

TAKEOFF & COST ESTIMATE



CS ESTIMATING

Job Name:
Address:
Date:

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR HRS	TOTAL LABOR HRS	UNIT MATERIAL	UNIT LABOR	UNIT MAT/UNIT LAB	TOTAL COST	TRADE COST
GENERAL REQUIREMENTS												
1	Permit (.07% of project value)	0	fee	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
2	Site development	0	fee	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
3	Other fees	0	fee	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
4	Variance	0	fee	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
5	Expediter	0	fee	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
6	Private inspections	0	fee	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
7	Recompense (city of Atl)	0	tree	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
8	Cover/protect	0	ea	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
9	Cover/protect materials	0	ea	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
10	Scaffolding	0	ea	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
11	Debris haul off	0	load	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
12	Dumpster	0	units	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
13	Portolet	0	mo	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
14	Site cleaning	0	hrs	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
15	Architecture	0	Fee	0%	0.0	0.0	0.0	\$ -	\$ -	\$ -	\$ -	
Sub Total												\$0

PLUMBING

WATER SERVICES												
MAIN FLOOR												
Piping												
Cold Water Pipe 'CW'												
16	(1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	86	LF	0%	86.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
17	(1".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	89	LF	0%	89.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
18	(1-1/4".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	20	LF	0%	20.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
19	(1-1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	18	LF	0%	18.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Hot Water Pipe 'HW'												
20	(1/2".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	68	LF	0%	68.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
21	(1".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	110	LF	0%	110.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Hot Water Return Pipe 'HWR'												
22	(3/4".Dia) Hot Water Return Pipe 'HWR' - Material: Copper Type - L	38	LF	0%	38.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Fittings												
Bends												
23	(1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	46	EA	0%	46.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
24	(1-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	10	EA	0%	10.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
25	(1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	36	EA	0%	36.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
26	(1".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	12	EA	0%	12.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
27	(3/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	6	EA	0%	6.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Tees												
28	(1".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	14	EA	0%	14.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
29	(1-1/4".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
30	(1-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	3	EA	0%	3.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
31	(2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	2	EA	0%	2.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
32	(1".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	16	EA	0%	16.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Valves												
33	(3/4".Dia) Single Check Valve 'SCV'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
34	(1".Dia) Single Check Valve 'SCV'	2	EA	0%	2.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
35	(1-1/2".Dia) Dual Check Valve 'DCV'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
36	(1".Dia) Ball Valve 'BV'	2	EA	0%	2.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
37	(3/4".Dia) Temperature & Pressure Relief Valve 'T&P'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Unions												
38	(1/2".Dia) Dielectric Union	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
39	(1".Dia) Dielectric Union	2	EA	0%	2.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Connections												
40	(1-1/2".Dia) Cold Water Pipe 'CW' Connection	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Gauges / Sensors												
41	(1/2".Dia) Thermometer	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
Fixtures												
42	Water Closet 'WC' Model: K-3658 Manufacturer: KOHLER	2	EA	0%	2.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
43	Lavatory 'LAV' Model: K-2699 Manufacturer: KOHLER	2	EA	0%	2.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
44	Treatment Sink 'SK-1' Model: DAYTON D115161 Manufacturer: ELKAY	9	EA	0%	9.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
45	Break Room Sink 'SK-2' Model: DAYTON D117213 Manufacturer: ELKAY	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
46	MOP SINK 'MS' Model: MSB-2424 Manufacturer: FIAT	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
47	Washing Machine Box 'WB' Model: 38747 Manufacturer: OATELY	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
48	Water Dispenser 'WD' Manufacturer: Blue Marble Solution	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
49	Refrigerator 'REF'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
50	Drinking Fountain 'DF'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	



CS ESTIMATING

Job Name:
Address:
Date:

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR HRS	TOTAL LABOR HRS	UNIT MATERIAL	UNIT LABOR	UNIT MAT/UNIT LAB	TOTAL COST	TRADE COST
	Water Heater 'WH'											
51	(50 Gallon) Water Heater 'WH' Model: GPDX-50L Manufacturer: AO SMITH	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Expansion Tank											
52	(2.3 Gallon) Expansion Tank Model: DETA-5 Manufacturer: Watts	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Recirculating Pump											
53	Recirculating Pump Model: A19DAC-1C Manufacturer: BELL AND GOSSET	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Water Meter 'WM'											
54	(1-1/2".Dia) Water Meter 'WM'	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Shock Arrestor											
55	Shock Arrestor	20	EA	0%	20.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	DRAINAGE SERVICES											
	MAIN FLOOR											
	Piping											
	Sanitary Drainage Pipe 'SAN'											
56	(2".Dia) Sanitary Drainage Pipe 'SAN' - Material: Cast Iron Pipe	61	LF	0%	61.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
57	(3".Dia) Sanitary Drainage Pipe 'SAN' - Material: Cast Iron Pipe	51	LF	0%	51.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
58	(4".Dia) Sanitary Drainage Pipe 'SAN' - Material: Cast Iron Pipe	187	LF	0%	187.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Vent Pipe 'VP'											
59	(1-1/2".Dia) Vent Pipe 'VP' - Material: Cast Iron Pipe	110	LF	0%	110.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
60	(2".Dia) Vent Pipe 'VP' - Material: Cast Iron Pipe	175	LF	0%	175.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Fittings											
	Bends											
61	(2".Dia & 45 Degree) Sanitary Drainage Pipe 'SAN' Bend	22	EA	0%	22.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
62	(3".Dia & 45 Degree) Sanitary Drainage Pipe 'SAN' Bend	26	EA	0%	26.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
63	(4".Dia & 45 Degree) Sanitary Drainage Pipe 'SAN' Bend	18	EA	0%	18.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
64	(1-1/2".Dia & 90 Degree) Vent Pipe 'VP' Bend	6	EA	0%	6.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
65	(2".Dia & 90 Degree) Vent Pipe 'VP' Bend	12	EA	0%	12.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Tees											
66	(3".Dia & 45 Degree) Sanitary Drainage Pipe 'SAN' Tee	22	EA	0%	22.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
67	(4".Dia & 45 Degree) Sanitary Drainage Pipe 'SAN' Tee	16	EA	0%	16.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
68	(1-1/2".Dia & 90 Degree) Vent Pipe 'VP' Tee	6	EA	0%	6.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
69	(2".Dia & 90 Degree) Vent Pipe 'VP' Tee	12	EA	0%	12.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Connections											
70	(4".Dia) Sanitary Drainage Pipe 'SAN' Connection	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Fixtures											
71	(4".Dia) Floor Clean Out 'FCO' Model: 834 Series Manufacturer: SLOUX CHIEF	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
72	(3".Dia) Floor Drain 'FD' Model: 834 Series Manufacturer: SLOUX CHIEF	2	EA	0%	2.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
73	(3".Dia) Wall Clean Out 'WCO' Model: Zab-1468-VP Manufacturer: ZURN	6	EA	0%	6.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	P-Traps											
74	P-Traps	24	EA	0%	24.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	GAS SERVICES											
	MAIN FLOOR											
	Piping											
	Gas Pipe 'G'											
75	(3/4".Dia) Gas Pipe 'G' - Material: Black Steel Schedule 40	15	LF	0%	15.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Fittings											
76	(3/4".Dia & 90 Degree) Gas Pipe 'G' Bend	4	EA	0%	4.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Tees											
77	(3/4".Dia & 90 Degree) Gas Pipe 'G' Tee	2	EA	0%	2.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Valves											
78	(3/4".Dia) Gas Cock / Shutoff Valve	2	EA	0%	2.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	ROOF											
	Piping											
	Gas Pipe 'G'											
79	(3/4".Dia) Gas Pipe 'G' - Material: Black Steel Schedule 40	37	LF	0%	37.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Fittings											
80	(3/4".Dia & 90 Degree) Gas Pipe 'G' Bend	2	EA	0%	2.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Connections											
81	(3/4".Dia) Gas Pipe 'G' Connection	1	EA	0%	1.00	0.000	0.0	\$ -	\$ -	\$ -	\$ -	
	Sub Total											\$0
	PROJECTED COST											\$0
	OVERHEAD										18%	\$ -
	CONTINGENCY										5%	\$ -
	INSURANCE										3%	\$ -
	SUGGESTED BID											\$ -

NOTES: