

Project Name :- Concrete Ramp Replacement

Location :- 136 Anson St, Peterborough, ON

Estimate Date :- 12th November 2020

Estimator :- Tesbee Consultancy

Concrete Estimate

	Description	Unit	Quantity	Unit Rate	Amount
Demolition					
1	Remove ramp foundation	L.ft	66	6.00	396.00
2	Remove Steel guardrail	L.ft	66	4.20	277.20
3	Remove Steel handrail	L.ft	43	3.00	129.00
4	Saw cut along pad slab and curb	L.ft	67	10.00	670.00
5	Saw cut along exterior wall	L.ft	47	12.50	587.50
6	Remove concrete Ramp wall complete with excavation	Sq.ft	336	3.80	1,276.80
7	Demolish Existing concrete pad slab	Sq.ft	106	3.50	371.00
8	Remove Ramp slab including concrete step landing	Sq.ft	274	3.50	959.00
9	Remove concrete Steps 8'-0" width 5 steps	Nos	1	250.00	250.00
Concrete					
Ramp foundation 6" x 20"					
10	Concrete	L.ft	66		
	Concrete	Cu.ft	55	5.70	313.50
	Formwork	Sq.ft	66	9.00	594.00
	Rebar - 15M	Lbs	306	1.80	550.80
Concrete Ramp wall					
11	Concrete	Sq.ft	336		
	Concrete	Cu.ft	168	5.70	957.60
	Formwork	Sq.ft	672	9.00	6,048.00
	Rebar - 10M	Lbs	270	1.80	486.00
Ramp Slab					
12	Concrete	Sq.ft	240		
	Concrete	Cu.ft	100	5.70	570.00
	Form work for slab edge	L.ft	50	8.00	400.00
	1/2" thick impregnated fiber board + all weather sealant on top	L.ft	47	3.90	183.30
	2" thick rigid insulation	Sq.ft	240	1.75	420.00
	8" thick compacted granular "A" base	Sq.ft	240	3.40	816.00
	Rebar - 10M	Lbs	385	1.80	693.00

Concrete Estimate

	Description	Unit	Qunantity	Unit Rate	Amount
13	Concrete pad / landing Slab	Sq.ft	106		
	Concrete	Cu.ft	44	5.70	250.80
	2" thick rigid insulation	Sq.ft	106	1.75	185.50
	8" thick compacted granular "A" base	Sq.ft	106	3.40	360.40
	Rebar - 10M	Lbs	124	1.80	223.20
14	concrete Steps 8'-0" width 5 steps	Nos	1		
	Concrete	Cu.ft	24	5.70	136.80
	2" thick rigid insulation	Sq.ft	40	1.75	70.00
	Rebar - 10M	Lbs	122	1.80	219.60
	15	concrete step landing slab	Sq.ft	48	
Concrete		Cu.ft	20	5.70	114.00
2" thick rigid insulation		Sq.ft	48	1.75	84.00
8" thick compacted granular "A" base		Sq.ft	48	3.40	163.20
Rebar - 10M		Lbs	56	1.80	100.80
16	Allow sum for connect to new concrete slab to existing with rebar dowelling	Sum	1	1,000.00	1,000.00
17	Metal work				
	1 1/2" dia Steel pipe handrail	L.ft	42	25.00	1,050.00
18	42" high Steel guardrail	L.ft	66	46.00	3,036.00
Total					23,943.00
Insurance		3%			718.29
Overhead and Profit		22%			5,267.46
Total Amount					29,928.75

Note: