum (Cubic Meter)	
Amount					2.16 X 235.56432		508.82	
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	p.w Toilet L.W	2.000	2.750	0.450	0.100	0.000	0.248	-
ii	s.w	2.000	1.250	0.450	0.100	0.000	0.113	-
iii	Plinth Filling Varanda	1.000	18.000	1.500	0.550	0.000	14.850	-
iv	Outer Toilet	2.000	3.450	1.500	0.550	0.000	5.693	-
v	Sedi	2.000	2.700	1.800	0.550	0.000	5.346	-
vi	Front Putico	1.000	3.300	3.150	0.550	0.000	5.717	-
vii	Side Putico	2.000	2.800	2.800	0.550	0.000	8.624	-
viii	varanda	1.000	4.000	1.500	0.550	0.000	3.300	-
ix		1.000	6.000	1.500	0.550	0.000	4.950	-

x		1.000	1.400	1.500	0.550	0.000	1.155	-
Total Quantity					49.99475 cum (cum)		49.99475 Cum (Cubic Meter)	
Amount					49.99475 X 887.807372		44385.71	
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	p.w Toilet L.W	2.000	2.750	0.450	0.100	0.000	0.248	-
ii	s.w	2.000	1.250	0.450	0.100	0.000	0.113	-
Total Quantity					0.36 cum (cum)		0.36 Cum (Cubic Meter)	
Amount					0.36 X 5921.97746424		2131.91	
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/cm ² 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	p.w Toilet L.W	2.000	2.750	0.375	0.400	0.000	0.825	-
ii	s.w	2.000	1.250	0.375	0.400	0.000	0.375	-
Total Quantity					1.2 cum (cum)		1.2 Cum (Cubic Meter)	
Amount					1.2 X 5131.855978432		6158.23	
5. R.C.C. Work (AR0407Ac) : Column & Beam (including centring & shuttering)								
Column & Beam (including centring & shuttering)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column1	11.000	0.300	0.300	1.500	0.000	1.485	-
ii	Column2	8.000	0.300	0.600	1.500	0.000	2.160	-
iii	Column3	12.000	0.250	0.250	2.250	0.000	1.688	-

Total Quantity	5.3325 cum (cum)	5.3325 Cum (Cubic Meter)
Amount	5.3325 X 15234.015753986	81235.39

6. R.C.C. Work (AR0407Ab) : Plinth beam (including centering & shuttering)

Plinth beam (including centring & shuttering)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet P.W	2.000	2.750	0.250	0.250	0.000	0.344	-
ii	S.W	2.000	1.250	0.250	0.250	0.000	0.156	-
Total Quantity					0.5 cum (cum)		0.5 Cum (Cubic Meter)	
Amount					0.5 X 8035.8572418082		4017.93	

7. R.C.C. Work (AR0407Ae) : Staircase (including centring & shuttering)

Staircase (including centring & shuttering)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Step web	2.000	4.000	1.800	0.100	0.000	1.440	-
ii	landing	2.000	1.800	3.100	0.100	0.000	1.116	-
iii	step	2.000	5.500	0.275	0.175	0.000	0.529	-
Total Quantity					3.085375 cum (cum)		3.085375 Cum (Cubic Meter)	
Amount					3.085375 X 15124.777560274		46665.61	

8. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	l.w	2.000	19.900	0.250	2.250	0.000	22.388	-
ii	s.w	3.000	9.200	0.250	2.250	0.000	15.525	-
iii	P.W	1.000	4.000	0.125	2.250	0.000	1.125	-

iv	L.w	2.000	2.750	0.250	2.250	0.000	3.094	-	
v	s.w	2.000	1.250	0.250	2.250	0.000	1.406	-	
vi	outer toilet	2.000	3.950	0.250	2.150	0.000	4.246	-	
vii	outer toilet wall	4.000	1.500	0.250	2.150	0.000	3.225	-	
viii	outer wall	2.000	1.800	0.250	2.150	0.000	1.935	-	
ix	Deduction D	6.000	1.200	0.250	2.250	0.000	-	4.050	
x	D1	2.000	1.050	0.250	2.250	0.000	-	1.181	
xi	D2	4.000	0.750	0.250	2.250	0.000	-	1.688	
xii	W	4.000	1.800	0.250	1.350	0.000	-	2.430	
xiii	W1	6.000	0.900	0.250	1.350	0.000	-	1.823	
Total Quantity					41.7725 cum (cum)		41.7725 Cum (Cubic Meter)		
Amount					41.7725 X 5165.185978432		215762.73		

9. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Vertical column rod	8.000	8.000	2.250	0.000	1.580	227.520	-
ii	Ring	8.000	12.000	1.500	0.000	0.395	56.880	-
iii	Column	11.000	4.000	2.250	0.000	1.580	156.420	-
iv	Ring	11.000	12.000	1.000	0.000	0.395	52.140	-
v	Column	12.000	4.000	2.250	0.000	1.580	170.640	-
vi	Ring	12.000	12.000	1.000	0.000	0.395	56.880	-
vii	Pinth Toilet	2.000	4.000	2.750	0.000	1.580	34.760	-
viii	s.w	2.000	4.000	1.250	0.000	1.580	15.800	-

ix	ring	1.000	4.000	9.000	0.000	0.395	14.220	-
x	Stair	2.000	11.000	4.000	0.000	0.888	78.144	-
xi		2.000	30.000	1.700	0.000	0.888	90.576	-
xii		2.000	13.000	3.000	0.000	0.617	48.126	-
xiii		2.000	22.000	1.700	0.000	0.617	46.152	-
Total Quantity					1048.2576 Kg (Kilo Gram)		10.482576 Qntl (Quintal)	
Amount					10.482576 X 8693.4417103		91129.66	
Total Amount							491995.99	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							4919.96	
Display Citizen Board (+) @							3084.00	
Any Other Lumpsum (+) @								
Total Addition							8003.96	
Grand Net Total Amount							499999.95	