

# OCULUS ESTIMATION

Project Title: Green Square Residential Development  
 Bid Date/Time/Due: 3/23/2023  
 Project Type: Open Shop/Non Union  
 Scope of Work: PLUMBING & MECHANICAL

SR #	CSI CODE	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT OF MEASUREMENT	Unit Cost Material	Unit Cost Labor	TOTAL COST	TOTAL TRADE COST
DIV.22 PLUMBING										CAD 955,960
<b>PLUMBING PIPES</b>										
<b>Water Pipes</b>										
1		1/2" Dia Cold Water Pipe	144.00	10%	158	LF	CAD 3.91	CAD 3.49	CAD 1,171.49	
2		3/4" Dia Cold Water Pipe	995.00	10%	1095	LF	CAD 5.32	CAD 5.64	CAD 12,002.62	
3		1" Dia Cold Water Pipe	145.00	10%	160	LF	CAD 8.59	CAD 6.31	CAD 2,375.91	
4		1-1/2" Dia Cold Water Pipe	52.30	10%	58	LF	CAD 13.11	CAD 8.22	CAD 1,226.83	
5		1-1/4" Dia Cold Water Pipe	55.00	10%	61	LF	CAD 13.56	CAD 7.39	CAD 1,267.29	
6		2" Dia Cold Water Pipe	107.16	10%	118	LF	CAD 21.30	CAD 10.21	CAD 3,714.21	
7		2-1/2" Dia Cold Water Pipe	204.01	10%	224	LF	CAD 33.90	CAD 12.41	CAD 10,391.98	
8		6" Dia Cold Water Pipe	167.03	10%	184	LF	CAD 48.03	CAD 16.43	CAD 11,843.03	
9		1/2" Dia Hot Water Pipe	26.00	10%	29	LF	CAD 3.91	CAD 3.49	CAD 211.52	
10		3/4" Dia Hot Water Pipe	560.00	10%	616	LF	CAD 5.32	CAD 5.64	CAD 6,755.24	
11		1" Dia Hot Water Pipe	150.00	10%	165	LF	CAD 8.59	CAD 6.31	CAD 2,457.84	
12		1-1/4" Dia Hot Water Pipe	22.00	10%	24	LF	CAD 13.56	CAD 7.39	CAD 506.92	
13		1-1/2" Dia Hot Water Pipe	75.60	10%	83	LF	CAD 13.11	CAD 8.22	CAD 1,773.39	
14		2" Dia Hot Water Pipe	197.09	10%	217	LF	CAD 21.30	CAD 10.21	CAD 6,831.30	
15		2-1/2" Dia Hot Water Pipe	64.92	10%	71	LF	CAD 33.90	CAD 12.41	CAD 3,306.98	
16		3/4" Dia Hot Water Return Pipe	319.92	10%	352	LF	CAD 5.32	CAD 5.64	CAD 3,859.21	
17		2-1/2" Dia Hot Water Return Pipe	64.90	10%	71	LF	CAD 33.90	CAD 12.41	CAD 3,305.96	
<b>Gas Pipe</b>										
18		1/2" Dia Gas Pipe	1960.00	10%	2156	LF	CAD 6.84	CAD 6.02	CAD 27,713.22	
19		3/4" Dia Gas Pipe	290.00	10%	319	LF	CAD 7.40	CAD 6.02	CAD 4,280.66	
20		1" Dia Gas Pipe	249.00	10%	274	LF	CAD 7.29	CAD 6.81	CAD 3,860.48	
21		1-1/4" Dia Gas Pipe	107.21	10%	118	LF	CAD 8.70	CAD 7.39	CAD 1,897.22	
22		1-1/2" Dia Gas Pipe	52.09	10%	57	LF	CAD 9.49	CAD 8.38	CAD 1,024.16	
23		2" Dia Gas Pipe	245.71	10%	270	LF	CAD 10.96	CAD 10.71	CAD 5,856.50	
24		2-1/2" Dia Gas Pipe	72.16	10%	79	LF	CAD 18.65	CAD 13.53	CAD 2,553.95	
<b>Sanitary Pipe</b>										
25		2" Dia Sanitary Pipe	1475.44	10%	1623	LF	CAD 13.73	CAD 13.07	CAD 43,499.31	
26		3" Dia Sanitary Pipe	550.00	10%	605	LF	CAD 24.86	CAD 14.53	CAD 23,827.93	
27		4" Dia Sanitary Pipe	2270.00	10%	2497	LF	CAD 16.72	CAD 16.06	CAD 81,862.90	
28		6" Dia Sanitary Pipe	16.08	10%	18	LF	CAD 34.47	CAD 19.92	CAD 961.96	
<b>Vent Pipe</b>										
29		1-1/2" Dia Vent Pipe	25.08	10%	28	LF	CAD 11.58	CAD 11.87	CAD 646.98	
30		2" Dia Vent Pipe	190.00	10%	209	LF	CAD 13.90	CAD 13.28	CAD 5,680.41	
31		3" Dia Vent Pipe	490.00	10%	539	LF	CAD 24.86	CAD 14.94	CAD 21,452.20	
<b>Storm Pipe</b>										
32		2" Dia Storm Pipe	27.26	10%	30	LF	CAD 13.56	CAD 13.28	CAD 804.94	
33		3" Dia Storm Pipe	1070.00	10%	1177	LF	CAD 24.86	CAD 14.94	CAD 46,844.60	
34		4" Dia Storm Pipe	240.00	10%	264	LF	CAD 16.95	CAD 15.77	CAD 8,638.08	
35		6" Dia Storm Pipe	225.00	10%	248	LF	CAD 35.03	CAD 19.92	CAD 13,600.13	
<b>Drain Pipe</b>										
36		6" Dia Drain Pipe	983.96	10%	1082	LF	CAD 35.03	CAD 19.92	CAD 59,475.58	
<b>Fire Protection Pipes</b>										
37		4" Dia Fire Protection Drain Pipe	332.81	10%	366	LF	CAD 29.38	CAD 17.02	CAD 16,984.95	
38		4" Dia Fire Protection Pipe	486.94	10%	536	LF	CAD 29.38	CAD 17.02	CAD 24,850.54	
<b>PLUMBING VALVES</b>										
39		Hose Valve	15.00	0%	15	EA	CAD 135.60	CAD 49.80	CAD 2,781.00	
40		1" Dia Pressure Reducing Valve	5.00	0%	5	EA	CAD 960.50	CAD 22.41	CAD 4,914.55	
41		1/2" Dia Balancing Valve	5.00	0%	5	EA	CAD 88.14	CAD 29.88	CAD 590.10	
42		1/2" Dia Pressure Reducing Valve	3.00	0%	3	EA	CAD 531.10	CAD 17.85	CAD 1,646.84	
43		1/2" Dia Shutoff Valve	11.00	0%	11	EA	CAD 20.34	CAD 19.51	CAD 438.30	
44		1-1/4" Dia Ball Valve	10.00	0%	10	EA	CAD 56.50	CAD 28.64	CAD 851.35	
45		1-1/4" Dia Shutoff Valve	2.00	0%	2	EA	CAD 38.99	CAD 20.75	CAD 119.47	
46		2" Dia Shutoff Valve	12.00	0%	12	EA	CAD 85.43	CAD 29.05	CAD 1,373.74	
47		3/4" Dia Shutoff Valve	58.00	0%	58	EA	CAD 28.70	CAD 19.09	CAD 2,771.94	
48		1/2" Dia Gas Shutoff Valve	56.00	0%	56	EA	CAD 20.34	CAD 19.51	CAD 2,231.32	
49		1" Dia Gas Shutoff Valve	10.00	0%	10	EA	CAD 49.04	CAD 24.90	CAD 739.42	
<b>PLUMBING FIXTURES/EQUIPMENTS</b>										
50		Cb-1, Catch Basin, Manufacturer: Langley Concrete, Model: Parkade Catch Basin, Model No: #24" Pre-Cast Concrete	10.00	0%	10	EA	CAD 514.15	CAD 119.94	CAD 6,340.85	
51		Bt-1, Suite Bath Tub, Manufacturer: Hytec, Model: Suite Bath Tub, Model No: #5686	40.00	0%	40	EA	CAD 3,002.41	CAD 211.65	CAD 128,562.40	
52		Sh-1, Suite Shower, Manufacturer: Hytec, Model: One Piece Shower, Model No: #4040N	47.00	0%	47	EA	CAD 1,230.57	CAD 294.65	CAD 71,685.34	
53		Ob-1, Outlet Box, Manufacturer: Oatey, Model: Washing Machine Box	54.00	0%	54	EA	CAD 109.61	CAD 37.35	CAD 7,935.84	
54		Fsd-2, Floor Drain, Manufacturer: Watts, Model: Elevator Pit Drain Drain, Model No: #F4-100-As	2.00	0%	2	EA	CAD 320.92	CAD 69.72	CAD 781.28	
55		Fsd-1, Floor Drain, Manufacturer: Watts, Model: General Service Drain, Model No: #Fd-100-C-Fc	14.00	0%	14	EA	CAD 320.92	CAD 69.72	CAD 5,468.96	
56		Ks-1, Suite Kitchen Sink, Manufacturer: Franke, Model: Double Bowl Sink, Model No: #Rdl2031/3	26.00	0%	26	EA	CAD 508.50	CAD 116.20	CAD 16,242.20	
57		Lv-1, Lavatory(Countertop), Manufacturer: American Standard, Model: Countertop Universal Access Lav, Model No: #0346 403	47.00	0%	47	EA	CAD 768.40	CAD 99.60	CAD 40,796.00	
58		Oi-1, Oil Interceptor, Manufacturer: Shier Products, Model: Hdpe 100 Gpm Oil Interceptor, Model No: #Zos-100	1.00	0%	1	EA	CAD 20,679.00	CAD 385.95	CAD 21,064.95	
59		Oi-2, Oil Interceptor, Manufacturer: Shier Products, Model: Hdpe 100 Gpm Oil Interceptor, Model No: #Zos-100	1.00	0%	1	EA	CAD 20,679.00	CAD 385.95	CAD 21,064.95	
60		Wc-1, Water Closet, Manufacturer: Zurn, Model: Elongated siphon Jet W.C, Model No: #Z5665-Bw1	47.00	0%	47	EA	CAD 474.60	CAD 120.35	CAD 27,962.65	
61		Clothes Washer	24.00	0%	24	EA	CAD 1,525.50	CAD 99.60	CAD 39,002.40	
62		Dish Washer	26.00	0%	26	EA	CAD 1,977.50	CAD 199.20	CAD 56,594.20	
63		Cleanout	47.00	0%	47	EA	CAD 203.40	CAD 66.40	CAD 12,680.60	
<b>PLUMBING EQUIPMENT</b>										
64		Stp-1, Pump, Manufacturer: Meyers, Model No: Me 100, Hp: 1, Rpm: 3450	1.00	0%	1	EA	CAD 2,056.60	CAD 236.55	CAD 2,293.15	
65		Stp-2, Pump, Manufacturer: Meyers, Model No: Me 100, Hp: 1, Rpm: 3450	1.00	0%	1	EA	CAD 2,056.60	CAD 236.55	CAD 2,293.15	

66	Sp-1, Pump, Manufacturer: Meyers, Model No: Me 45, Hp: 1/2, Rpm: 3450	1.00	0%	1	EA	CAD 2,056.60	CAD 236.55	CAD 2,293.15	
67	Sp-2, Pump, Manufacturer: Meyers, Model No: Me 45, Hp: 1/2, Rpm: 3450	1.00	0%	1	EA	CAD 2,056.60	CAD 236.55	CAD 2,293.15	
<b>PLUMBING DEVICES</b>									
68	Flow Switch	6.00	0%	6	EA	CAD 259.90	CAD 66.40	CAD 1,957.80	
69	Water Hammer Arrestor	10.00	0%	10	EA	CAD 62.15	CAD 24.90	CAD 870.50	
<b>DIV.23 MECHANICAL &amp; HVAC</b>									<b>CAD 530,893</b>
<b>AIR DISTRIBUTION (DUCTWORK)</b>									
<b>Round Ductwork</b>									
70	5" Dia Round Ductwork	2727.11	5%	2863	LF	CAD 7.41	CAD 6.34	CAD 39,384.10	
71	6" Dia Round Ductwork	2266.00	5%	2379	LF	CAD 8.17	CAD 6.56	CAD 35,050.47	
72	8" Dia Round Ductwork	1164.58	5%	1223	LF	CAD 9.03	CAD 7.01	CAD 19,616.48	
73	10" Dia Round Ductwork	1502.08	5%	1577	LF	CAD 10.55	CAD 9.30	CAD 31,307.44	
74	12" Dia Round Ductwork	305.83	5%	321	LF	CAD 12.06	CAD 10.33	CAD 7,187.79	
<b>Rectangular Ductwork</b>									
75	7" X 3" Rectangular Ductwork	14.92	5%	16	LF	CAD 7.65	CAD 7.39	CAD 235.63	
76	10" X 10" Rectangular Ductwork	10.00	5%	11	LF	CAD 12.69	CAD 8.47	CAD 222.14	
77	10" X 12" Rectangular Ductwork	7.57	5%	8	LF	CAD 13.44	CAD 8.47	CAD 174.09	
78	10" X 14" Rectangular Ductwork	7.02	5%	7	LF	CAD 14.43	CAD 8.84	CAD 171.52	
79	10" X 4" Rectangular Ductwork	20.00	5%	21	LF	CAD 11.53	CAD 8.95	CAD 430.08	
80	10" X 6" Rectangular Ductwork	20.00	5%	21	LF	CAD 12.54	CAD 8.95	CAD 451.44	
81	10" X 8" Rectangular Ductwork	18.00	5%	19	LF	CAD 13.21	CAD 8.95	CAD 418.85	
82	12" X 6" Rectangular Ductwork	106.93	5%	112	LF	CAD 15.19	CAD 11.71	CAD 3,020.10	
83	12" X 8" Rectangular Ductwork	142.42	5%	150	LF	CAD 15.59	CAD 12.12	CAD 4,144.14	
84	12" X 10" Rectangular Ductwork	8.19	5%	9	LF	CAD 15.96	CAD 12.12	CAD 241.42	
85	12" X 18" Rectangular Ductwork	12.99	5%	14	LF	CAD 17.82	CAD 12.12	CAD 408.34	
86	16" X 10" Rectangular Ductwork	16.02	5%	17	LF	CAD 20.20	CAD 12.45	CAD 549.28	
87	16" X 12" Rectangular Ductwork	6.38	5%	7	LF	CAD 20.34	CAD 12.78	CAD 221.88	
88	18" X 8" Rectangular Ductwork	26.13	5%	27	LF	CAD 21.73	CAD 13.55	CAD 968.18	
89	18" X 10" Rectangular Ductwork	8.74	5%	9	LF	CAD 21.73	CAD 13.55	CAD 323.80	
90	18" X 12" Rectangular Ductwork	5.73	5%	6	LF	CAD 23.96	CAD 13.55	CAD 225.68	
91	18" X 14" Rectangular Ductwork	10.25	5%	11	LF	CAD 24.52	CAD 13.55	CAD 409.78	
92	18" X 16" Rectangular Ductwork	11.11	5%	12	LF	CAD 25.00	CAD 13.55	CAD 449.70	
93	20" X 12" Rectangular Ductwork	6.25	5%	7	LF	CAD 26.22	CAD 13.55	CAD 260.99	
94	24" X 10" Rectangular Ductwork	19.83	5%	21	LF	CAD 28.76	CAD 14.29	CAD 896.25	
95	24" X 12" Rectangular Ductwork	42.86	5%	45	LF	CAD 28.76	CAD 14.29	CAD 1,937.47	
<b>AIR DEVICES</b>									
96	L-1, 12" X 12" Louver, Cfm: 267, Manufacturer: E.H. Price, Model No: K609Hp	1.00	0%	1	EA	CAD 76.73	CAD 20.34	CAD 97.06	
97	L-1, 12" X 12" Louver, Cfm: 270, Manufacturer: E.H. Price, Model No: K609Hp	2.00	0%	2	EA	CAD 76.73	CAD 20.34	CAD 194.12	
98	L-1, 12" X 24" Louver, Cfm: 450, Manufacturer: E.H. Price, Model No: K609Hp	1.00	0%	1	EA	CAD 100.57	CAD 24.90	CAD 125.47	
99	L-1, 24" X 20" Louver, Cfm: 1700, Manufacturer: E.H. Price, Model No: K609Hp	1.00	0%	1	EA	CAD 213.57	CAD 49.80	CAD 263.37	
100	L-1, 48" X 48" Louver, Cfm: 13600, Manufacturer: E.H. Price, Model No: K609Hp	1.00	0%	1	EA	CAD 422.62	CAD 68.06	CAD 490.68	
101	L-1, 36" X 80" Louver, Cfm: 6800, Manufacturer: E.H. Price, Model No: K609Hp	1.00	0%	1	EA	CAD 485.90	CAD 95.78	CAD 581.68	
102	L-1, 82" X 36" Louver, Cfm: 6800, Manufacturer: E.H. Price, Model No: K609Hp	1.00	0%	1	EA	CAD 485.90	CAD 95.78	CAD 581.68	
103									
104	Eg-1, 12" X 8" Exhaust Grille, Cfm: 55, Manufacturer: E.H. Price, Model No: 535 F/L/A	2.00	0%	2	EA	CAD 42.94	CAD 16.60	CAD 119.08	
105	Rg-1, 12" X 10" Return Grille, Cfm: 305, Manufacturer: E.H. Price, Model No: 535 F/L/A	2.00	0%	2	EA	CAD 75.71	CAD 20.75	CAD 192.92	
106	Rg-1, 12" X 8" Return Grille, Cfm: 100, Manufacturer: E.H. Price, Model No: 80/ Tb/ B12	1.00	0%	1	EA	CAD 38.42	CAD 20.75	CAD 59.17	
107	Rg-1, 12" X 8" Return Grille, Cfm: 243, Manufacturer: E.H. Price, Model No: 80/ Tb/ B12	12.00	0%	12	EA	CAD 62.15	CAD 20.34	CAD 989.82	
108	Rg-1, 12" X 10" Return Grille, Cfm: 305, Manufacturer: E.H. Price, Model No: 80/ Tb/ B12	6.00	0%	6	EA	CAD 70.06	CAD 20.34	CAD 542.37	
109	Sg-1, 10" X 6" Supply Grille, Cfm: 105, Manufacturer: E.H. Price, Model No: 520 F/L/A	2.00	0%	2	EA	CAD 70.06	CAD 20.34	CAD 180.79	
110	Sg-1, 10" X 6" Supply Grille, Cfm: 130, Manufacturer: E.H. Price, Model No: 520 F/L/A	2.00	0%	2	EA	CAD 70.06	CAD 20.34	CAD 180.79	
111	Sg-1, 10" X 6" Supply Grille, Cfm: 135, Manufacturer: E.H. Price, Model No: 520 F/L/A	20.00	0%	20	EA	CAD 70.06	CAD 20.34	CAD 1,807.90	
112	Sg-1, 10" X 6" Supply Grille, Cfm: 140, Manufacturer: E.H. Price, Model No: 520 F/L/A	2.00	0%	2	EA	CAD 70.06	CAD 20.34	CAD 180.79	
113	Sg-1, 10" X 6" Supply Grille, Cfm: 150, Manufacturer: E.H. Price, Model No: 520 F/L/A	2.00	0%	2	EA	CAD 70.06	CAD 20.34	CAD 180.79	
114	Sg-1, 10" X 6" Supply Grille, Cfm: 160, Manufacturer: E.H. Price, Model No: 520 F/L/A	2.00	0%	2	EA	CAD 70.06	CAD 20.34	CAD 180.79	
115	Sg-1, 10" X 8" Supply Grille, Cfm: 250, Manufacturer: E.H. Price, Model No: 520 F/L/A	1.00	0%	1	EA	CAD 84.75	CAD 24.90	CAD 109.65	
116	Sg-1, 10" X 8" Supply Grille, Cfm: 270, Manufacturer: E.H. Price, Model No: 520 F/L/A	2.00	0%	2	EA	CAD 84.75	CAD 24.90	CAD 219.30	
117	Sg-1, 12" X 4" Supply Grille, Cfm: 130, Manufacturer: E.H. Price, Model No: 520 F/L/A	2.00	0%	2	EA	CAD 70.06	CAD 24.90	CAD 189.92	
118	Sg-1, 12" X 6" Supply Grille, Cfm: 200, Manufacturer: E.H. Price, Model No: 520 F/L/A	1.00	0%	1	EA	CAD 81.36	CAD 24.90	CAD 106.26	
119	Sg-1, 12" X 8" Supply Grille, Cfm: 100, Manufacturer: E.H. Price, Model No: 520 F/L/A	33.00	0%	33	EA	CAD 76.84	CAD 24.90	CAD 3,357.42	
120	Sg-1, 12" X 8" Supply Grille, Cfm: 105, Manufacturer: E.H. Price, Model No: 520 F/L/A	28.00	0%	28	EA	CAD 76.84	CAD 24.90	CAD 2,848.72	
121	Sg-1, 12" X 8" Supply Grille, Cfm: 115, Manufacturer: E.H. Price, Model No: 520 F/L/A	42.00	0%	42	EA	CAD 76.84	CAD 24.90	CAD 4,273.08	
122	Sg-1, 12" X 8" Supply Grille, Cfm: 117, Manufacturer: E.H. Price, Model No: 520 F/L/A	14.00	0%	14	EA	CAD 76.84	CAD 24.90	CAD 1,424.36	
123	Sg-1, 12" X 8" Supply Grille, Cfm: 123, Manufacturer: E.H. Price, Model No: 520 F/L/A	18.00	0%	18	EA	CAD 76.84	CAD 24.90	CAD 1,831.32	
124	Sg-1, 12" X 8" Supply Grille, Cfm: 158, Manufacturer: E.H. Price, Model No: 520 F/L/A	26.00	0%	26	EA	CAD 76.84	CAD 24.90	CAD 2,645.24	
125	Sg-1, 12" X 8" Supply Grille, Cfm: 191, Manufacturer: E.H. Price, Model No: 520 F/L/A	18.00	0%	18	EA	CAD 84.75	CAD 35.69	CAD 2,167.92	
126	Sg-1, 12" X 8" Supply Grille, Cfm: 200, Manufacturer: E.H. Price, Model No: 520 F/L/A	12.00	0%	12	EA	CAD 84.75	CAD 35.69	CAD 1,445.28	
127	Sg-1, 12" X 8" Supply Grille, Cfm: 225, Manufacturer: E.H. Price, Model No: 520 F/L/A	1.00	0%	1	EA	CAD 84.75	CAD 35.69	CAD 120.44	
128	Sg-1, 12" X 8" Supply Grille, Cfm: 243, Manufacturer: E.H. Price, Model No: 520 F/L/A	6.00	0%	6	EA	CAD 88.14	CAD 37.35	CAD 752.94	
129	Sg-1, 12" X 8" Supply Grille, Cfm: 255, Manufacturer: E.H. Price, Model No: 520 F/L/A	1.00	0%	1	EA	CAD 88.14	CAD 37.35	CAD 125.49	
130	Sg-1, 12" X 8" Supply Grille, Cfm: 40, Manufacturer: E.H. Price, Model No: 520 F/L/A	19.00	0%	19	EA	CAD 45.20	CAD 28.22	CAD 1,394.98	
131	Sg-1, 12" X 8" Supply Grille, Cfm: 45, Manufacturer: E.H. Price, Model No: 520 F/L/A	1.00	0%	1	EA	CAD 45.20	CAD 28.22	CAD 73.42	
131	Sg-1, 12" X 8" Supply Grille, Cfm: 50, Manufacturer: E.H. Price, Model No: 520 F/L/A	8.00	0%	8	EA	CAD 45.20	CAD 28.22	CAD 587.36	

132	Sg-1, 12" X 8" Supply Grille, Cfm: 57, Manufacturer: E.H. Price, Model No: 520 F/L/A	18.00	0%	18	EA	CAD 45.20	CAD 28.22	CAD 1,321.56
133	Sg-1, 12" X 8" Supply Grille, Cfm: 86, Manufacturer: E.H. Price, Model No: 520 F/L/A	34.00	0%	34	EA	CAD 45.20	CAD 28.22	CAD 2,496.28
134	Tg-1, 12" X 8" Transfer Grille, Cfm: 50, Manufacturer: E.H. Price, Model No: 630/ F/ L / A/ B12	1.00	0%	1	EA	CAD 45.20	CAD 28.22	CAD 73.42
135	Tg-1, 12" X 8" Transfer Grille, Cfm: 55, Manufacturer: E.H. Price, Model No: 630/ F/ L / A/ B12	1.00	0%	1	EA	CAD 45.20	CAD 28.22	CAD 73.42
136	Tg-1, 8" X 4" Transfer Grille, Cfm: 8, Manufacturer: E.H. Price, Model No: 630/ F/ L / A/ B12	11.00	0%	11	EA	CAD 45.20	CAD 28.22	CAD 807.62
137	Outdoor Air Intake With Weather hood And Bird Screen	2.00	0%	2	EA	CAD 73.45	CAD 28.22	CAD 203.34
138	Outside Air Intake With Weather hood And Bird Screen	2.00	0%	2	EA	CAD 73.45	CAD 9.30	CAD 165.49
139	Grille A, 24" Side Wall Return Grille	42.00	0%	42	EA	CAD 129.39	CAD 24.90	CAD 6,479.97
140	Grille B, 8" Side Wall Return Grille	57.00	0%	57	EA	CAD 85.88	CAD 24.90	CAD 6,314.46
141	Grille C, 6" Side Wall Return Grille	93.00	0%	93	EA	CAD 74.58	CAD 29.47	CAD 9,676.19
142	Grille D, 6" Side Wall Return Grille	22.00	0%	22	EA	CAD 74.58	CAD 29.47	CAD 2,288.99
143	Grille E, 6" Side Wall Return Grille	10.00	0%	10	EA	CAD 74.58	CAD 29.47	CAD 1,040.45
<b>DAMPERS</b>								
144	Blade Damper	11.00	0%	11	EA	CAD 74.58	CAD 24.90	CAD 1,094.28
145	Manual Fire And Smoke Damper	11.00	0%	11	EA	CAD 67.80	CAD 24.90	CAD 1,019.70
<b>HVAC EQUIPMENT</b>								
146	Mau-1, Packaged Gas/ Electric Rooftop Unit, Manufacturer: Airdale, Model No: Opp 75Tmrhn23C2Aa1Dd A01, Cfm: 700, Mbh: 75, Power(Mca): 10	1.00	0%	1	EA	CAD 3,757.25	CAD 1,120.50	CAD 4,877.75
147	Mau-2, Packaged Gas/ Electric Rooftop Unit, Manufacturer: Airdale, Model No: Opp 75Tmrhn23C2Aa1Dd A01, Cfm: 700, Mbh: 75, Power(Mca): 10	1.00	0%	1	EA	CAD 3,757.25	CAD 1,120.50	CAD 4,877.75
148	Cu-1, Packaged Gas/ Electric Rooftop Unit, Manufacturer: Trane, Model No: 4Ttr7024A, Cfm: 3200, Mbh: 75, Power(Mca): 18	1.00	0%	1	EA	CAD 4,237.50	CAD 1,286.50	CAD 5,524.00
149	Cu-2, Packaged Gas/ Electric Rooftop Unit, Manufacturer: Trane, Model No: 4Ttr7024A, Cfm: 3200, Mbh: 75, Power(Mca): 18	1.00	0%	1	EA	CAD 4,237.50	CAD 1,286.50	CAD 5,524.00
150	Fc-1, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	1.00	0%	1	EA	CAD 2,005.75	CAD 390.10	CAD 2,395.85
151	Fc-2, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	1.00	0%	1	EA	CAD 2,005.75	CAD 390.10	CAD 2,395.85
152	Fc-3, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	1.00	0%	1	EA	CAD 2,005.75	CAD 390.10	CAD 2,395.85
153	Fc-4, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	1.00	0%	1	EA	CAD 2,005.75	CAD 390.10	CAD 2,395.85
154	Fc-5, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	1.00	0%	1	EA	CAD 2,005.75	CAD 390.10	CAD 2,395.85
155	Fc-6, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	1.00	0%	1	EA	CAD 2,005.75	CAD 390.10	CAD 2,395.85
156	Fc-7, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	1.00	0%	1	EA	CAD 2,005.75	CAD 390.10	CAD 2,395.85
157	Fc-8, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	1.00	0%	1	EA	CAD 2,005.75	CAD 390.10	CAD 2,395.85
158	Fc-9, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 3.5, Cfm: 1400	1.00	0%	1	EA	CAD 2,528.38	CAD 664.00	CAD 3,192.38
159	Crv-1, Fan, Manufacturer: Vents-Us, Model No: Tt Silent 100, Cfm: 90, Rpm: 908	17.00	0%	17	EA	CAD 111.08	CAD 49.80	CAD 2,734.94
160	Cp-1, Pump, Manufacturer: Little Giant, Model No: Vcmx-15UI, Hp: 1/50 (60Kw)	1.00	0%	1	EA	CAD 69.56	CAD 33.20	CAD 102.76
161	Cp-2, Pump, Manufacturer: Little Giant, Model No: Vcmx-15UI, Hp: 1/50 (60Kw)	1.00	0%	1	EA	CAD 69.56	CAD 33.20	CAD 102.76
162	Cv-1 (Details Not Given)	7.00	0%	7	EA	CAD 0.00	CAD 0.00	CAD 0.00
163	Cv-2 (Details Not Given)	5.00	0%	5	EA	CAD 0.00	CAD 0.00	CAD 0.00
164	Ebb-1 (Supplied By Div 16), Electric Heating, Power: 1 Kw	4.00	0%	4	EA	CAD 0.00	CAD 0.00	CAD 0.00
165	Ebb-2 (Supplied By Div 16), Electric Heating, Power: 1 Kw	17.00	0%	17	EA	CAD 0.00	CAD 0.00	CAD 0.00
166	Ebb-3 (Supplied By Div 16), Electric Heating, Power: 0.3 Kw	5.00	0%	5	EA	CAD 0.00	CAD 0.00	CAD 0.00
167	EF-1, Exhaust Fan, Manufacturer: Greenheck, Model No: Sp-C50, Cfm: 55, Rpm: 1680	1.00	0%	1	EA	CAD 103.07	CAD 33.20	CAD 136.27
168	EF-2, Exhaust Fan, Manufacturer: Greenheck, Model No: Sp-C50, Cfm: 55, Rpm: 1680	2.00	0%	2	EA	CAD 103.07	CAD 33.20	CAD 272.53
169	EF-3, Exhaust Fan, Manufacturer: Greenheck, Model No: Sp-A200, Cfm: 267, Rpm: 900	1.00	0%	1	EA	CAD 307.60	CAD 66.40	CAD 374.00
170	EF-4, Exhaust Fan, Manufacturer: Greenheck, Model No: Sp-A700-Vg, Cfm: 600, Rpm: 962	1.00	0%	1	EA	CAD 307.60	CAD 66.40	CAD 374.00
171	EF-A, Exhaust Fan, Manufacturer: Broan, Model No: A110, Cfm: 90	61.00	0%	61	EA	CAD 131.08	CAD 43.16	CAD 10,628.64
172	EF-B, Exhaust Fan, Manufacturer: Broan, Model No: Zb110, Cfm: 45/90, Rpm: 940	36.00	0%	36	EA	CAD 226.00	CAD 66.40	CAD 10,526.40
173	EF-C, Exhaust Fan, Manufacturer: Greenheck, Model No: Sp-Ap0511W, Cfm: 50, Rpm: 820	11.00	0%	11	EA	CAD 226.00	CAD 66.40	CAD 3,216.40
174	Edh-1, Electric Duct Heater, Manufacturer: Thermolec, Model No: Msc0-10Ls-0002-0000, Cfm: 270	1.00	0%	1	EA	CAD 1,553.75	CAD 63.08	CAD 1,616.83
175	Edh-2, Electric Duct Heater, Manufacturer: Thermolec, Model No: Msc0-10Ls-0002-0000, Cfm: 270	1.00	0%	1	EA	CAD 1,553.75	CAD 63.08	CAD 1,616.83
176	Edh-3, Electric Duct Heater, Manufacturer: Thermolec, Model No: Msc0-10Ls-0002-0000, Cfm: 200	1.00	0%	1	EA	CAD 1,553.75	CAD 63.08	CAD 1,616.83
177	Edh-4, Electric Duct Heater, Manufacturer: Thermolec, Model No: Msc0-10Ls-0002-0000, Cfm: 500	1.00	0%	1	EA	CAD 2,175.25	CAD 67.65	CAD 2,242.90
178	Edh-5, Electric Duct Heater, Manufacturer: Thermolec, Model No: Ter-6-2-208, Cfm: 90	18.00	0%	18	EA	CAD 932.25	CAD 59.35	CAD 17,848.71
179	Edh-6, Electric Duct Heater, Manufacturer: Thermolec, Model No: Ter-6-2-208, Cfm: 1400	1.00	0%	1	EA	CAD 2,796.75	CAD 73.04	CAD 2,869.79
180	Fc-1, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	1.00	0%	1	EA	CAD 1,326.51	CAD 348.60	CAD 1,675.11
181	Fc-2, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	1.00	0%	1	EA	CAD 1,326.51	CAD 348.60	CAD 1,675.11
182	Fc-3, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	1.00	0%	1	EA	CAD 1,326.51	CAD 348.60	CAD 1,675.11
183	Fc-4, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	1.00	0%	1	EA	CAD 1,326.51	CAD 348.60	CAD 1,675.11
184	Fc-5, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	2.00	0%	2	EA	CAD 1,326.51	CAD 348.60	CAD 3,350.21
185	Fc-6, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	2.00	0%	2	EA	CAD 1,326.51	CAD 348.60	CAD 3,350.21
186	Fc-7, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	2.00	0%	2	EA	CAD 1,326.51	CAD 348.60	CAD 3,350.21
187	Fc-8, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 2, Cfm: 688	2.00	0%	2	EA	CAD 1,326.51	CAD 348.60	CAD 3,350.21
188	Fc-9, Split-System Heat Pump, Manufacturer: Daikin, Model No: Fbq24Pvu, Capacity (Tons): 3.5, Cfm: 1400	1.00	0%	1	EA	CAD 1,808.00	CAD 348.60	CAD 2,156.60
189	Psf-1, Fan, Manufacturer: Greenheck, Cfm: 6800	1.00	0%	1	EA	CAD 3,672.50	CAD 315.40	CAD 3,987.90
190	Psf-2, Fan, Manufacturer: Greenheck, Cfm: 6800	1.00	0%	1	EA	CAD 3,672.50	CAD 315.40	CAD 3,987.90
191	Pef-1, Fan, Manufacturer: Greenheck, Cfm: 13600	1.00	0%	1	EA	CAD 5,085.00	CAD 473.10	CAD 5,558.10

192	Ptac-1, Heat Pump, Manufacturer: Friedrich, Model No: Pzh09R3Sb, Capacity (Tons): 0.75, Mbh: 8.5, Cfm: 288	16.00	0%	16	EA	CAD 2,005.75	CAD 390.10	CAD 38,333.60
193	Rh-1, Fan By Owner	56.00	0%	56	EA	CAD 131.08	CAD 43.16	CAD 9,757.44
194	Sf-1, Fan, Manufacturer: Greenheck, Model No: Csp-A700-Vg, Cfm: 270, Rpm: 662	1.00	0%	1	EA	CAD 1,187.73	CAD 332.00	CAD 1,519.73
195	Sf-2, Fan, Manufacturer: Greenheck, Model No: Csp-A700-Vg, Cfm: 270, Rpm: 662	1.00	0%	1	EA	CAD 1,187.73	CAD 332.00	CAD 1,519.73
196	Sf-3, Fan, Manufacturer: Greenheck, Model No: Csp-A390-Vg, Cfm: 200, Rpm: 773	1.00	0%	1	EA	CAD 664.33	CAD 232.40	CAD 896.73
197	Sf-4, Fan, Manufacturer: Greenheck, Model No: Csp-A700-Vg, Cfm: 500, Rpm: 766	1.00	0%	1	EA	CAD 1,187.73	CAD 332.00	CAD 1,519.73
198	Uh-1, Unit Heater, Manufacturer: Trane, Model No: Hina20025A01A---E9G2G6H9K8, Capacity (Mbh): 200	1.00	0%	1	EA	CAD 1,356.00	CAD 130.31	CAD 1,486.31
199	Uh-2, Unit Heater, Manufacturer: Trane, Model No: Hina20025A01A---E9G2G6H9K8, Capacity (Mbh): 200	1.00	0%	1	EA	CAD 1,356.00	CAD 130.31	CAD 1,486.31
200	Vptac-1, Heat Pump, Manufacturer: Friedrich, Model No: Vha 12K, Capacity (Tons): 1, Mbh: 10.6, Cfm: 400	18.00	0%	18	EA	CAD 2,005.75	CAD 390.10	CAD 43,125.30
201	Vptac-2, Heat Pump, Manufacturer: Friedrich, Model No: Vha 18K, Capacity (Tons): 1.5, Mbh: 16.7, Cfm: 600	17.00	0%	17	EA	CAD 2,005.75	CAD 390.10	CAD 40,729.45
202	Vptac-3, Heat Pump, Manufacturer: Friedrich, Model No: Vha 24K, Capacity (Tons): 2, Mbh: 19.5, Cfm: 625	3.00	0%	3	EA	CAD 3,051.00	CAD 1,577.00	CAD 13,884.00
203	Co, Co/Comb. Gas Detection, Manufacturer: Armstrong, Model No: Amc-1Ad2	1.00	0%	1	EA	CAD 382.38	CAD 99.60	CAD 481.98
204	Hp-1, Split-System Heat Pump, Manufacturer: Daikin, Model No: Rzq24Pvju, Capacity (Tons): 2, Cfm: 2682	1.00	0%	1	EA	CAD 1,808.00	CAD 348.60	CAD 2,156.60
205	Hp-2, Split-System Heat Pump, Manufacturer: Daikin, Model No: Rzq24Pvju, Capacity (Tons): 2, Cfm: 2682	1.00	0%	1	EA	CAD 1,808.00	CAD 348.60	CAD 2,156.60
206	Hp-3, Split-System Heat Pump, Manufacturer: Daikin, Model No: Rzq24Pvju, Capacity (Tons): 2, Cfm: 2682	1.00	0%	1	EA	CAD 1,808.00	CAD 348.60	CAD 2,156.60
207	Hp-4, Split-System Heat Pump, Manufacturer: Daikin, Model No: Rzq24Pvju, Capacity (Tons): 2, Cfm: 2682	1.00	0%	1	EA	CAD 1,808.00	CAD 348.60	CAD 2,156.60
208	Hp-5, Split-System Heat Pump, Manufacturer: Daikin, Model No: Rzq24Pvju, Capacity (Tons): 2, Cfm: 2682	1.00	0%	1	EA	CAD 1,808.00	CAD 348.60	CAD 2,156.60
209	Hp-6, Split-System Heat Pump, Manufacturer: Daikin, Model No: Rzq24Pvju, Capacity (Tons): 2, Cfm: 2682	1.00	0%	1	EA	CAD 1,808.00	CAD 348.60	CAD 2,156.60
210	Hp-7, Split-System Heat Pump, Manufacturer: Daikin, Model No: Rzq24Pvju, Capacity (Tons): 2, Cfm: 2682	1.00	0%	1	EA	CAD 1,808.00	CAD 348.60	CAD 2,156.60
211	Hp-8, Split-System Heat Pump, Manufacturer: Daikin, Model No: Rzq24Pvju, Capacity (Tons): 2, Cfm: 2682	1.00	0%	1	EA	CAD 1,808.00	CAD 348.60	CAD 2,156.60
212	Hp-9, Split-System Heat Pump, Manufacturer: Daikin, Model No: Rzq42Pvju, Capacity (Tons): 3.5, Cfm: 3741	1.00	0%	1	EA	CAD 1,808.00	CAD 348.60	CAD 2,156.60
213	FF-1, Force Flow Heater, Manufacturer: Ouellet, Model No: Ovrp 1502, Cfm: 40, Power: 1500 Watts	1.00	0%	1	EA	CAD 488.16	CAD 99.60	CAD 587.76
214	FF-2, Force Flow Heater, Manufacturer: Ouellet, Model No: Ovrp 1502, Cfm: 40, Power: 1500 Watts	1.00	0%	1	EA	CAD 488.16	CAD 99.60	CAD 587.76
215	Dhwrp-1, Pump, Manufacturer: Bell And Gossett, Model No: Pl-36, Hp: 1/6, Rpm: 3300	1.00	0%	1	EA	CAD 525.50	CAD 66.40	CAD 591.90
216	Bp-1, Pump, Manufacturer: Bell And Gossett, Model No: E-90, Hp: 1, Rpm: 1800	1.00	0%	1	EA	CAD 1,792.12	CAD 199.20	CAD 1,991.32
217	Bp-2, Pump, Manufacturer: Bell And Gossett, Model No: E-90, Hp: 1, Rpm: 1800	1.00	0%	1	EA	CAD 1,792.12	CAD 199.20	CAD 1,991.32
218	Dwh-1, Hot Water Tank Heater, Manufacturer: A.O Smith, Model No: Del-20S-5, Input: 5Kw	1.00	0%	1	EA	CAD 925.41	CAD 205.84	CAD 1,131.25
219	Ext-1, Expansion Tank, Manufacturer: Amtrol, Model No: St-12C	1.00	0%	1	EA	CAD 412.45	CAD 66.40	CAD 478.85
220	Ext-2, Expansion Tank, Manufacturer: Amtrol, Model No: St-12C	1.00	0%	1	EA	CAD 412.45	CAD 66.40	CAD 478.85
<b>MISCELLANEOUS</b>								
221	Filter Box	4.00	0%	4	EA	CAD 163.85	CAD 49.80	CAD 854.60
222	Thermostat	2.00	0%	2	EA	CAD 123.17	CAD 49.80	CAD 345.94
223	Carbon Monoxide Detector	1.00	0%	1	EA	CAD 58.76	CAD 24.90	CAD 83.66

<b>NOTES:</b>	<b>SUB TOTAL</b>		<b>CAD 1,486,853</b>
<b>This sheet is your property and you can use and change the information as per need.</b>	<b>OVERHEAD</b>	<b>9%</b>	<b>CAD 133,817</b>
<b>We always convince our clients to put their own prices for the items.</b>	<b>CONTRACTOR'S PROFIT</b>	<b>8%</b>	<b>CAD 118,948</b>
<b>All data in the estimate is taken with the help of plans set and details inside the drawings.</b>	<b>INSURANCE COST</b>	<b>5%</b>	<b>CAD 74,343</b>
<b>In case of anything missing, we might put allowance to adjust the missing numbers as per need.</b>	<b>CONTINGENCY CHARGES</b>	<b>3%</b>	<b>CAD 44,606</b>
<b>We look forward to work with you in the future as every client is our priority.</b>	<b>TOTAL BID</b>		<b>CAD 1,858,566</b>