

PROJECT :

Estimated By:



Galaxy Estimating

CLIENT	
DATE	
Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
<b>GENERAL REQUIREMENTS</b>									
1	Supervision	1.0	LS	0%	1.00	\$ -	\$ -	\$ -	
2	Permits	1.0	LS	0%	1.00	\$ -	\$ -	\$ -	
3	Final Cleanup	1.0	LS	0%	1.00	\$ -	\$ -	\$ -	
4	Mobilization Costs	1.0	LS	0%	1.00	\$ -	\$ -	\$ -	
5	Project Overheads	1.0	LS	0%	1.00	\$ -	\$ -	\$ -	
6	Bonds	1.0	LS	0%	1.00	\$ -	\$ -	\$ -	
7	Temporary Control & Facilities	1.0	LS	0%	1.00	\$ -	\$ -	\$ -	
<b>Sub Total</b>									<b>\$0</b>

<b>PLUMBING</b>									
<b>Pressure Services</b>									
<b>FIRST FLOOR</b>									
<b>Piping</b>									
<b>Cold Water Pipe 'CW'</b>									
8	(1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	207	LF	0%	207.00	\$ -	\$ -	\$ -	
9	(3/4".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	49	LF	0%	49.00	\$ -	\$ -	\$ -	
10	(1".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	132	LF	0%	132.00	\$ -	\$ -	\$ -	
11	(1-1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	77	LF	0%	77.00	\$ -	\$ -	\$ -	
12	(2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	138	LF	0%	138.00	\$ -	\$ -	\$ -	
<b>Hot Water Pipe 'HW'</b>									
13	(1/2".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	180	LF	0%	180.00	\$ -	\$ -	\$ -	
14	(3/4".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	45	LF	0%	45.00	\$ -	\$ -	\$ -	
15	(1".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	144	LF	0%	144.00	\$ -	\$ -	\$ -	
16	(1-1/4".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	140	LF	0%	140.00	\$ -	\$ -	\$ -	
<b>Hot Water Return Pipe 'HWR'</b>									
17	(3/4".Dia) Hot Water Return Pipe 'HWR' - Material: Copper Type - L	90	LF	0%	90.00	\$ -	\$ -	\$ -	
<b>Fittings</b>									
<b>Bends</b>									
18	(1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	90	EA	0%	90.00	\$ -	\$ -	\$ -	
19	(3/4".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
20	(1".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	18	EA	0%	18.00	\$ -	\$ -	\$ -	
21	(1-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
22	(2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
23	(1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	84	EA	0%	84.00	\$ -	\$ -	\$ -	
24	(3/4".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
25	(1".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
26	(1-1/4".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	8	EA	0%	8.00	\$ -	\$ -	\$ -	
27	(3/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
<b>Tees</b>									
28	(1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	14	EA	0%	14.00	\$ -	\$ -	\$ -	
29	(3/4".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	4	EA	0%	4.00	\$ -	\$ -	\$ -	
30	(1".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	6	EA	0%	6.00	\$ -	\$ -	\$ -	
31	(1-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	4	EA	0%	4.00	\$ -	\$ -	\$ -	
32	(2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	8	EA	0%	8.00	\$ -	\$ -	\$ -	
33	(1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
34	(3/4".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
35	(1".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
36	(1-1/4".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	8	EA	0%	8.00	\$ -	\$ -	\$ -	
<b>Valves</b>									
37	(1/2".Dia) Isolation Valve 'IV'	32	EA	0%	32.00	\$ -	\$ -	\$ -	
38	(3/4".Dia) Isolation Valve 'IV'	4	EA	0%	4.00	\$ -	\$ -	\$ -	
39	(1".Dia) Isolation Valve 'IV'	2	EA	0%	2.00	\$ -	\$ -	\$ -	
40	(1-1/2".Dia) Isolation Valve 'IV'	4	EA	0%	4.00	\$ -	\$ -	\$ -	
41	(1/2".Dia) Shut - Off Valve 'SOV'	40	EA	0%	40.00	\$ -	\$ -	\$ -	
42	(1".Dia) Shut - Off Valve 'SOV'	3	EA	0%	3.00	\$ -	\$ -	\$ -	
43	(1/2".Dia) Thermostatic Mixing Valve 'TMV'	19	EA	0%	19.00	\$ -	\$ -	\$ -	
44	(1/2".Dia) Air Admittance Valve 'AAV'	8	EA	0%	8.00	\$ -	\$ -	\$ -	
45	(1".Dia) Water Hammer Arrestor 'WHA'	3	EA	0%	3.00	\$ -	\$ -	\$ -	
46	(1/2".Dia) Check Valve 'CV'	2	EA	0%	2.00	\$ -	\$ -	\$ -	
47	(1/2".Dia) Strainer 'ST'	1	EA	0%	1.00	\$ -	\$ -	\$ -	
<b>Connections</b>									
48	(2".Dia) Cold Water Pipe 'CW' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
49	(1-1/4".Dia) Hot Water Pipe 'HW' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
50	(3/4".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
<b>Fixtures</b>									
51	Backflow Preventer 'BFP3' - Manufacturer: Watts - Model No: # LF7R	2	EA	0%	2.00	\$ -	\$ -	\$ -	
52	Filter	2	EA	0%	2.00	\$ -	\$ -	\$ -	
53	Ice Machine (If Required)	2	EA	0%	2.00	\$ -	\$ -	\$ -	
54	Coffee Machine (If Required)	2	EA	0%	2.00	\$ -	\$ -	\$ -	
<b>Droppers</b>									
55	(1/2".Dia) Cold Water Pipe Dropper (19 EA & 8'-0" H)	152	LF	0%	152.00	\$ -	\$ -	\$ -	
56	(3/4".Dia) Cold Water Pipe Dropper (1 EA & 8'-0" H)	8	LF	0%	8.00	\$ -	\$ -	\$ -	
57	(1".Dia) Cold Water Pipe Dropper (4 EA & 8'-0" H)	32	LF	0%	32.00	\$ -	\$ -	\$ -	
58	(3/4".Dia) Hot Water Pipe Dropper (1 EA & 8'-0" H)	8	LF	0%	8.00	\$ -	\$ -	\$ -	
59	(1/2".Dia) Hot Water Pipe Dropper (18 EA & 8'-0" H)	144	LF	0%	144.00	\$ -	\$ -	\$ -	
<b>SECOND FLOOR</b>									
<b>Piping</b>									
<b>Cold Water Pipe 'CW'</b>									
60	(1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	961	LF	0%	961.00	\$ -	\$ -	\$ -	
61	(3/4".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	70	LF	0%	70.00	\$ -	\$ -	\$ -	

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SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
62	(1".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	442	LF	0%	442.00	\$ -	\$ -	\$ -	
63	(1-1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	131	LF	0%	131.00	\$ -	\$ -	\$ -	
64	(2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	114	LF	0%	114.00	\$ -	\$ -	\$ -	
65	(2-1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	626	LF	0%	626.00	\$ -	\$ -	\$ -	
	<b>Hot Water Pipe 'HW'</b>								
66	(1/2".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	885	LF	0%	885.00	\$ -	\$ -	\$ -	
67	(3/4".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	222	LF	0%	222.00	\$ -	\$ -	\$ -	
68	(1".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	112	LF	0%	112.00	\$ -	\$ -	\$ -	
69	(1-1/4".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	49	LF	0%	49.00	\$ -	\$ -	\$ -	
70	(1-1/2".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	494	LF	0%	494.00	\$ -	\$ -	\$ -	
71	(2".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	141	LF	0%	141.00	\$ -	\$ -	\$ -	
	<b>Hot Water Return Pipe 'HWR'</b>								
72	(3/4".Dia) Hot Water Return Pipe 'HWR' - Material: Copper Type - L	204	LF	0%	204.00	\$ -	\$ -	\$ -	
	<b>Fittings</b>								
	<b>Bends</b>								
73	(1/2".Dia & 45 Degree) Cold Water Pipe 'CW' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
74	(1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	390	EA	0%	390.00	\$ -	\$ -	\$ -	
75	(3/4".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
76	(1".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	128	EA	0%	128.00	\$ -	\$ -	\$ -	
77	(1-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
78	(2-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	12	EA	0%	12.00	\$ -	\$ -	\$ -	
79	(1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	356	EA	0%	356.00	\$ -	\$ -	\$ -	
80	(3/4".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
81	(1".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	18	EA	0%	18.00	\$ -	\$ -	\$ -	
82	(1-1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	12	EA	0%	12.00	\$ -	\$ -	\$ -	
83	(2".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
84	(3/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
	<b>Tees</b>								
85	(1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	18	EA	0%	18.00	\$ -	\$ -	\$ -	
86	(3/4".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	4	EA	0%	4.00	\$ -	\$ -	\$ -	
87	(1".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	30	EA	0%	30.00	\$ -	\$ -	\$ -	
88	(1-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	8	EA	0%	8.00	\$ -	\$ -	\$ -	
89	(2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	12	EA	0%	12.00	\$ -	\$ -	\$ -	
90	(2-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	54	EA	0%	54.00	\$ -	\$ -	\$ -	
91	(1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	16	EA	0%	16.00	\$ -	\$ -	\$ -	
92	(3/4".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	14	EA	0%	14.00	\$ -	\$ -	\$ -	
93	(1".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	8	EA	0%	8.00	\$ -	\$ -	\$ -	
94	(1-1/4".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	6	EA	0%	6.00	\$ -	\$ -	\$ -	
95	(1-1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	36	EA	0%	36.00	\$ -	\$ -	\$ -	
96	(2".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	11	EA	0%	11.00	\$ -	\$ -	\$ -	
97	(3/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
	<b>Valves</b>								
98	(1/2".Dia) Isolation Valve 'IV'	106	EA	0%	106.00	\$ -	\$ -	\$ -	
99	(3/4".Dia) 'CSV'	2	EA	0%	2.00	\$ -	\$ -	\$ -	
100	(1".Dia) Isolation Valve 'IV'	32	EA	0%	32.00	\$ -	\$ -	\$ -	
101	(1-1/2".Dia) Isolation Valve 'IV'	2	EA	0%	2.00	\$ -	\$ -	\$ -	
102	(1".Dia) Emergency Shower Mixing Valve 'ESMV' - Manufacturer: GUARDIAN - Model No: #GG6042	2	EA	0%	2.00	\$ -	\$ -	\$ -	
103	(1/2".Dia) Shut - Off Valve 'SOV'	166	EA	0%	166.00	\$ -	\$ -	\$ -	
104	(1".Dia) Shut - Off Valve 'SOV'	23	EA	0%	23.00	\$ -	\$ -	\$ -	
105	(1/2".Dia) Thermostatic Mixing Valve 'TMV'	80	EA	0%	80.00	\$ -	\$ -	\$ -	
106	(1".Dia) Thermostatic Mixing Valve 'TMV'	2	EA	0%	2.00	\$ -	\$ -	\$ -	
107	(1/2".Dia) Air Admittance Valve 'AAV'	13	EA	0%	13.00	\$ -	\$ -	\$ -	
108	(1".Dia) Water Hammer Arrestor 'WHA'	23	EA	0%	23.00	\$ -	\$ -	\$ -	
	<b>Connections</b>								
109	(2-1/2".Dia) Cold Water Pipe 'CW' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
110	(2".Dia) Hot Water Pipe 'HW' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
111	(3/4".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
	<b>Fixtures</b>								
112	Backflow Preventer 'BFP3' - Manufacturer: Watts - Model No: # LF7R	2	EA	0%	2.00	\$ -	\$ -	\$ -	
113	Filter	2	EA	0%	2.00	\$ -	\$ -	\$ -	
114	Ice Machine (If Required)	2	EA	0%	2.00	\$ -	\$ -	\$ -	
115	Coffee Machine (If Required)	2	EA	0%	2.00	\$ -	\$ -	\$ -	
	<b>Droppers</b>								
116	(1/2".Dia) Cold Water Pipe Dropper (88 EA & 8'-0" H)	704	LF	0%	704.00	\$ -	\$ -	\$ -	
117	(3/4".Dia) Cold Water Pipe Dropper (2 EA & 8'-0" H)	16	LF	0%	16.00	\$ -	\$ -	\$ -	
118	(1".Dia) Cold Water Pipe Dropper (21 EA & 8'-0" H)	168	LF	0%	168.00	\$ -	\$ -	\$ -	
119	(3/4".Dia) Hot Water Pipe Dropper (2 EA & 8'-0" H)	16	LF	0%	16.00	\$ -	\$ -	\$ -	
120	(1/2".Dia) Hot Water Pipe Dropper (75 EA & 8'-0" H)	600	LF	0%	600.00	\$ -	\$ -	\$ -	
	<b>THIRD FLOOR</b>								
	<b>Piping</b>								
	<b>Cold Water Pipe 'CW'</b>								
121	(1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	1974	LF	0%	1974.00	\$ -	\$ -	\$ -	
122	(3/4".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	25	LF	0%	25.00	\$ -	\$ -	\$ -	
123	(1".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	494	LF	0%	494.00	\$ -	\$ -	\$ -	
124	(1-1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	59	LF	0%	59.00	\$ -	\$ -	\$ -	

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125	(2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	198	LF	0%	198.00	\$ -	\$ -	\$ -	
126	(2-1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	359	LF	0%	359.00	\$ -	\$ -	\$ -	
	<b>Hot Water Pipe 'HW'</b>								
127	(1/2".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	1039	LF	0%	1039.00	\$ -	\$ -	\$ -	
128	(3/4".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	57	LF	0%	57.00	\$ -	\$ -	\$ -	
129	(1".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	195	LF	0%	195.00	\$ -	\$ -	\$ -	
130	(1-1/4".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	103	LF	0%	103.00	\$ -	\$ -	\$ -	
131	(1-1/2".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	460	LF	0%	460.00	\$ -	\$ -	\$ -	
	<b>Hot Water Return Pipe 'HWR'</b>								
132	(1".Dia) Hot Water Return Pipe 'HWR' - Material: Copper Type - L	40	LF	0%	40.00	\$ -	\$ -	\$ -	
	<b>Fittings</b>								
	<b>Bends</b>								
133	(1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	472	EA	0%	472.00	\$ -	\$ -	\$ -	
134	(3/4".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
135	(1".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	154	EA	0%	154.00	\$ -	\$ -	\$ -	
136	(1-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
137	(2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
138	(2-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
139	(1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	290	EA	0%	290.00	\$ -	\$ -	\$ -	
140	(3/4".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	26	EA	0%	26.00	\$ -	\$ -	\$ -	
141	(1".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
142	(1-1/4".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
143	(1-1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	8	EA	0%	8.00	\$ -	\$ -	\$ -	
144	(1".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
	<b>Tees</b>								
145	(1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	18	EA	0%	18.00	\$ -	\$ -	\$ -	
146	(3/4".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	6	EA	0%	6.00	\$ -	\$ -	\$ -	
147	(1".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	60	EA	0%	60.00	\$ -	\$ -	\$ -	
148	(1-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	6	EA	0%	6.00	\$ -	\$ -	\$ -	
149	(2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	10	EA	0%	10.00	\$ -	\$ -	\$ -	
150	(2-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	26	EA	0%	26.00	\$ -	\$ -	\$ -	
151	(1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
152	(3/4".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	26	EA	0%	26.00	\$ -	\$ -	\$ -	
153	(1".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	9	EA	0%	9.00	\$ -	\$ -	\$ -	
154	(1-1/4".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
155	(1-1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	30	EA	0%	30.00	\$ -	\$ -	\$ -	
	<b>Connections</b>								
156	(2-1/2".Dia) Cold Water Pipe 'CW' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
157	(1-1/2".Dia) Hot Water Pipe 'HW' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
158	(1".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
	<b>Valves</b>								
159	(1/2".Dia) Isolation Valve 'IV'	44	EA	0%	44.00	\$ -	\$ -	\$ -	
160	(3/4".Dia) Isolation Valve 'IV'	26	EA	0%	26.00	\$ -	\$ -	\$ -	
161	(1".Dia) Isolation Valve 'IV'	32	EA	0%	32.00	\$ -	\$ -	\$ -	
162	(1".Dia) 'CSV'	2	EA	0%	2.00	\$ -	\$ -	\$ -	
163	(1/2".Dia) Shut - Off Valve 'SOV'	146	EA	0%	146.00	\$ -	\$ -	\$ -	
164	(1".Dia) Shut - Off Valve 'SOV'	30	EA	0%	30.00	\$ -	\$ -	\$ -	
165	(1/2".Dia) Thermostatic Mixing Valve 'TMV'	141	EA	0%	141.00	\$ -	\$ -	\$ -	
166	(1/2".Dia) Air Admittance Valve 'AAV'	11	EA	0%	11.00	\$ -	\$ -	\$ -	
167	(1".Dia) Water Hammer Arrestor 'WHA'	30	EA	0%	30.00	\$ -	\$ -	\$ -	
	<b>Fixtures</b>								
168	Backflow Preventer 'BFP3' - Manufacturer: Watts - Model No: # LF7R	3	EA	0%	3.00	\$ -	\$ -	\$ -	
169	Filter	3	EA	0%	3.00	\$ -	\$ -	\$ -	
170	Ice Machine (If Required)	3	EA	0%	3.00	\$ -	\$ -	\$ -	
171	Coffee Machine (If Required)	3	EA	0%	3.00	\$ -	\$ -	\$ -	
	<b>Droppers</b>								
172	(1/2".Dia) Cold Water Pipe Droppers (117 EA & 8'-0" H)	936	LF	0%	936.00	\$ -	\$ -	\$ -	
173	(3/4".Dia) Cold Water Pipe Dropper (1 EA & 8'-0" H)	8	LF	0%	8.00	\$ -	\$ -	\$ -	
174	(1".Dia) Cold Water Pipe Dropper (30 EA & 8'-0" H)	240	LF	0%	240.00	\$ -	\$ -	\$ -	
175	(3/4".Dia) Hot Water Pipe Dropper (1 EA & 8'-0" H)	8	LF	0%	8.00	\$ -	\$ -	\$ -	
176	(1/2".Dia) Hot Water Pipe Droppers (64 EA & 8'-0" H)	512	LF	0%	512.00	\$ -	\$ -	\$ -	
	<b>FOURTH FLOOR</b>								
	<b>Piping</b>								
	<b>Cold Water Pipe 'CW'</b>								
177	(1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	1892	LF	0%	1892.00	\$ -	\$ -	\$ -	
178	(3/4".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	164	LF	0%	164.00	\$ -	\$ -	\$ -	
179	(1".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	321	LF	0%	321.00	\$ -	\$ -	\$ -	
180	(1-1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	82	LF	0%	82.00	\$ -	\$ -	\$ -	
181	(2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	177	LF	0%	177.00	\$ -	\$ -	\$ -	
182	(2-1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	350	LF	0%	350.00	\$ -	\$ -	\$ -	
	<b>Hot Water Pipe 'HW'</b>								
183	(1/2".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	838	LF	0%	838.00	\$ -	\$ -	\$ -	
184	(3/4".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	241	LF	0%	241.00	\$ -	\$ -	\$ -	
185	(1".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	96	LF	0%	96.00	\$ -	\$ -	\$ -	

PROJECT :

Estimated By:



Galaxy Estimating

CLIENT	
DATE	
Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
186	(1-1/2".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	201	LF	0%	201.00	\$ -	\$ -	\$ -	
187	(2".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	422	LF	0%	422.00	\$ -	\$ -	\$ -	
	<b>Hot Water Return Pipe 'HWR'</b>								
188	(1".Dia) Hot Water Return Pipe 'HWR' - Material: Copper Type - L	44	LF	0%	44.00	\$ -	\$ -	\$ -	
	<b>Fittings</b>								
	<b>Bends</b>								
189	(1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	422	EA	0%	422.00	\$ -	\$ -	\$ -	
190	(3/4".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	46	EA	0%	46.00	\$ -	\$ -	\$ -	
191	(1".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	120	EA	0%	120.00	\$ -	\$ -	\$ -	
192	(1-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
193	(2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	8	EA	0%	8.00	\$ -	\$ -	\$ -	
194	(2-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
195	(1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	258	EA	0%	258.00	\$ -	\$ -	\$ -	
196	(3/4".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	64	EA	0%	64.00	\$ -	\$ -	\$ -	
197	(1".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
198	(1-1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	7	EA	0%	7.00	\$ -	\$ -	\$ -	
199	(2".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	8	EA	0%	8.00	\$ -	\$ -	\$ -	
200	(1".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
	<b>Tees</b>								
201	(1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	40	EA	0%	40.00	\$ -	\$ -	\$ -	
202	(3/4".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	8	EA	0%	8.00	\$ -	\$ -	\$ -	
203	(1".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	54	EA	0%	54.00	\$ -	\$ -	\$ -	
204	(1-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	8	EA	0%	8.00	\$ -	\$ -	\$ -	
205	(2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	6	EA	0%	6.00	\$ -	\$ -	\$ -	
206	(2-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	24	EA	0%	24.00	\$ -	\$ -	\$ -	
207	(1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	20	EA	0%	20.00	\$ -	\$ -	\$ -	
208	(3/4".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	28	EA	0%	28.00	\$ -	\$ -	\$ -	
209	(1".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
210	(1-1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	8	EA	0%	8.00	\$ -	\$ -	\$ -	
211	(2".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	30	EA	0%	30.00	\$ -	\$ -	\$ -	
212	(1".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
	<b>Valves</b>								
213	(1/2".Dia) Isolation Valve 'IV'	38	EA	0%	38.00	\$ -	\$ -	\$ -	
214	(3/4".Dia) Isolation Valve 'IV'	24	EA	0%	24.00	\$ -	\$ -	\$ -	
215	(1".Dia) Isolation Valve 'IV'	28	EA	0%	28.00	\$ -	\$ -	\$ -	
216	(1".Dia) 'CSV'	1	EA	0%	1.00	\$ -	\$ -	\$ -	
217	(1/2".Dia) Shut - Off Valve 'SOV'	182	EA	0%	182.00	\$ -	\$ -	\$ -	
218	(1".Dia) Shut - Off Valve 'SOV'	28	EA	0%	28.00	\$ -	\$ -	\$ -	
219	(1/2".Dia) Thermostatic Mixing Valve 'TMV'	178	EA	0%	178.00	\$ -	\$ -	\$ -	
220	(1/2".Dia) Air Admittance Valve 'AAV'	10	EA	0%	10.00	\$ -	\$ -	\$ -	
221	(1".Dia) Water Hammer Arrestor 'WHA'	28	EA	0%	28.00	\$ -	\$ -	\$ -	
	<b>Connections</b>								
222	(2-1/2".Dia) Cold Water Pipe 'CW' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
223	(2".Dia) Hot Water Pipe 'HW' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
224	(1".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
225	Backflow Preventer 'BFP3' - Manufacturer: Watts - Model No: # LF7R	3	EA	0%	3.00	\$ -	\$ -	\$ -	
226	Filter	3	EA	0%	3.00	\$ -	\$ -	\$ -	
227	Ice Machine (If Required)	3	EA	0%	3.00	\$ -	\$ -	\$ -	
228	Coffee Machine (If Required)	3	EA	0%	3.00	\$ -	\$ -	\$ -	
	<b>Droppers</b>								
229	(1/2".Dia) Cold Water Pipe Dropper(107 EA & 8'-0" H)	856	LF	0%	856.00	\$ -	\$ -	\$ -	
230	(1".Dia) Cold Water Pipe Dropper (27 EA & 8'-0" H)	216	LF	0%	216.00	\$ -	\$ -	\$ -	
231	(1/2".Dia) Hot Water Pipe Dropper (66 EA & 8'-0" H)	528	LF	0%	528.00	\$ -	\$ -	\$ -	
	<b>FIFTH FLOOR</b>								
	<b>Piping</b>								
	<b>Cold Water Pipe 'CW'</b>								
232	(1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	1213	LF	0%	1213.00	\$ -	\$ -	\$ -	
233	(3/4".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	156	LF	0%	156.00	\$ -	\$ -	\$ -	
234	(1".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	335	LF	0%	335.00	\$ -	\$ -	\$ -	
235	(1-1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	43	LF	0%	43.00	\$ -	\$ -	\$ -	
236	(2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	178	LF	0%	178.00	\$ -	\$ -	\$ -	
237	(2-1/2".Dia) Cold Water Pipe 'CW' - Material: Copper Type - L	350	LF	0%	350.00	\$ -	\$ -	\$ -	
	<b>Hot Water Pipe 'HW'</b>								
238	(1/2".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	850	LF	0%	850.00	\$ -	\$ -	\$ -	
239	(3/4".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	241	LF	0%	241.00	\$ -	\$ -	\$ -	
240	(1".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	8	LF	0%	8.00	\$ -	\$ -	\$ -	
241	(1-1/2".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	201	LF	0%	201.00	\$ -	\$ -	\$ -	
242	(2".Dia) Hot Water Pipe 'HW' - Material: Copper Type - L	422	LF	0%	422.00	\$ -	\$ -	\$ -	
	<b>Hot Water Return Pipe 'HWR'</b>								
243	(1".Dia) Hot Water Return Pipe 'HWR' - Material: Copper Type - L	132	LF	0%	132.00	\$ -	\$ -	\$ -	
	<b>Fittings</b>								
	<b>Bends</b>								
244	(1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	314	EA	0%	314.00	\$ -	\$ -	\$ -	
245	(3/4".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	48	EA	0%	48.00	\$ -	\$ -	\$ -	
246	(1".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	118	EA	0%	118.00	\$ -	\$ -	\$ -	
247	(1-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
248	(2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	8	EA	0%	8.00	\$ -	\$ -	\$ -	

PROJECT :

Estimated By:



Galaxy Estimating

CLIENT	
DATE	
Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
249	(2-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	-
250	(1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	258	EA	0%	258.00	\$ -	\$ -	\$ -	-
251	(3/4".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	68	EA	0%	68.00	\$ -	\$ -	\$ -	-
252	(1-1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	8	EA	0%	8.00	\$ -	\$ -	\$ -	-
253	(2".Dia & 90 Degree) Hot Water Pipe 'HW' Bend	10	EA	0%	10.00	\$ -	\$ -	\$ -	-
254	(1".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	8	EA	0%	8.00	\$ -	\$ -	\$ -	-
<b>Tees</b>									
255	(1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	36	EA	0%	36.00	\$ -	\$ -	\$ -	-
256	(3/4".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	6	EA	0%	6.00	\$ -	\$ -	\$ -	-
257	(1".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	58	EA	0%	58.00	\$ -	\$ -	\$ -	-
258	(1-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	4	EA	0%	4.00	\$ -	\$ -	\$ -	-
259	(2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	6	EA	0%	6.00	\$ -	\$ -	\$ -	-
260	(2-1/2".Dia & 90 Degree) Cold Water Pipe 'CW' Tee	28	EA	0%	28.00	\$ -	\$ -	\$ -	-
261	(1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	24	EA	0%	24.00	\$ -	\$ -	\$ -	-
262	(3/4".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	27	EA	0%	27.00	\$ -	\$ -	\$ -	-
263	(1".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	-
264	(1-1/2".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	8	EA	0%	8.00	\$ -	\$ -	\$ -	-
265	(2".Dia & 90 Degree) Hot Water Pipe 'HW' Tee	22	EA	0%	22.00	\$ -	\$ -	\$ -	-
266	(1".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	-
<b>Valves</b>									
267	(1/2".Dia) Isolation Valve 'IV'	24	EA	0%	24.00	\$ -	\$ -	\$ -	-
268	(3/4".Dia) Isolation Valve 'IV'	24	EA	0%	24.00	\$ -	\$ -	\$ -	-
269	(1".Dia) Isolation Valve 'IV'	28	EA	0%	28.00	\$ -	\$ -	\$ -	-
270	(1".Dia) 'CSV'	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
271	(1/2".Dia) Shut - Off Valve 'SOV'	182	EA	0%	182.00	\$ -	\$ -	\$ -	-
272	(1".Dia) Shut - Off Valve 'SOV'	28	EA	0%	28.00	\$ -	\$ -	\$ -	-
273	(1/2".Dia) Thermostatic Mixing Valve 'TMV'	178	EA	0%	178.00	\$ -	\$ -	\$ -	-
274	(1/2".Dia) Air Admittance Valve 'AAV'	10	EA	0%	10.00	\$ -	\$ -	\$ -	-
275	(1".Dia) Water Hammer Arrestor 'WHA'	28	EA	0%	28.00	\$ -	\$ -	\$ -	-
<b>Connections</b>									
276	(2-1/2".Dia) Cold Water Pipe 'CW' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
277	(2".Dia) Hot Water Pipe 'HW' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
278	(1".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
279	Backflow Preventer 'BFP3' - <b>Manufacturer:</b> Watts - <b>Model No:</b> # LF7R	3	EA	0%	3.00	\$ -	\$ -	\$ -	-
280	Filter	3	EA	0%	3.00	\$ -	\$ -	\$ -	-
281	Ice Machine (If Required)	3	EA	0%	3.00	\$ -	\$ -	\$ -	-
282	Coffee Machine (If Required)	3	EA	0%	3.00	\$ -	\$ -	\$ -	-
<b>Droppers</b>									
283	(1/2".Dia) Cold Water Dropper (78 EA & 8'-0" H)	624	LF	0%	624.00	\$ -	\$ -	\$ -	-
284	(1".Dia) Cold Water Dropper (28 EA & 8'-0" H)	224	LF	0%	224.00	\$ -	\$ -	\$ -	-
285	(1/2".Dia) Hot Water Dropper (62 EA & 8'-0" H)	496	LF	0%	496.00	\$ -	\$ -	\$ -	-
<b>Hangers , Supports / Rods &amp; Clamps</b>									
<b>Hangers , Supports / Rods (Horizontal Piping)</b>									
286	Hangers , Supports / Rods For (3/4".Dia) Pipe - (3/8") Rod	313	EA	0%	313.00	\$ -	\$ -	\$ -	-
287	Hangers , Supports / Rods For (1".Dia) Pipe - (3/8") Rod	416	EA	0%	416.00	\$ -	\$ -	\$ -	-
288	Hangers , Supports / Rods For (1-1/4".Dia) Pipe - (3/8") Rod	37	EA	0%	37.00	\$ -	\$ -	\$ -	-
289	Hangers , Supports / Rods For (1-1/2".Dia) Pipe - (3/8") Rod	219	EA	0%	219.00	\$ -	\$ -	\$ -	-
290	Hangers , Supports / Rods For (2".Dia) Pipe - (1/2") Rod	200	EA	0%	200.00	\$ -	\$ -	\$ -	-
291	Hangers , Supports / Rods For (2-1/2".Dia) Pipe - (1/2") Rod	188	EA	0%	188.00	\$ -	\$ -	\$ -	-
<b>Clamps (Vertical Piping)</b>									
292	MSS Type 8 or 42, Clamps	367	EA	0%	367.00	\$ -	\$ -	\$ -	-
<b>Drainage Services / Gravity</b>									
<b>FIRST FLOOR</b>									
<b>Piping</b>									
<b>Sanitary Drainage Pipe 'SAN'</b>									
293	(1-1/2".Dia) Sanitary Pipe 'SAN' - <b>Material:</b> Copper DWV or Type M / Cast Iron	76	LF	0%	76.00	\$ -	\$ -	\$ -	-
294	(4".Dia) Sanitary Pipe 'SAN' - <b>Material:</b> Hubless Cast Iron / Service Class Cast Iron	14	LF	0%	14.00	\$ -	\$ -	\$ -	-
<b>Vent Pipe 'V'</b>									
295	(1-1/2".Dia) Vent Pipe 'V' - <b>Material:</b> Copper DWV or Type M	215	LF	0%	215.00	\$ -	\$ -	\$ -	-
296	(2".Dia) Vent Pipe 'V' - <b>Material:</b> Hubless Cast Iron	202	LF	0%	202.00	\$ -	\$ -	\$ -	-
<b>Fittings</b>									
<b>Bends</b>									
297	(1-1/2".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	10	EA	0%	10.00	\$ -	\$ -	\$ -	-
298	(1-1/2".Dia & 45 Degree) Vent Pipe 'V' Bend	10	EA	0%	10.00	\$ -	\$ -	\$ -	-
299	(1-1/2".Dia & 90 Degree) Vent Pipe 'V' Bend	20	EA	0%	20.00	\$ -	\$ -	\$ -	-
300	(2".Dia & 45 Degree) Vent Pipe 'V' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	-
301	(2".Dia & 90 Degree) Vent Pipe 'V' Bend	10	EA	0%	10.00	\$ -	\$ -	\$ -	-
<b>Tees</b>									
302	(1-1/2".Dia & 45 Degree) Vent Pipe 'V' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	-
303	(1-1/2".Dia & 90 Degree) Vent Pipe 'V' Tee	16	EA	0%	16.00	\$ -	\$ -	\$ -	-
304	(2".Dia & 90 Degree) Vent Pipe 'V' Tee	16	EA	0%	16.00	\$ -	\$ -	\$ -	-
305	(2".Dia & 45 Degree) Vent Pipe 'V' Tee	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
<b>Connections</b>									
306	(1-1/2".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	12	EA	0%	12.00	\$ -	\$ -	\$ -	-
307	(4".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	6	EA	0%	6.00	\$ -	\$ -	\$ -	-
308	(1-1/2".Dia) Vent Pipe 'V' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	-
309	(2".Dia) Vent Pipe 'V' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	-
<b>Fixtures</b>									
310	(2".Dia) Shower Drain 'SD1' - <b>Manufacturer:</b> ZURN - STAINLESS STEE - <b>Model No:</b> # FD2260	2	EA	0%	2.00	\$ -	\$ -	\$ -	-
311	(4".Dia ) Wall Clean Out 'WCO'	1	EA	0%	1.00	\$ -	\$ -	\$ -	-

PROJECT :

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CLIENT	
DATE	
Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
312	Backflow Preventer 'BFP4' - <b>Manufacturer:</b> Watts - <b>Model No:</b> # 009QT-S	2	EA	0%	2.00	\$ -	\$ -	\$ -	
313	Drop In Sink 'SK1' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> OVALYN # 0496200.020	6	EA	0%	6.00	\$ -	\$ -	\$ -	
314	Mop Receptor 'MR1' - <b>Manufacturer:</b> STERN WILLAMS - <b>Model No:</b> # HL-1810	1	EA	0%	1.00	\$ -	\$ -	\$ -	
315	Pedestal Base Scrub Sink 'SS1' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> # 9504.999.021	3	EA	0%	3.00	\$ -	\$ -	\$ -	
316	Shower 'SH2' - <b>Manufacturer:</b> CLARION BATHWARE - <b>Model No:</b> # MF3837LBF34	2	EA	0%	2.00	\$ -	\$ -	\$ -	
317	Solid Surface Sink 'SK2' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> OVALYN # 0496200.021	2	EA	0%	2.00	\$ -	\$ -	\$ -	
318	Supply And Drain Box 'SDB1' - <b>Manufacturer:</b> OATEY 'MODA' - <b>Model No:</b> # 3037974	2	EA	0%	2.00	\$ -	\$ -	\$ -	
319	Walk Hung Lavatory 'L3' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> LUCERNE # 0356.015	5	EA	0%	5.00	\$ -	\$ -	\$ -	
320	Water Closet 'WC1' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> PRIOLO # 3696.001	1	EA	0%	1.00	\$ -	\$ -	\$ -	
321	Water Closet 'WC3' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> PRIOLO # 3696.003	2	EA	0%	2.00	\$ -	\$ -	\$ -	
	<b>P - Traps</b>								
322	(1-1/2".Dia) P - Trap	19	EA	0%	19.00	\$ -	\$ -	\$ -	
323	(2".Dia) P - Trap	2	EA	0%	2.00	\$ -	\$ -	\$ -	
324	(4".Dia) P - Trap	3	EA	0%	3.00	\$ -	\$ -	\$ -	
	<b>Risers</b>								
325	(1-1/2".Dia) Vent Pipe Riser (17 EA & 8'-0" H)	136	LF	0%	136.00	\$ -	\$ -	\$ -	
326	(2".Dia) Vent Pipe Riser (3 EA & 8'-0" H)	24	LF	0%	24.00	\$ -	\$ -	\$ -	
	<b>SECOND FLOOR</b>								
	<b>Piping</b>								
	<b>Sanitary Drainage Pipe 'SAN'</b>								
327	(1-1/2".Dia) Sanitary Pipe 'SAN' - <b>Material:</b> Copper DWV or Type M / Cast Iron	486	LF	0%	486.00	\$ -	\$ -	\$ -	
328	(2".Dia) Sanitary Pipe 'SAN' - <b>Material:</b> Hubless Cast Iron / Service Class Cast Iron	50	LF	0%	50.00	\$ -	\$ -	\$ -	
329	(3".Dia) Sanitary Pipe 'SAN' - <b>Material:</b> Hubless Cast Iron / Service Class Cast Iron	19	LF	0%	19.00	\$ -	\$ -	\$ -	
330	(4".Dia) Sanitary Pipe 'SAN' - <b>Material:</b> Hubless Cast Iron / Service Class Cast Iron	124	LF	0%	124.00	\$ -	\$ -	\$ -	
	<b>Vent Pipe 'V'</b>								
331	(1-1/2".Dia) Vent Pipe 'V' - <b>Material:</b> Copper DWV or Type M	571	LF	0%	571.00	\$ -	\$ -	\$ -	
332	(2".Dia) Vent Pipe 'V' - <b>Material:</b> Hubless Cast Iron	559	LF	0%	559.00	\$ -	\$ -	\$ -	
333	(3".Dia) Vent Pipe 'V' - <b>Material:</b> Hubless Cast Iron	32	LF	0%	32.00	\$ -	\$ -	\$ -	
	<b>Fittings</b>								
	<b>Bends</b>								
334	(1-1/2".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	21	EA	0%	21.00	\$ -	\$ -	\$ -	
335	(1-1/2".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	64	EA	0%	64.00	\$ -	\$ -	\$ -	
336	(2".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	3	EA	0%	3.00	\$ -	\$ -	\$ -	
337	(2".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
338	(4".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
339	(4".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	20	EA	0%	20.00	\$ -	\$ -	\$ -	
340	(1-1/2".Dia & 45 Degree) Vent Pipe 'V' Bend	44	EA	0%	44.00	\$ -	\$ -	\$ -	
341	(1-1/2".Dia & 90 Degree) Vent Pipe 'V' Bend	70	EA	0%	70.00	\$ -	\$ -	\$ -	
342	(2".Dia & 45 Degree) Vent Pipe 'V' Bend	12	EA	0%	12.00	\$ -	\$ -	\$ -	
343	(2".Dia & 90 Degree) Vent Pipe 'V' Bend	42	EA	0%	42.00	\$ -	\$ -	\$ -	
344	(3".Dia & 45 Degree) Vent Pipe 'V' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
345	(3".Dia & 90 Degree) Vent Pipe 'V' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
	<b>Tees</b>								
346	(1-1/2".Dia & 90 Degree) Sanitary Pipe 'SAN' Tee	12	EA	0%	12.00	\$ -	\$ -	\$ -	
347	(2".Dia & 90 Degree) Sanitary Pipe 'SAN' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
348	(3".Dia & 90 Degree) Sanitary Pipe 'SAN' Tee	1	EA	0%	1.00	\$ -	\$ -	\$ -	
349	(4".Dia & 45 Degree) Sanitary Pipe 'SAN' Tee	8	EA	0%	8.00	\$ -	\$ -	\$ -	
350	(4".Dia & 90 Degree) Sanitary Pipe 'SAN' Tee	12	EA	0%	12.00	\$ -	\$ -	\$ -	
351	(1-1/2".Dia & 45 Degree) Vent Pipe 'V' Tee	12	EA	0%	12.00	\$ -	\$ -	\$ -	
352	(1-1/2".Dia & 90 Degree) Vent Pipe 'V' Tee	42	EA	0%	42.00	\$ -	\$ -	\$ -	
353	(2".Dia & 45 Degree) Vent Pipe 'V' Tee	4	EA	0%	4.00	\$ -	\$ -	\$ -	
354	(2".Dia & 90 Degree) Vent Pipe 'V' Tee	50	EA	0%	50.00	\$ -	\$ -	\$ -	
355	(3".Dia & 45 Degree) Vent Pipe 'V' Tee	1	EA	0%	1.00	\$ -	\$ -	\$ -	
356	(3".Dia & 90 Degree) Vent Pipe 'V' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
	<b>Connections</b>								
357	(1-1/2".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	47	EA	0%	47.00	\$ -	\$ -	\$ -	
358	(2".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	4	EA	0%	4.00	\$ -	\$ -	\$ -	
359	(3".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	
360	(4".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	18	EA	0%	18.00	\$ -	\$ -	\$ -	
361	(2".Dia) Vent Pipe 'V' Connection From Existing To New	18	EA	0%	18.00	\$ -	\$ -	\$ -	
	<b>Fixtures</b>								
362	(3".Dia) Floor clean Out 'FCO'	1	EA	0%	1.00	\$ -	\$ -	\$ -	
363	(4".Dia) Wall clean Out 'WCO'	6	EA	0%	6.00	\$ -	\$ -	\$ -	
364	Bottle Filler 'BF1' - <b>Model No:</b> HAWS - # 2000S	3	EA	0%	3.00	\$ -	\$ -	\$ -	

PROJECT :

Estimated By:



Galaxy Estimating

CLIENT	
DATE	
Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
365	Dialysis Box 'DB1' - <b>Manufacturer:</b> IPS - <b>Model No:</b> # DBSS1DSV	2	EA	0%	2.00	\$ -	\$ -	\$ -	
366	Drop In Sink 'SK1' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> OVALYN # 0496200.020	13	EA	0%	13.00	\$ -	\$ -	\$ -	
367	Electronic Trap Primer Valve 'TP2' - <b>Manufacturer:</b> PRECISION PLUMBING PRODUCT - <b>Model No:</b> # PTS-4	1	EA	0%	1.00	\$ -	\$ -	\$ -	
368	Emergency Shower 'ESH1' - <b>Manufacturer:</b> GUARDIAN - <b>Model No:</b> #G1691	2	EA	0%	2.00	\$ -	\$ -	\$ -	
369	Eye Wash Sink 'EW1' - <b>Manufacturer:</b> SPEAKMAN - <b>Model No:</b> # SEF-1815-B-ST	4	EA	0%	4.00	\$ -	\$ -	\$ -	
370	Fountain Drinking 'EWC1' - <b>Manufacturer:</b> ELKAY EZH20 - <b>Model No:</b> # LZWS-LRPBM28K	1	EA	0%	1.00	\$ -	\$ -	\$ -	
371	Mop Receptor 'MR1' - <b>Manufacturer:</b> STERN WILLAMS - <b>Model No:</b> # HL-1810	3	EA	0%	3.00	\$ -	\$ -	\$ -	
372	Solid Surface Lavatory 'L1' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> LUCERNE # 0356.015	1	EA	0%	1.00	\$ -	\$ -	\$ -	
373	Solid Surface Lavatory 'L2' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> LUCERNE # 0356.015	8	EA	0%	8.00	\$ -	\$ -	\$ -	
374	Supply And Drain Box 'SDB1' - <b>Manufacturer:</b> OATEY 'MODA' - <b>Model No:</b> # 3037974	2	EA	0%	2.00	\$ -	\$ -	\$ -	
375	Walk Hung Lavatory 'L3' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> LUCERNE # 0356.015	50	EA	0%	50.00	\$ -	\$ -	\$ -	
376	Wall Hydrant 'WH1' - <b>Manufacturer:</b> Watte - <b>Model No:</b> # HY-725	2	EA	0%	2.00	\$ -	\$ -	\$ -	
377	Water Closet 'WC1' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> PRIOLO # 3696.001	9	EA	0%	9.00	\$ -	\$ -	\$ -	
378	Water Closet 'WC2' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> PRIOLO # 3696.002	4	EA	0%	4.00	\$ -	\$ -	\$ -	
379	Water Closet 'WC3' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> PRIOLO # 3696.003	10	EA	0%	10.00	\$ -	\$ -	\$ -	
<b>P - Traps</b>									
380	(1-1/2".Dia) P - Trap	84	EA	0%	84.00	\$ -	\$ -	\$ -	
381	(4".Dia) P - Trap	23	EA	0%	23.00	\$ -	\$ -	\$ -	
<b>Risers</b>									
382	(1-1/2".Dia) Vent Pipe Riser (63 EA & 8'-0" H)	504	LF	0%	504.00	\$ -	\$ -	\$ -	
383	(2".Dia) Vent Pipe Riser (19 EA & 8'-0" H)	152	LF	0%	152.00	\$ -	\$ -	\$ -	
<b>THIRD FLOOR</b>									
<b>Piping</b>									
<b>Sanitary Drainage Pipe 'SAN'</b>									
384	(1-1/2".Dia) Sanitary Pipe 'SAN' - <b>Material:</b> Copper DWV or Type M / Cast Iron	558	LF	0%	558.00	\$ -	\$ -	\$ -	
385	(2".Dia) Sanitary Pipe 'SAN' - <b>Material:</b> Hubless Cast Iron / Service Class Cast Iron	506	LF	0%	506.00	\$ -	\$ -	\$ -	
386	(3".Dia) Sanitary Pipe 'SAN' - <b>Material:</b> Hubless Cast Iron / Service Class Cast Iron	68	LF	0%	68.00	\$ -	\$ -	\$ -	
387	(4".Dia) Sanitary Pipe 'SAN' - <b>Material:</b> Hubless Cast Iron / Service Class Cast Iron	483	LF	0%	483.00	\$ -	\$ -	\$ -	
<b>Vent Pipe 'V'</b>									
388	(1-1/2".Dia) Vent Pipe 'V' - <b>Material:</b> Copper DWV or Type M	694	LF	0%	694.00	\$ -	\$ -	\$ -	
389	(2".Dia) Vent Pipe 'V' - <b>Material:</b> Hubless Cast Iron	360	LF	0%	360.00	\$ -	\$ -	\$ -	
<b>Fittings</b>									
<b>Bends</b>									
390	(1-1/2".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	30	EA	0%	30.00	\$ -	\$ -	\$ -	
391	(1-1/2".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	98	EA	0%	98.00	\$ -	\$ -	\$ -	
392	(2".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	46	EA	0%	46.00	\$ -	\$ -	\$ -	
393	(2".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	48	EA	0%	48.00	\$ -	\$ -	\$ -	
394	(3".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
395	(2".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
396	(4".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	42	EA	0%	42.00	\$ -	\$ -	\$ -	
397	(4".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	36	EA	0%	36.00	\$ -	\$ -	\$ -	
398	(1-1/2".Dia & 45 Degree) Vent Pipe 'V' Bend	22	EA	0%	22.00	\$ -	\$ -	\$ -	
399	(1-1/2".Dia & 90 Degree) Vent Pipe 'V' Bend	78	EA	0%	78.00	\$ -	\$ -	\$ -	
400	(2".Dia & 45 Degree) Vent Pipe 'V' Bend	28	EA	0%	28.00	\$ -	\$ -	\$ -	
401	(2".Dia & 90 Degree) Vent Pipe 'V' Bend	42	EA	0%	42.00	\$ -	\$ -	\$ -	
<b>Tees</b>									
402	(1-1/2".Dia & 90 Degree) Sanitary Pipe 'SAN' Tee	26	EA	0%	26.00	\$ -	\$ -	\$ -	
403	(2".Dia & 45 Degree) Sanitary Pipe 'SAN' Tee	14	EA	0%	14.00	\$ -	\$ -	\$ -	
404	(2".Dia & 90 Degree) Sanitary Pipe 'SAN' Tee	26	EA	0%	26.00	\$ -	\$ -	\$ -	
405	(3".Dia & 45 Degree) Sanitary Pipe 'SAN' Tee	6	EA	0%	6.00	\$ -	\$ -	\$ -	
406	(4".Dia & 45 Degree) Sanitary Pipe 'SAN' Tee	72	EA	0%	72.00	\$ -	\$ -	\$ -	
407	(4".Dia & 90 Degree) Sanitary Pipe 'SAN' Tee	16	EA	0%	16.00	\$ -	\$ -	\$ -	
408	(1-1/2".Dia & 45 Degree) Vent Pipe 'V' Tee	4	EA	0%	4.00	\$ -	\$ -	\$ -	
409	(1-1/2".Dia & 90 Degree) Vent Pipe 'V' Tee	6	EA	0%	6.00	\$ -	\$ -	\$ -	
410	(2".Dia & 90 Degree) Vent Pipe 'V' Tee	46	EA	0%	46.00	\$ -	\$ -	\$ -	
<b>Connections</b>									
411	(2".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	6	EA	0%	6.00	\$ -	\$ -	\$ -	
412	(3".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	4	EA	0%	4.00	\$ -	\$ -	\$ -	

PROJECT :

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Galaxy Estimating

CLIENT	
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Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
413	(4".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	8	EA	0%	8.00	\$ -	\$ -	\$ -	
414	(1-1/2".Dia) Vent Pipe 'V' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	
415	(2".Dia) Vent Pipe 'V' Connection From Existing To New	12	EA	0%	12.00	\$ -	\$ -	\$ -	
	<b>Fixtures</b>								
416	Bottle Filler 'BF1' - Model No: HAWS - # 2000S	2	EA	0%	2.00	\$ -	\$ -	\$ -	
417	Dialysis Box 'DB1' - Manufacturer: IPS - Model No: # DBSS1DSV	26	EA	0%	26.00	\$ -	\$ -	\$ -	
418	Drop In Sink 'SK1' - Manufacturer: AMERICAN STANDARD - Model No: OVALYN # 0496200.020	7	EA	0%	7.00	\$ -	\$ -	\$ -	
419	Electronic Trap Primer Valve 'TP2' - Manufacturer: PRECISION PLUMBING PRODUCT - Model No: # PTS-4	8	EA	0%	8.00	\$ -	\$ -	\$ -	
420	Eye Wash Sink 'EW1' - Manufacturer: SPEAKMAN - Model No: # SEF-1815-B-ST	1	EA	0%	1.00	\$ -	\$ -	\$ -	
421	Mop Receptor 'MR1' - Manufacturer: STERN WILLAMS - Model No: # HL-1810	1	EA	0%	1.00	\$ -	\$ -	\$ -	
422	Solid Surface Lavatory 'L1' - Manufacturer: AMERICAN STANDARD - Model No: LUCERNE # 0356.015	52	EA	0%	52.00	\$ -	\$ -	\$ -	
423	Solid Surface Lavatory 'L2' - Manufacturer: AMERICAN STANDARD - Model No: LUCERNE # 0356.015	2	EA	0%	2.00	\$ -	\$ -	\$ -	
424	Solid Surface Sink 'SK2' - Manufacturer: AMERICAN STANDARD - Model No: OVALYN # 0496200.021	4	EA	0%	4.00	\$ -	\$ -	\$ -	
425	Supply And Drain Box 'SDB1' - Manufacturer: OATEY 'MODA' - Model No: # 3037974	3	EA	0%	3.00	\$ -	\$ -	\$ -	
426	Walk Hung Lavatory 'L3' - Manufacturer: AMERICAN STANDARD - Model No: LUCERNE # 0356.015	4	EA	0%	4.00	\$ -	\$ -	\$ -	
427	Water Closet 'WC1' - Manufacturer: AMERICAN STANDARD - Model No: PRIOLO # 3696.001	26	EA	0%	26.00	\$ -	\$ -	\$ -	
428	Water Closet 'WC2' - Manufacturer: AMERICAN STANDARD - Model No: PRIOLO # 3696.002	2	EA	0%	2.00	\$ -	\$ -	\$ -	
429	Water Closet 'WC3' - Manufacturer: AMERICAN STANDARD - Model No: PRIOLO # 3696.003	2	EA	0%	2.00	\$ -	\$ -	\$ -	
	<b>P - Traps</b>								
430	(1-1/2".Dia) P - Trap	96	EA	0%	96.00	\$ -	\$ -	\$ -	
431	(4".Dia) P - Trap	30	EA	0%	30.00	\$ -	\$ -	\$ -	
	<b>Risers</b>								
432	(1-1/2".Dia) Vent Pipe Riser (44 EA & 8'-0" H)	352	LF	0%	352.00	\$ -	\$ -	\$ -	
433	(2".Dia) Vent Pipe Riser (30 EA & 8'-0" H)	240	LF	0%	240.00	\$ -	\$ -	\$ -	
	<b>FOURTH FLOOR</b>								
	<b>Piping</b>								
	<b>Sanitary Drainage Pipe 'SAN'</b>								
434	(1-1/2".Dia) Sanitary Pipe 'SAN' - Material: Copper DWV or Type M / Cast Iron	618	LF	0%	618.00	\$ -	\$ -	\$ -	
435	(2".Dia) Sanitary Pipe 'SAN' - Material: Hubless Cast Iron / Service Class Cast Iron	592	LF	0%	592.00	\$ -	\$ -	\$ -	
436	(3".Dia) Sanitary Pipe 'SAN' - Material: Hubless Cast Iron / Service Class Cast Iron	162	LF	0%	162.00	\$ -	\$ -	\$ -	
437	(4".Dia) Sanitary Pipe 'SAN' - Material: Hubless Cast Iron / Service Class Cast Iron	352	LF	0%	352.00	\$ -	\$ -	\$ -	
	<b>Vent Pipe 'V'</b>								
438	(1-1/2".Dia) Vent Pipe 'V' - Material: Copper DWV or Type M	738	LF	0%	738.00	\$ -	\$ -	\$ -	
439	(2".Dia) Vent Pipe 'V' - Material: Hubless Cast Iron	345	LF	0%	345.00	\$ -	\$ -	\$ -	
	<b>Fittings</b>								
	<b>Bends</b>								
440	(1-1/2".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	36	EA	0%	36.00	\$ -	\$ -	\$ -	
441	(1-1/2".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	48	EA	0%	48.00	\$ -	\$ -	\$ -	
442	(2".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	80	EA	0%	80.00	\$ -	\$ -	\$ -	
443	(2".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	32	EA	0%	32.00	\$ -	\$ -	\$ -	
444	(3".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
445	(3".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
446	(4".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	36	EA	0%	36.00	\$ -	\$ -	\$ -	
447	(4".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	38	EA	0%	38.00	\$ -	\$ -	\$ -	
448	(1-1/2".Dia & 45 Degree) Vent Pipe 'V' Bend	46	EA	0%	46.00	\$ -	\$ -	\$ -	
449	(1-1/2".Dia & 90 Degree) Vent Pipe 'V' Bend	87	EA	0%	87.00	\$ -	\$ -	\$ -	
450	(2".Dia & 45 Degree) Vent Pipe 'V' Bend	14	EA	0%	14.00	\$ -	\$ -	\$ -	
451	(2".Dia & 90 Degree) Vent Pipe 'V' Bend	18	EA	0%	18.00	\$ -	\$ -	\$ -	
	<b>Tees</b>								
452	(1-1/2".Dia & 45 Degree) Sanitary Pipe 'SAN' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
453	(1-1/2".Dia & 90 Degree) Sanitary Pipe 'SAN' Tee	56	EA	0%	56.00	\$ -	\$ -	\$ -	
454	(2".Dia & 45 Degree) Sanitary Pipe 'SAN' Tee	26	EA	0%	26.00	\$ -	\$ -	\$ -	
455	(2".Dia & 90 Degree) Sanitary Pipe 'SAN' Tee	20	EA	0%	20.00	\$ -	\$ -	\$ -	
456	(3".Dia & 45 Degree) Sanitary Pipe 'SAN' Tee	16	EA	0%	16.00	\$ -	\$ -	\$ -	
457	(4".Dia & 45 Degree) Sanitary Pipe 'SAN' Tee	40	EA	0%	40.00	\$ -	\$ -	\$ -	
458	(4".Dia & 90 Degree) Sanitary Pipe 'SAN' Tee	10	EA	0%	10.00	\$ -	\$ -	\$ -	
459	(1-1/2".Dia & 90 Degree) Vent Pipe 'V' Tee	26	EA	0%	26.00	\$ -	\$ -	\$ -	
460	(2".Dia & 45 Degree) Vent Pipe 'V' Tee	6	EA	0%	6.00	\$ -	\$ -	\$ -	
461	(2".Dia & 90 Degree) Vent Pipe 'V' Tee	44	EA	0%	44.00	\$ -	\$ -	\$ -	
	<b>Connections</b>								
462	(1".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	



PROJECT :

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Galaxy Estimating

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Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
463	(2".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	6	EA	0%	6.00	\$ -	\$ -	\$ -	
464	(3".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	
465	(4".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	12	EA	0%	12.00	\$ -	\$ -	\$ -	
466	(2".Dia) Vent Pipe 'V' Connection From Existing To New	12	EA	0%	12.00	\$ -	\$ -	\$ -	
	<b>Transitions</b>								
467	(3".Dia To 2".Dia) Sanitary Drainage Pipe 'SAN' Transiotns	12	EA	0%	12.00	\$ -	\$ -	\$ -	
	<b>Fixtures</b>								
468	(3" Wide) Trench Drain 'TD' - <b>Manufacturer:</b> SCHLUTER - KERDI LINE STYLE - <b>Model No:</b> # KL1FE 23 EB 120	73	LF	0%	73.00	\$ -	\$ -	\$ -	
469	(4" .Dia) Floor clean Out 'FCO'	2	EA	0%	2.00	\$ -	\$ -	\$ -	
470	Bottle Filler 'BF1' - <b>Model No:</b> HAWS - # 20005	2	EA	0%	2.00	\$ -	\$ -	\$ -	
471	Dialysis Box 'DB1' - <b>Manufacturer:</b> IPS - <b>Model No:</b> # DBSS1DSV	28	EA	0%	28.00	\$ -	\$ -	\$ -	
472	Drop In Sink 'SK1' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> OVALYN # 0496200.020	6	EA	0%	6.00	\$ -	\$ -	\$ -	
473	Electronic Trap Primer Valve 'TP2' - <b>Manufacturer:</b> PRECISION PLUMBING PRODUCT - <b>Model No:</b> # PTS-4	8	EA	0%	8.00	\$ -	\$ -	\$ -	
474	Mop Receptor 'MR1' - <b>Manufacturer:</b> STERN WILLAMS - <b>Model No:</b> # HL-1810	1	EA	0%	1.00	\$ -	\$ -	\$ -	
475	Shower 'SH1' - <b>Manufacturer:</b> CLARION BATHWARE - <b>Model No:</b> # MF3837LBF34	24	EA	0%	24.00	\$ -	\$ -	\$ -	
476	Solid Surface Lavatory 'L1' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> LUCERNE # 0356.015	48	EA	0%	48.00	\$ -	\$ -	\$ -	
477	Solid Surface Lavatory 'L2' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> LUCERNE # 0356.015	2	EA	0%	2.00	\$ -	\$ -	\$ -	
478	Solid Surface Sink 'SK2' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> OVALYN # 0496200.021	4	EA	0%	4.00	\$ -	\$ -	\$ -	
479	Supply And Drain Box 'SDB1' - <b>Manufacturer:</b> OATEY 'MODA' - <b>Model No:</b> # 3037974	3	EA	0%	3.00	\$ -	\$ -	\$ -	
480	Walk Hung Lavatory 'L3' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> LUCERNE # 0356.015	4	EA	0%	4.00	\$ -	\$ -	\$ -	
481	Water Closet 'WC1' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> PRIOLO # 3696.001	24	EA	0%	24.00	\$ -	\$ -	\$ -	
482	Water Closet 'WC2' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> PRIOLO # 3696.002	2	EA	0%	2.00	\$ -	\$ -	\$ -	
483	Water Closet 'WC3' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> PRIOLO # 3696.003	2	EA	0%	2.00	\$ -	\$ -	\$ -	
	<b>P - Traps</b>								
484	(1-1/2".Dia) P - Trap	120	EA	0%	120.00	\$ -	\$ -	\$ -	
485	(4".Dia) P - Trap	28	EA	0%	28.00	\$ -	\$ -	\$ -	
	<b>Risers</b>								
486	(1-1/2".Dia) Vent Pipe Riser (73 EA & 8'-0" H)	584	LF	0%	584.00	\$ -	\$ -	\$ -	
487	(2".Dia) Vent Pipe Riser (22 EA & 8'-0" H)	176	LF	0%	176.00	\$ -	\$ -	\$ -	
	<b>FIFTH FLOOR</b>								
	<b>Piping</b>								
	<b>Sanitary Drainage Pipe 'SAN'</b>								
488	(1-1/2".Dia) Sanitary Pipe 'SAN' - <b>Material:</b> Copper DWV or Type M / Cast Iron	525	LF	0%	525.00	\$ -	\$ -	\$ -	
489	(2".Dia) Sanitary Pipe 'SAN' - <b>Material:</b> Hubless Cast Iron / Service Class Cast Iron	484	LF	0%	484.00	\$ -	\$ -	\$ -	
490	(3".Dia) Sanitary Pipe 'SAN' - <b>Material:</b> Hubless Cast Iron / Service Class Cast Iron	149	LF	0%	149.00	\$ -	\$ -	\$ -	
491	(4".Dia) Sanitary Pipe 'SAN' - <b>Material:</b> Hubless Cast Iron / Service Class Cast Iron	382	LF	0%	382.00	\$ -	\$ -	\$ -	
	<b>Vent Pipe 'V'</b>								
492	(1-1/2".Dia) Vent Pipe 'V' - <b>Material:</b> Copper DWV or Type M	654	LF	0%	654.00	\$ -	\$ -	\$ -	
493	(2".Dia) Vent Pipe 'V' - <b>Material:</b> Hubless Cast Iron	326	LF	0%	326.00	\$ -	\$ -	\$ -	
	<b>Fittings</b>								
	<b>Bends</b>								
494	(1-1/2".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	20	EA	0%	20.00	\$ -	\$ -	\$ -	
495	(1-1/2".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	36	EA	0%	36.00	\$ -	\$ -	\$ -	
496	(2".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	28	EA	0%	28.00	\$ -	\$ -	\$ -	
497	(2".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	42	EA	0%	42.00	\$ -	\$ -	\$ -	
498	(3".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	12	EA	0%	12.00	\$ -	\$ -	\$ -	
499	(4".Dia & 45 Degree) Sanitary Pipe 'SAN' Bend	26	EA	0%	26.00	\$ -	\$ -	\$ -	
500	(4".Dia & 90 Degree) Sanitary Pipe 'SAN' Bend	28	EA	0%	28.00	\$ -	\$ -	\$ -	
501	(1-1/2".Dia & 45 Degree) Vent Pipe 'V' Bend	50	EA	0%	50.00	\$ -	\$ -	\$ -	
502	(1-1/2".Dia & 90 Degree) Vent Pipe 'V' Bend	76	EA	0%	76.00	\$ -	\$ -	\$ -	
503	(2".Dia & 45 Degree) Vent Pipe 'V' Bend	14	EA	0%	14.00	\$ -	\$ -	\$ -	
504	(2".Dia & 90 Degree) Vent Pipe 'V' Bend	20	EA	0%	20.00	\$ -	\$ -	\$ -	
	<b>Tees</b>								
505	(1-1/2".Dia & 45 Degree) Sanitary Pipe 'SAN' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
506	(1-1/2".Dia & 90 Degree) Sanitary Pipe 'SAN' Tee	52	EA	0%	52.00	\$ -	\$ -	\$ -	
507	(2".Dia & 45 Degree) Sanitary Pipe 'SAN' Tee	14	EA	0%	14.00	\$ -	\$ -	\$ -	
508	(2".Dia & 90 Degree) Sanitary Pipe 'SAN' Tee	20	EA	0%	20.00	\$ -	\$ -	\$ -	
509	(3".Dia & 45 Degree) Sanitary Pipe 'SAN' Tee	16	EA	0%	16.00	\$ -	\$ -	\$ -	
510	(4".Dia & 45 Degree) Sanitary Pipe 'SAN' Tee	28	EA	0%	28.00	\$ -	\$ -	\$ -	

PROJECT :

Estimated By:



Galaxy Estimating

CLIENT	
DATE	
Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
511	(4".Dia & 90 Degree) Sanitary Pipe 'SAN' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
512	(1-1/2".Dia & 90 Degree) Vent Pipe 'V' Tee	20	EA	0%	20.00	\$ -	\$ -	\$ -	
513	(1-1/2".Dia & 45 Degree) Vent Pipe 'V' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
514	(2".Dia & 45 Degree) Vent Pipe 'V' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
515	(2".Dia & 90 Degree) Vent Pipe 'V' Tee	44	EA	0%	44.00	\$ -	\$ -	\$ -	
<b>Connections</b>									
516	(1".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
517	(2".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	
518	(3".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	
519	(4".Dia) Sanitary Pipe 'SAN' Connection From Existing To New	12	EA	0%	12.00	\$ -	\$ -	\$ -	
<b>Transitions</b>									
520	(3".Dia To 2".Dia) Sanitary Drainage Pipe 'SAN' Transiotns	12	EA	0%	12.00	\$ -	\$ -	\$ -	
<b>Fixtures</b>									
521	(3" Wide) Trench Drain 'TD' - <b>Manufacturer:</b> SCHLUTER - KERDI LINE STYLE - <b>Model No:</b> # KL1FE 23 EB 120	73	LF	0%	73.00	\$ -	\$ -	\$ -	
522	(4" .Dia) Floor clean Out 'FCO'	7	EA	0%	7.00	\$ -	\$ -	\$ -	
523	Bottle Filler 'BF1' - <b>Model No:</b> HAWS - # 2000S	2	EA	0%	2.00	\$ -	\$ -	\$ -	
524	Dialysis Box 'DB1' - <b>Manufacturer:</b> IPS - <b>Model No:</b> # DBSS1DSV	6	EA	0%	6.00	\$ -	\$ -	\$ -	
525	Drop In Sink 'SK1' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> OVALYN # 0496200.020	6	EA	0%	6.00	\$ -	\$ -	\$ -	
526	Electronic Trap Primer Valve 'TP2' - <b>Manufacturer:</b> PRECISION PLUMBING PRODUCT - <b>Model No:</b> # PTS-4	3	EA	0%	3.00	\$ -	\$ -	\$ -	
527	Shower 'SH1' - <b>Manufacturer:</b> CLARION BATHWARE - <b>Model No:</b> # MF3837LBF34	24	EA	0%	24.00	\$ -	\$ -	\$ -	
528	Solid Surface Lavatory 'L1' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> LUCERNE # 0356.015	48	EA	0%	48.00	\$ -	\$ -	\$ -	
529	Solid Surface Lavatory 'L2' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> LUCERNE # 0356.015	2	EA	0%	2.00	\$ -	\$ -	\$ -	
530	Solid Surface Sink 'SK2' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> OVALYN # 0496200.021	4	EA	0%	4.00	\$ -	\$ -	\$ -	
531	Supply And Drain Box 'SDB1' - <b>Manufacturer:</b> OATEY 'MODA' - <b>Model No:</b> # 3037974	3	EA	0%	3.00	\$ -	\$ -	\$ -	
532	Walk Hung Lavatory 'L3' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> LUCERNE # 0356.015	4	EA	0%	4.00	\$ -	\$ -	\$ -	
533	Water Closet 'WC1' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> PRIOLO # 3696.001	24	EA	0%	24.00	\$ -	\$ -	\$ -	
534	Water Closet 'WC2' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> PRIOLO # 3696.002	2	EA	0%	2.00	\$ -	\$ -	\$ -	
535	Water Closet 'WC3' - <b>Manufacturer:</b> AMERICAN STANDARD - <b>Model No:</b> PRIOLO # 3696.003	2	EA	0%	2.00	\$ -	\$ -	\$ -	
<b>P - Traps</b>									
536	(1-1/2".Dia) P - Trap	120	EA	0%	120.00	\$ -	\$ -	\$ -	
537	(4".Dia) P - Trap	28	EA	0%	28.00	\$ -	\$ -	\$ -	
<b>Risers</b>									
538	(1-1/2".Dia) Vent Pipe Riser (72 EA & 8'-0" H)	576	LF	0%	576.00	\$ -	\$ -	\$ -	
539	(2".Dia) Vent Pipe Riser (15 EA & 8'-0" H)	120	LF	0%	120.00	\$ -	\$ -	\$ -	
<b>Hangers , Supports / Rods &amp; Clamps</b>									
<b>Hangers , Supports / Rods (Horizontal Piping)</b>									
540	Hangers , Supports / Rods For (1-1/2".Dia) Pipe - (3/8") Rod	1027	EA	0%	1027.00	\$ -	\$ -	\$ -	
541	Hangers , Supports / Rods For (2".Dia) Pipe - (1/2") Rod	685	EA	0%	685.00	\$ -	\$ -	\$ -	
542	Hangers , Supports / Rods For (3".Dia) Pipe - (1/2") Rod	86	EA	0%	86.00	\$ -	\$ -	\$ -	
543	Hangers , Supports / Rods For (4".Dia) Pipe - (3/4") Rod	272	EA	0%	272.00	\$ -	\$ -	\$ -	
<b>Clamps (Vertical Piping)</b>									
544	MSS Type 8 or 42, Clamps	220	EA	0%	220.00	\$ -	\$ -	\$ -	
<b>Medical Gas</b>									
<b>FIRST FLOOR</b>									
<b>Piping</b>									
<b>Oxygen Pipe 'OX'</b>									
545	(1/2".Dia) Oxygen Pipe 'OX' - <b>Material:</b> Copper Type - L	283	LF	0%	283.00	\$ -	\$ -	\$ -	
546	(3/4".Dia) Oxygen Pipe 'OX' - <b>Material:</b> Copper Type - L	279	LF	0%	279.00	\$ -	\$ -	\$ -	
<b>Medical Air Pipe 'MA'</b>									
547	(1/2".Dia) Medical Air Pipe 'MA' - <b>Material:</b> Copper Type - L	301	LF	0%	301.00	\$ -	\$ -	\$ -	
548	(3/4".Dia) Medical Air Pipe 'MA' - <b>Material:</b> Copper Type - L	260	LF	0%	260.00	\$ -	\$ -	\$ -	
<b>Medical Vacuum Pipe 'MV'</b>									
549	(3/4".Dia) Medical Vacuum Pipe 'MV' - <b>Material:</b> Copper Type - L	80	LF	0%	80.00	\$ -	\$ -	\$ -	
550	(1".Dia) Medical Vacuum Pipe 'MV' - <b>Material:</b> Copper Type - L	192	LF	0%	192.00	\$ -	\$ -	\$ -	
551	(2".Dia) Medical Vacuum Pipe 'MV' - <b>Material:</b> Copper Type - L	86	LF	0%	86.00	\$ -	\$ -	\$ -	



PROJECT :

Estimated By:



CLIENT	
DATE	
Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
615	(1/2".Dia) Medical Air Pipe 'MA' - Material: Copper Type - L	649	LF	0%	649.00	\$ -	\$ -	\$ -	
616	(3/4".Dia) Medical Air Pipe 'MA' - Material: Copper Type - L	546	LF	0%	546.00	\$ -	\$ -	\$ -	
617	(1".Dia) Medical Air Pipe 'MA' - Material: Copper Type - L	3	LF	0%	3.00	\$ -	\$ -	\$ -	
	<b>Fittings</b>								
	<b>Bends</b>								
618	(1".Dia & 90 Degree) Oxygen Pipe 'CW' Bend	1	EA	0%	1.00	\$ -	\$ -	\$ -	
619	(1/2".Dia & 90 Degree) Oxygen Pipe 'CW' Bend	120	EA	0%	120.00	\$ -	\$ -	\$ -	
620	(3/4".Dia & 90 Degree) Oxygen Pipe 'CW' Bend	8	EA	0%	8.00	\$ -	\$ -	\$ -	
621	(3/4".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Bend	101	EA	0%	101.00	\$ -	\$ -	\$ -	
622	(1".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Bend	19	EA	0%	19.00	\$ -	\$ -	\$ -	
623	(1 1/2".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Bend	5	EA	0%	5.00	\$ -	\$ -	\$ -	
624	(1 1/4".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
625	(1/2".Dia & 90 Degree) Medical Air Pipe 'MA' Bend	116	EA	0%	116.00	\$ -	\$ -	\$ -	
626	(3/4".Dia & 90 Degree) Medical Air Pipe 'MA' Bend	18	EA	0%	18.00	\$ -	\$ -	\$ -	
	<b>Tees</b>								
627	(1".Dia & 90 Degree) Oxygen Pipe 'CW' Tee	1	EA	0%	1.00	\$ -	\$ -	\$ -	
628	(1/2".Dia & 90 Degree) Oxygen Pipe 'CW' Tee	23	EA	0%	23.00	\$ -	\$ -	\$ -	
629	(3/4".Dia & 90 Degree) Oxygen Pipe 'CW' Tee	19	EA	0%	19.00	\$ -	\$ -	\$ -	
630	(3/4".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	12	EA	0%	12.00	\$ -	\$ -	\$ -	
631	(1".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	26	EA	0%	26.00	\$ -	\$ -	\$ -	
632	(1 1/2".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
633	(1 1/4".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
634	(1/2".Dia & 90 Degree) Medical Air Pipe 'MA' Tee	18	EA	0%	18.00	\$ -	\$ -	\$ -	
635	(3/4".Dia & 90 Degree) Medical Air Pipe 'MA' Tee	25	EA	0%	25.00	\$ -	\$ -	\$ -	
	<b>Valves</b>								
636	(1/2".Dia) Isolation Valve 'IV'	2	EA	0%	2.00	\$ -	\$ -	\$ -	
637	(1 1/4".Dia) Isolation Valve 'IV'	2	EA	0%	2.00	\$ -	\$ -	\$ -	
638	(1".Dia) Isolation Valve 'IV'	1	EA	0%	1.00	\$ -	\$ -	\$ -	
639	(3/4".Dia) Isolation Valve 'IV'	4	EA	0%	4.00	\$ -	\$ -	\$ -	
640	(1/2".Dia) Shut - Off Valve 'SOV'	12	EA	0%	12.00	\$ -	\$ -	\$ -	
641	(3/4".Dia) Shut - Off Valve 'SOV'	3	EA	0%	3.00	\$ -	\$ -	\$ -	
642	(1".Dia) Shut - Off Valve 'SOV'	3	EA	0%	3.00	\$ -	\$ -	\$ -	
	<b>Gauges</b>								
643	(1/2".Dia) Vacuum / Pressure Gauge	12	EA	0%	12.00	\$ -	\$ -	\$ -	
644	(3/4".Dia) Vacuum / Pressure Gauge	3	EA	0%	3.00	\$ -	\$ -	\$ -	
645	(1".Dia) Vacuum / Pressure Gauge	3	EA	0%	3.00	\$ -	\$ -	\$ -	
	<b>Connections</b>								
646	(1".Dia) Oxygen Pipe 'CW' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
647	(1/2".Dia) Oxygen Pipe 'CW' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
648	(3/4".Dia) Medical Vacuum Pipe 'MV' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
649	(1 1/2".Dia) Medical Vacuum Pipe 'MV' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
650	(3/4".Dia) Medical Air Pipe 'MA' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	
	<b>Fixtures</b>								
651	Medican Gas Zone Valve Box 'MGZV3'	3	EA	0%	3.00	\$ -	\$ -	\$ -	
652	Medican Gas Zone Valve Box 'MGZV3A'	3	EA	0%	3.00	\$ -	\$ -	\$ -	
653	Medican Gas Zone Valve Box 'MGZV3C'	1	EA	0%	1.00	\$ -	\$ -	\$ -	
654	Medican Gas Area Alarm Panel 'MGAP3'	5	EA	0%	5.00	\$ -	\$ -	\$ -	
	<b>Droppers</b>								
655	(1/2".Dia) Oxygen Pipe Dropper (44 EA & 7'-0" H)	308	LF	0%	308.00	\$ -	\$ -	\$ -	
656	(1/2".Dia) Medical Air Pipe Dropper (42 EA & 7'-0" H)	294	LF	0%	294.00	\$ -	\$ -	\$ -	
657	(3/4".Dia) Medical Vacuum Pipe Dropper (46 EA & 7'-0" H)	322	LF	0%	322.00	\$ -	\$ -	\$ -	
	<b>THIRD FLOOR</b>								
	<b>Piping</b>								
	<b>Oxygen Pipe 'OX'</b>								
658	(1/2".Dia) Oxygen Pipe 'OX' - Material: Copper Type - L	544	LF	0%	544.00	\$ -	\$ -	\$ -	
659	(3/4".Dia) Oxygen Pipe 'OX' - Material: Copper Type - L	487	LF	0%	487.00	\$ -	\$ -	\$ -	
	<b>Medical Vacuum Pipe 'MV'</b>								
660	(1 1/4".Dia) Medical Vacuum Pipe 'MV' - Material: Copper Type - L	439	LF	0%	439.00	\$ -	\$ -	\$ -	
661	(1 1/2".Dia) Medical Vacuum Pipe 'MV' - Material: Copper Type - L	53	LF	0%	53.00	\$ -	\$ -	\$ -	
662	(1".Dia) Medical Vacuum Pipe 'MV' - Material: Copper Type - L	116	LF	0%	116.00	\$ -	\$ -	\$ -	
663	(3/4".Dia) Medical Vacuum Pipe 'MV' - Material: Copper Type - L	438	LF	0%	438.00	\$ -	\$ -	\$ -	
	<b>Medical Air Pipe 'MA'</b>								
664	(1/2".Dia) Medical Air Pipe 'MA' - Material: Copper Type - L	533	LF	0%	533.00	\$ -	\$ -	\$ -	
665	(3/4".Dia) Medical Air Pipe 'MA' - Material: Copper Type - L	481	LF	0%	481.00	\$ -	\$ -	\$ -	
	<b>Fittings</b>								
	<b>Bends</b>								
666	(1/2".Dia & 90 Degree) Oxygen Pipe 'CW' Bend	126	EA	0%	126.00	\$ -	\$ -	\$ -	
667	(3/4".Dia & 90 Degree) Oxygen Pipe 'CW' Bend	21	EA	0%	21.00	\$ -	\$ -	\$ -	
668	(1 1/4".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Bend	30	EA	0%	30.00	\$ -	\$ -	\$ -	
669	(1".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
670	(3/4".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Bend	114	EA	0%	114.00	\$ -	\$ -	\$ -	
671	(1/2".Dia & 90 Degree) Medical Air Pipe 'MA' Bend	133	EA	0%	133.00	\$ -	\$ -	\$ -	
672	(3/4".Dia & 90 Degree) Medical Air Pipe 'MA' Bend	20	EA	0%	20.00	\$ -	\$ -	\$ -	
	<b>Tees</b>								
673	(1/2".Dia & 90 Degree) Oxygen Pipe 'CW' Tee	41	EA	0%	41.00	\$ -	\$ -	\$ -	
674	(3/4".Dia & 90 Degree) Oxygen Pipe 'CW' Tee	12	EA	0%	12.00	\$ -	\$ -	\$ -	
675	(1 1/4".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	8	EA	0%	8.00	\$ -	\$ -	\$ -	
676	(1".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	9	EA	0%	9.00	\$ -	\$ -	\$ -	
677	(3/4".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	31	EA	0%	31.00	\$ -	\$ -	\$ -	
678	(1/2".Dia & 90 Degree) Medical Air Pipe 'MA' Tee	41	EA	0%	41.00	\$ -	\$ -	\$ -	
679	(3/4".Dia & 90 Degree) Medical Air Pipe 'MA' Tee	12	EA	0%	12.00	\$ -	\$ -	\$ -	
	<b>Valves</b>								
680	(1/2".Dia) Isolation Valve 'IV'	6	EA	0%	6.00	\$ -	\$ -	\$ -	

PROJECT :

Estimated By:



Galaxy Estimating

CLIENT	
DATE	
Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
681	(1 1/4".Dia) Isolation Valve 'IV'	4	EA	0%	4.00	\$ -	\$ -	\$ -	-
682	(3/4".Dia) Isolation Valve 'IV'	5	EA	0%	5.00	\$ -	\$ -	\$ -	-
683	(3/4".Dia) Shut - Off Valve 'SOV'	8	EA	0%	8.00	\$ -	\$ -	\$ -	-
684	(1-1/4".Dia) Shut - Off Valve 'SOV'	4	EA	0%	4.00	\$ -	\$ -	\$ -	-
	<b>Guages</b>								
685	(1/2".Dia) Vaccum / Pressure Guage	8	EA	0%	8.00	\$ -	\$ -	\$ -	-
686	(1-1/4".Dia) Vaccum / Pressure Guage	4	EA	0%	4.00	\$ -	\$ -	\$ -	-
	<b>Connections</b>								
687	(3/4".Dia) Oxygen Pipe 'CW' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
688	(1 1/4".Dia) Medical Vacuum Pipe 'MV' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
689	(3/4".Dia) Medical Air Pipe 'MA' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
	<b>Fixtures</b>								
690	Medican Gas Zone Valve Box 'MGZV3'	4	EA	0%	4.00	\$ -	\$ -	\$ -	-
691	Medican Gas Area Alarm Panel 'MGAP3'	2	EA	0%	2.00	\$ -	\$ -	\$ -	-
	<b>Droppers</b>								
692	(1/2" .Dia) Oxygen Pipe Dropper (78 EA & 7'-0" H)	546	LF	0%	546.00	\$ -	\$ -	\$ -	-
693	(1/2" .Dia) Medican Air Pipe Dropper (52 EA & 7'-0" H)	364	LF	0%	364.00	\$ -	\$ -	\$ -	-
694	(3/4" .Dia) Medican Vacuum Pipe Dropper (121 EA & 7'-0" H)	847	LF	0%	847.00	\$ -	\$ -	\$ -	-
	<b>FOURTH FLOOR</b>								
	<b>Piping</b>								
	<b>Oxygen Pipe 'OX'</b>								
695	(1/2".Dia) Oxygen Pipe 'OX' - Material: Copper Type - L	239	LF	0%	239.00	\$ -	\$ -	\$ -	-
696	(3/4".Dia) Oxygen Pipe 'OX' - Material: Copper Type - L	774	LF	0%	774.00	\$ -	\$ -	\$ -	-
	<b>Medical Air Pipe 'MA'</b>								
697	(1/2".Dia) Medical Air Pipe 'MA' - Material: Copper Type - L	213	LF	0%	213.00	\$ -	\$ -	\$ -	-
698	(3/4".Dia) Medical Air Pipe 'MA' - Material: Copper Type - L	740	LF	0%	740.00	\$ -	\$ -	\$ -	-
	<b>Medical Vacuum Pipe 'MV'</b>								
699	(3/4".Dia) Medical Vacuum Pipe 'MV' - Material: Copper Type - L	261	LF	0%	261.00	\$ -	\$ -	\$ -	-
700	(1 1/4".Dia) Medical Vacuum Pipe 'MV' - Material: Copper Type - L	631	LF	0%	631.00	\$ -	\$ -	\$ -	-
701	(1 1/2".Dia) Medical Vacuum Pipe 'MV' - Material: Copper Type - L	13	LF	0%	13.00	\$ -	\$ -	\$ -	-
702	(1".Dia) Medical Vacuum Pipe 'MV' - Material: Copper Type - L	118	LF	0%	118.00	\$ -	\$ -	\$ -	-
	<b>Fittings</b>								
	<b>Bends</b>								
703	(1/2".Dia & 90 Degree) Oxygen Pipe 'CW' Bend	54	EA	0%	54.00	\$ -	\$ -	\$ -	-
704	(3/4".Dia & 90 Degree) Oxygen Pipe 'CW' Bend	101	EA	0%	101.00	\$ -	\$ -	\$ -	-
705	(1/2".Dia & 90 Degree) Medical Air Pipe 'CW' Bend	44	EA	0%	44.00	\$ -	\$ -	\$ -	-
706	(3/4".Dia & 90 Degree) Medical Air Pipe 'CW' Bend	85	EA	0%	85.00	\$ -	\$ -	\$ -	-
707	(3/4".Dia & 90 Degree) Medical Vacuum Pipe 'CW' Bend	56	EA	0%	56.00	\$ -	\$ -	\$ -	-
708	(1 1/4".Dia & 90 Degree) Medical Vacuum Pipe 'CW' Bend	61	EA	0%	61.00	\$ -	\$ -	\$ -	-
709	(1".Dia & 90 Degree) Medical Vacuum Pipe 'CW' Bend	21	EA	0%	21.00	\$ -	\$ -	\$ -	-
	<b>Tees</b>								
710	(1/2".Dia & 90 Degree) Oxygen Pipe 'OX' Tee	13	EA	0%	13.00	\$ -	\$ -	\$ -	-
711	(3/4".Dia & 90 Degree) Oxygen Pipe 'OX' Tee	34	EA	0%	34.00	\$ -	\$ -	\$ -	-
712	(1/2".Dia & 90 Degree) Medical Air Pipe 'MA' Tee	8	EA	0%	8.00	\$ -	\$ -	\$ -	-
713	(3/4".Dia & 90 Degree) Medical Air Pipe 'MA' Tee	27	EA	0%	27.00	\$ -	\$ -	\$ -	-
714	(3/4".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	15	EA	0%	15.00	\$ -	\$ -	\$ -	-
715	(1 1/4".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	20	EA	0%	20.00	\$ -	\$ -	\$ -	-
716	(1 1/2".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	-
717	(1".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	5	EA	0%	5.00	\$ -	\$ -	\$ -	-
	<b>Connections</b>								
718	(3/4".Dia) Medical Air Pipe 'MA' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
719	(1 1/4".Dia) Medical Vacuum 'MA' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
720	(3/4".Dia) Oxygen Pipe 'MA' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
	<b>Valves</b>								
721	(1".Dia) Isolation Valve 'IV'	4	EA	0%	4.00	\$ -	\$ -	\$ -	-
722	(3/4".Dia) Isolation Valve 'IV'	9	EA	0%	9.00	\$ -	\$ -	\$ -	-
723	(1 1/4".Dia) Isolation Valve 'IV'	5	EA	0%	5.00	\$ -	\$ -	\$ -	-
724	(3/4".Dia) Shut - Off Valve 'SOV'	8	EA	0%	8.00	\$ -	\$ -	\$ -	-
725	(1-1/4".Dia) Shut - Off Valve 'SOV'	4	EA	0%	4.00	\$ -	\$ -	\$ -	-
	<b>Guages</b>								
726	(1/2".Dia) Vaccum / Pressure Guage	8	EA	0%	8.00	\$ -	\$ -	\$ -	-
727	(1-1/4".Dia) Vaccum / Pressure Guage	4	EA	0%	4.00	\$ -	\$ -	\$ -	-
	<b>Fixtures</b>								
728	Medican Gas Zone Valve Box 'MGZV3'	4	EA	0%	4.00	\$ -	\$ -	\$ -	-
729	Medican Gas Area Alarm Panel 'MGAP3'	2	EA	0%	2.00	\$ -	\$ -	\$ -	-
	<b>Droppers</b>								
730	(1/2" .Dia) Oxygen Pipe Dropper (60 EA & 7'-0" H)	420	LF	0%	420.00	\$ -	\$ -	\$ -	-
731	(1/2" .Dia) Medican Air Pipe Dropper (36 EA & 7'-0" H)	252	LF	0%	252.00	\$ -	\$ -	\$ -	-
732	(3/4" .Dia) Medican Vacuum Pipe Dropper (70 EA & 7'-0" H)	490	LF	0%	490.00	\$ -	\$ -	\$ -	-
	<b>FIFTH FLOOR</b>								
	<b>Piping</b>								
	<b>Oxygen Pipe 'OX'</b>								
733	(1/2".Dia) Oxygen Pipe 'OX' - Material: Copper Type - L	280	LF	0%	280.00	\$ -	\$ -	\$ -	-
734	(3/4".Dia) Oxygen Pipe 'OX' - Material: Copper Type - L	739	LF	0%	739.00	\$ -	\$ -	\$ -	-
	<b>Medical Air Pipe 'MA'</b>								
735	(1/2".Dia) Medical Air Pipe 'MA' - Material: Copper Type - L	242	LF	0%	242.00	\$ -	\$ -	\$ -	-
736	(3/4".Dia) Medical Air Pipe 'MA' - Material: Copper Type - L	673	LF	0%	673.00	\$ -	\$ -	\$ -	-
	<b>Medical Vacuum Pipe 'MV'</b>								
737	(3/4".Dia) Medical Vacuum Pipe 'MV' - Material: Copper Type - L	304	LF	0%	304.00	\$ -	\$ -	\$ -	-
738	(1".Dia) Medical Vacuum Pipe 'MV' - Material: Copper Type - L	157	LF	0%	157.00	\$ -	\$ -	\$ -	-

PROJECT :

Estimated By:



Galaxy Estimating

CLIENT	
DATE	
Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
739	(1 1/4".Dia) Medical Vacuum Pipe 'MV' - Material: Copper Type - L	547	LF	0%	547.00	\$ -	\$ -	\$ -	
740	(1 1/2".Dia) Medical Vacuum Pipe 'MV' - Material: Copper Type - L	17	LF	0%	17.00	\$ -	\$ -	\$ -	
	<b>Fittings</b>								
	<b>Bends</b>								
741	(1/2".Dia & 90 Degree) Oxygen Pipe 'CW' Bend	59	EA	0%	59.00	\$ -	\$ -	\$ -	
742	(3/4".Dia & 90 Degree) Oxygen Pipe 'CW' Bend	92	EA	0%	92.00	\$ -	\$ -	\$ -	
743	(1/2".Dia & 90 Degree) Medical Air Pipe 'CW' Bend	41	EA	0%	41.00	\$ -	\$ -	\$ -	
744	(3/4".Dia & 90 Degree) Medical Air Pipe 'CW' Bend	60	EA	0%	60.00	\$ -	\$ -	\$ -	
745	(3/4".Dia & 90 Degree) Medical Vacuum Pipe 'CW' Bend	68	EA	0%	68.00	\$ -	\$ -	\$ -	
746	(1".Dia & 90 Degree) Medical Vacuum Pipe 'CW' Bend	30	EA	0%	30.00	\$ -	\$ -	\$ -	
747	(1 1/4".Dia & 90 Degree) Medical Vacuum Pipe 'CW' Bend	50	EA	0%	50.00	\$ -	\$ -	\$ -	
	<b>Tees</b>								
748	(1/2".Dia& 90 Degree) Oxygen Pipe 'OX' Tee	13	EA	0%	13.00	\$ -	\$ -	\$ -	
749	(3/4".Dia& 90 Degree) Oxygen Pipe 'OX' Tee	31	EA	0%	31.00	\$ -	\$ -	\$ -	
750	(1/2".Dia & 90 Degree) Medical Air Pipe 'MA' Tee	3	EA	0%	3.00	\$ -	\$ -	\$ -	
751	(3/4".Dia & 90 Degree) Medical Air Pipe 'MA' Tee	17	EA	0%	17.00	\$ -	\$ -	\$ -	
752	(3/4".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	15	EA	0%	15.00	\$ -	\$ -	\$ -	
753	(1".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	14	EA	0%	14.00	\$ -	\$ -	\$ -	
754	(1 1/2".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
755	(1 1/4".Dia & 90 Degree) Medical Vacuum Pipe 'MV' Tee	13	EA	0%	13.00	\$ -	\$ -	\$ -	
	<b>Connections</b>								
756	(1/2".Dia) Medical Air Pipe 'MA' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
757	(3/4".Dia) Medical Air Pipe 'MA' Connection From Existing To New	4	EA	0%	4.00	\$ -	\$ -	\$ -	
758	(3/4".Dia) Oxygen Pipe 'MA' Connection From Existing To New	4	EA	0%	4.00	\$ -	\$ -	\$ -	
759	(1/2".Dia) Oxygen Pipe 'MA' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
760	(1".Dia) Medical Vacuum 'MA' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	
761	(3/4".Dia) Medical Vacuum 'MA' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	
762	(1 1/2".Dia) Medical Vacuum 'MA' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
	<b>Valve</b>								
763	(3/4".Dia) Isolation Valve 'IV'	13	EA	0%	13.00	\$ -	\$ -	\$ -	
764	(1".Dia) Isolation Valve 'IV'	1	EA	0%	1.00	\$ -	\$ -	\$ -	
765	(1 1/4".Dia) Isolation Valve 'IV'	2	EA	0%	2.00	\$ -	\$ -	\$ -	
766	(3/4".Dia) Shut - Off Valve 'SOV'	7	EA	0%	7.00	\$ -	\$ -	\$ -	
767	(1-1/4".Dia) Shut - Off Valve 'SOV'	3	EA	0%	3.00	\$ -	\$ -	\$ -	
	<b>Guages</b>								
768	(1/2".Dia) Vaccum / Pressure Guage	7	EA	0%	7.00	\$ -	\$ -	\$ -	
769	(1-1/4".Dia) Vaccum / Pressure Guage	3	EA	0%	3.00	\$ -	\$ -	\$ -	
	<b>Fixtures</b>								
770	Medican Gas Zone Valve Box 'MGZV3'	4	EA	0%	4.00	\$ -	\$ -	\$ -	
771	Medican Gas Area Alarm Panel 'MGAP3'	2	EA	0%	2.00	\$ -	\$ -	\$ -	
	<b>Droppers</b>								
772	(1/2" .Dia) Oxygen Pipe Dropper (48 EA & 7'-0" H)	336	LF	0%	336.00	\$ -	\$ -	\$ -	
773	(1/2" .Dia) Medican Air Pipe Dropper (24 EA & 7'-0" H)	168	LF	0%	168.00	\$ -	\$ -	\$ -	
774	(3/4" .Dia) Medican Vacuum Pipe Dropper (48 EA & 7'-0" H)	336	LF	0%	336.00	\$ -	\$ -	\$ -	
	<b>Hangers , Supports / Rods &amp; Clamps</b>								
	<b>Hangers , Supports / Rods (Horizontal Piping)</b>								
775	Hangers , Supports / Rods For (1/2".Dia) Pipe - (3/8") Rod	894	EA	0%	894.00	\$ -	\$ -	\$ -	
776	Hangers , Supports / Rods For (3/4".Dia) Pipe - (3/8") Rod	1036	EA	0%	1036.00	\$ -	\$ -	\$ -	
777	Hangers , Supports / Rods For (1".Dia) Pipe - (3/8") Rod	136	EA	0%	136.00	\$ -	\$ -	\$ -	
778	Hangers , Supports / Rods For (1-1/4".Dia) Pipe - (3/8") Rod	224	EA	0%	224.00	\$ -	\$ -	\$ -	
779	Hangers , Supports / Rods For (1-1/2".Dia) Pipe - (3/8") Rod	23	EA	0%	23.00	\$ -	\$ -	\$ -	
780	Hangers , Supports / Rods For (2".Dia) Pipe - (1/2") Rod	200	EA	0%	200.00	\$ -	\$ -	\$ -	
781	Hangers , Supports / Rods For (2-1/2".Dia) Pipe - (1/2") Rod	8	EA	0%	8.00	\$ -	\$ -	\$ -	
	<b>Clamps (Vertical Piping)</b>								
782	MSS Type 8 or 42, Clamps	537	EA	0%	537.00	\$ -	\$ -	\$ -	
<b>Sub Total</b>									<b>\$0</b>

MECHANICAL

Heating System

FIRST FLOOR									
Piping									
Hot Water Supply Pipe 'HWS'									
783	(3/4".Dia) Hot Water Supply Pipe 'HWS' - Material: Copper Type L	37	LF	0%	37.00	\$ -	\$ -	\$ -	
784	(1".Dia) Hot Water Supply Pipe 'HWS' - Material: Copper Type L / Schedule 40 Steel Pipe	245	LF	0%	245.00	\$ -	\$ -	\$ -	
785	(1-1/4".Dia) Hot Water Supply Pipe 'HWS' - Material: Schedule 40 Steel Pipe	36	LF	0%	36.00	\$ -	\$ -	\$ -	
786	(1-1/2".Dia) Hot Water Supply Pipe 'HWS' - Material: Schedule 40 Steel Pipe	79	LF	0%	79.00	\$ -	\$ -	\$ -	
787	(2".Dia) Hot Water Supply Pipe 'HWS' - Material: Schedule 40 Steel Pipe	100	LF	0%	100.00	\$ -	\$ -	\$ -	
788	(2-1/2".Dia) Hot Water Supply Pipe 'HWS' - Material: Schedule 40 Steel Pipe	13	LF	0%	13.00	\$ -	\$ -	\$ -	
	<b>Hot Water Return Pipe 'HWR'</b>								
789	(3/4".Dia) Hot Water Return Pipe 'HWR' - Material: Copper Type L	41	LF	0%	41.00	\$ -	\$ -	\$ -	
790	(1".Dia) Hot Water Return Pipe 'HWR' - Material: Copper Type L / Schedule 40 Steel Pipe	245	LF	0%	245.00	\$ -	\$ -	\$ -	
791	(1-1/4".Dia) Hot Water Return Pipe 'HWR' - Material: Schedule 40 Steel Pipe	38	LF	0%	38.00	\$ -	\$ -	\$ -	
792	(1-1/2".Dia) Hot Water Return Pipe 'HWR' - Material: Schedule 40 Steel Pipe	82	LF	0%	82.00	\$ -	\$ -	\$ -	
793	(2".Dia) Hot Water Return Pipe 'HWR' - Material: Schedule 40 Steel Pipe	100	LF	0%	100.00	\$ -	\$ -	\$ -	

PROJECT :

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DATE	
Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
794	(2-1/2".Dia) Hot Water Return Pipe 'HWR' - Material: Schedule 40 Steel Pipe	14	LF	0%	14.00	\$ -	\$ -	\$ -	
	<b>Chilled Water Supply Pipe 'CHWS'</b>								
795	(1".Dia) Chilled Water Supply Pipe 'CHWS' - Material: Schedule 40 Steel Pipe	104	LF	0%	104.00	\$ -	\$ -	\$ -	
	<b>Chilled Water Return Pipe 'CHWR'</b>								
796	(1".Dia) Chilled Water Return Pipe 'CHWR' - Material: Schedule 40 Steel Pipe	113	LF	0%	113.00	\$ -	\$ -	\$ -	
	<b>Low Pressure Steam Supply Pipe 'LPS'</b>								
797	(1-1/2".Dia) Low Pressure Steam Supply Pipe 'LPS' - Material: Schedule 40 Steel Pipe	18	LF	0%	18.00	\$ -	\$ -	\$ -	
	<b>Condensate Drain Pipe 'CD'</b>								
798	(3/4".Dia) Condensate Drain Pipe 'CD'	211	LF	0%	211.00	\$ -	\$ -	\$ -	
	<b>Fittings</b>								
	<b>Bends</b>								
799	(3/4".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	38	EA	0%	38.00	\$ -	\$ -	\$ -	
800	(1".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	36	EA	0%	36.00	\$ -	\$ -	\$ -	
801	(1-1/4".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	8	EA	0%	8.00	\$ -	\$ -	\$ -	
802	(1-1/2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
803	(2-1/2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	1	EA	0%	1.00	\$ -	\$ -	\$ -	
804	(3/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	38	EA	0%	38.00	\$ -	\$ -	\$ -	
805	(1".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	36	EA	0%	36.00	\$ -	\$ -	\$ -	
806	(1-1/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	8	EA	0%	8.00	\$ -	\$ -	\$ -	
807	(1-1/2".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
808	(2-1/2".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	1	EA	0%	1.00	\$ -	\$ -	\$ -	
809	(1".Dia & 90 Degree) Chilled Water Supply Pipe 'CHWS' Bend	10	EA	0%	10.00	\$ -	\$ -	\$ -	
810	(1".Dia & 90 Degree) Chilled Water Return Pipe 'CHWR' Bend	10	EA	0%	10.00	\$ -	\$ -	\$ -	
811	(1-1/2".Dia & 90 Degree) Low Pressure Steam Supply Pipe 'LPS' Bend	18	EA	0%	18.00	\$ -	\$ -	\$ -	
812	(3/4".Dia & 90 Degree) Condensate Drain Pipe 'CD' Bend	34	EA	0%	34.00	\$ -	\$ -	\$ -	
	<b>Tees</b>								
813	(1".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	4	EA	0%	4.00	\$ -	\$ -	\$ -	
814	(1-1/4".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
815	(1-1/2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	3	EA	0%	3.00	\$ -	\$ -	\$ -	
816	(2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	12	EA	0%	12.00	\$ -	\$ -	\$ -	
817	(2-1/2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	3	EA	0%	3.00	\$ -	\$ -	\$ -	
	<b>Valves</b>								
818	(3/4".Dia) Shutoff Valves	42	EA	0%	42.00	\$ -	\$ -	\$ -	
819	(1".Dia) Shutoff Valves	14	EA	0%	14.00	\$ -	\$ -	\$ -	
820	(1-1/4".Dia) Shutoff Valves	4	EA	0%	4.00	\$ -	\$ -	\$ -	
821	(3/4".Dia) Isolation Valve 'IV'	40	EA	0%	40.00	\$ -	\$ -	\$ -	
822	(1".Dia) Isolation Valve 'IV'	6	EA	0%	6.00	\$ -	\$ -	\$ -	
823	(1-1/4".Dia) Isolation Valve 'IV'	6	EA	0%	6.00	\$ -	\$ -	\$ -	
824	(3/4".Dia) Control Valve 'IV'	20	EA	0%	20.00	\$ -	\$ -	\$ -	
825	(1".Dia) Control Valve 'IV'	3	EA	0%	3.00	\$ -	\$ -	\$ -	
826	(1-1/4".Dia) Control Valve 'IV'	3	EA	0%	3.00	\$ -	\$ -	\$ -	
827	P/T Testing Ports	52	EA	0%	52.00	\$ -	\$ -	\$ -	
828	(3/4".Dia) Strainer 'ST'	4	EA	0%	4.00	\$ -	\$ -	\$ -	
829	(3/4".Dia) Fill Valve	4	EA	0%	4.00	\$ -	\$ -	\$ -	
	<b>Connections</b>								
830	(1".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
831	(1".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
832	(1".Dia) Chilled Water Supply Pipe 'CHWS' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	
833	(1".Dia) Chilled Water Return Pipe 'CHWR' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	
834	(3/4".Dia) Condensate Drain Pipe 'CD' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	
	<b>Fixtures</b>								
	<b>Variable Air Volume Terminal Units 'ATUs'</b>								
835	Variable Air Volume Terminal Unit 'ATU-1-1-2' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
836	Variable Air Volume Terminal Unit 'ATU-1-1-3' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
837	Variable Air Volume Terminal Unit 'ATU-1-1-4' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
838	Variable Air Volume Terminal Unit 'ATU-1-1-5' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
839	Variable Air Volume Terminal Unit 'ATU-1-1-6' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
840	Variable Air Volume Terminal Unit 'ATU-1-1-7' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
841	Variable Air Volume Terminal Unit 'ATU-1-1-8' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
842	Variable Air Volume Terminal Unit 'ATU-1-1-12' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
843	Variable Air Volume Terminal Unit 'ATU-1-1-13' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
844	Variable Air Volume Terminal Unit 'ATU-1-1-14' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
845	Variable Air Volume Terminal Unit 'ATU-1-1-15' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
846	Variable Air Volume Terminal Unit 'ATU-1-1-16' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
847	Variable Air Volume Terminal Unit 'ATU-1-1-17' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
848	Variable Air Volume Terminal Unit 'ATU-1-1-18' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
849	Variable Air Volume Terminal Unit 'ATU-1-1-19' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
850	Variable Air Volume Terminal Unit 'ATU-1-1-20' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
851	Variable Air Volume Terminal Unit 'ATU-1-1-21' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
852	Variable Air Volume Terminal Unit 'ATU-1-1-22' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
853	Variable Air Volume Terminal Unit 'ATU-1-1-23' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	

PROJECT :

Estimated By:



Galaxy Estimating

CLIENT	
DATE	
Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
854	Variable Air Volume Terminal Unit 'ATU-1-1-24' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
855	Variable Air Volume Terminal Unit 'ATU-1-1-25' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
856	Variable Air Volume Terminal Unit 'ATU-1-1-26' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
857	Variable Air Volume Terminal Unit 'ATU-1-1-27' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
858	Variable Air Volume Terminal Unit 'ATU-1-1-28' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
859	Variable Air Volume Terminal Unit 'ATU-1-1-30' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
860	Variable Air Volume Terminal Unit 'ATU-1-1-31' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
	<b>Fan Coil Units 'FCUs'</b>								
861	Fan Coil Units 'FCU-1-1' - <b>Manufacturer:</b> TRANE - <b>Model:</b> BCHC-24 - <b>CFM:</b> 1000	1	EA	0%	1.00	\$ -	\$ -	\$ -	
862	Fan Coil Units 'FCU-1-2' - <b>Manufacturer:</b> TRANE - <b>Model:</b> BCHC-24 - <b>CFM:</b> 1000	1	EA	0%	1.00	\$ -	\$ -	\$ -	
	<b>Electric Steam Humidifier 'H'</b>								
863	Electric Steam Humidifier 'H-1-1-1' - <b>Manufacturer:</b> NORTEC - <b>Model:</b> RS DUCTED 20 - <b>CFM:</b> 1350	1	EA	0%	1.00	\$ -	\$ -	\$ -	
864	Electric Steam Humidifier 'H-1-1-2' - <b>Manufacturer:</b> NORTEC - <b>Model:</b> RS DUCTED 15 - <b>CFM:</b> 2100	1	EA	0%	1.00	\$ -	\$ -	\$ -	
865	Electric Steam Humidifier 'H-1-1-3' - <b>Manufacturer:</b> NORTEC - <b>Model:</b> RS DUCTED 15 - <b>CFM:</b> 2100	1	EA	0%	1.00	\$ -	\$ -	\$ -	
866	Electric Steam Humidifier 'H-1-1-4' - <b>Manufacturer:</b> NORTEC - <b>Model:</b> RS DUCTED 20 - <b>CFM:</b> 1350	1	EA	0%	1.00	\$ -	\$ -	\$ -	
	<b>Sensor &amp; Detectors</b>								
867	Thermostate Sensor	26	EA	0%	26.00	\$ -	\$ -	\$ -	
868	Humidity Sensor	3	EA	0%	3.00	\$ -	\$ -	\$ -	
	<b>SECOND FLOOR</b>								
	<b>Piping</b>								
	<b>Hot Water Supply Pipe 'HWS'</b>								
869	(3/4".Dia) Hot Water Supply Pipe 'HWS' - <b>Material:</b> Copper Type L / Schedule 40 Steel Pipe	1138	LF	0%	1138.00	\$ -	\$ -	\$ -	
870	(1".Dia) Hot Water Supply Pipe 'HWS' - <b>Material:</b> Copper Type L / Schedule 40 Steel Pipe	114	LF	0%	114.00	\$ -	\$ -	\$ -	
871	(1-1/4".Dia) Hot Water Supply Pipe 'HWS' - <b>Material:</b> Schedule 40 Steel Pipe	50	LF	0%	50.00	\$ -	\$ -	\$ -	
872	(1-1/2".Dia) Hot Water Supply Pipe 'HWS' - <b>Material:</b> Schedule 40 Steel Pipe	39	LF	0%	39.00	\$ -	\$ -	\$ -	
873	(2".Dia) Hot Water Supply Pipe 'HWS' - <b>Material:</b> Schedule 40 Steel Pipe	131	LF	0%	131.00	\$ -	\$ -	\$ -	
	<b>Hot Water Return Pipe 'HWR'</b>								
874	(3/4".Dia) Hot Water Return Pipe 'HWR' - <b>Material:</b> Copper Type L / Schedule 40 Steel Pipe	1152	LF	0%	1152.00	\$ -	\$ -	\$ -	
875	(1".Dia) Hot Water Return Pipe 'HWR' - <b>Material:</b> Copper Type L / Schedule 40 Steel Pipe	112	LF	0%	112.00	\$ -	\$ -	\$ -	
876	(1-1/4".Dia) Hot Water Return Pipe 'HWR' - <b>Material:</b> Schedule 40 Steel Pipe	53	LF	0%	53.00	\$ -	\$ -	\$ -	
877	(1-1/2".Dia) Hot Water Return Pipe 'HWR' - <b>Material:</b> Schedule 40 Steel Pipe	39	LF	0%	39.00	\$ -	\$ -	\$ -	
878	(2".Dia) Hot Water Return Pipe 'HWR' - <b>Material:</b> Schedule 40 Steel Pipe	132	LF	0%	132.00	\$ -	\$ -	\$ -	
	<b>Chilled Water Supply Pipe 'CHWS'</b>								
879	(1".Dia) Chilled Water Supply Pipe 'CHWS' - <b>Material:</b> Schedule 40 Steel Pipe	37	LF	0%	37.00	\$ -	\$ -	\$ -	
	<b>Chilled Water Return Pipe 'CHWR'</b>								
880	(1".Dia) Chilled Water Return Pipe 'CHWR' - <b>Material:</b> Schedule 40 Steel Pipe	40	LF	0%	40.00	\$ -	\$ -	\$ -	
	<b>Condensate Drain Pipe 'CD'</b>								
881	(3/4".Dia) Condensate Drain Pipe 'CD'	34	LF	0%	34.00	\$ -	\$ -	\$ -	
882	(1".Dia) Condensate Drain Pipe 'CD'	430	LF	0%	430.00	\$ -	\$ -	\$ -	
	<b>Fittings</b>								
	<b>Bends</b>								
883	(3/4".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	266	EA	0%	266.00	\$ -	\$ -	\$ -	
884	(3/4".Dia & 45 Degree) Hot Water Supply Pipe 'HWS' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
885	(1".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	12	EA	0%	12.00	\$ -	\$ -	\$ -	
886	(1-1/4".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
887	(3/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	266	EA	0%	266.00	\$ -	\$ -	\$ -	
888	(3/4".Dia & 45 Degree) Hot Water Return Pipe 'HWR' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
889	(1".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	12	EA	0%	12.00	\$ -	\$ -	\$ -	
890	(1-1/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
891	(3/4".Dia & 90 Degree) Condensate Drain Pipe 'CD' Bend	20	EA	0%	20.00	\$ -	\$ -	\$ -	
892	(1".Dia & 90 Degree) Condensate Drain Pipe 'CD' Bend	14	EA	0%	14.00	\$ -	\$ -	\$ -	
893	(1".Dia & 90 Degree) Chilled Water Supply Pipe 'CHWS' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
894	(1".Dia & 90 Degree) Chilled Water Return Pipe 'CHWR' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
	<b>Tees</b>								
895	(3/4".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	25	EA	0%	25.00	\$ -	\$ -	\$ -	
896	(1".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	3	EA	0%	3.00	\$ -	\$ -	\$ -	
897	(1-1/4".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	



PROJECT :

Estimated By:



Galaxy Estimating

CLIENT	
DATE	
Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
898	(1-1/2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	4	EA	0%	4.00	\$ -	\$ -	\$ -	-
899	(2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	10	EA	0%	10.00	\$ -	\$ -	\$ -	-
900	(3/4".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	27	EA	0%	27.00	\$ -	\$ -	\$ -	-
901	(1".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	3	EA	0%	3.00	\$ -	\$ -	\$ -	-
902	(1-1/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	-
903	(1-1/2".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	4	EA	0%	4.00	\$ -	\$ -	\$ -	-
904	(2".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	10	EA	0%	10.00	\$ -	\$ -	\$ -	-
<b>Transitions</b>									
905	(1".Dia To 3/4".Dia) Hot Water Supply Pipe 'HWS' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
906	(1".Dia To 3/4".Dia) Hot Water Return Pipe 'HWR' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
<b>Connections</b>									
907	(3/4".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	29	EA	0%	29.00	\$ -	\$ -	\$ -	-
908	(1".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	3	EA	0%	3.00	\$ -	\$ -	\$ -	-
909	(1-1/4".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
910	(1-1/2".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
911	(2".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
912	(3/4".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	29	EA	0%	29.00	\$ -	\$ -	\$ -	-
913	(1".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	3	EA	0%	3.00	\$ -	\$ -	\$ -	-
914	(1-1/4".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
915	(1-1/2".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
916	(2".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
<b>Valves</b>									
917	(3/4".Dia) Shutoff Valves	136	EA	0%	136.00	\$ -	\$ -	\$ -	-
918	(1".Dia) Shutoff Valves	8	EA	0%	8.00	\$ -	\$ -	\$ -	-
919	(1-1/4".Dia) Shutoff Valves	4	EA	0%	4.00	\$ -	\$ -	\$ -	-
920	(3/4".Dia) Isolation Valve 'IV'	176	EA	0%	176.00	\$ -	\$ -	\$ -	-
921	(1".Dia) Isolation Valve 'IV'	12	EA	0%	12.00	\$ -	\$ -	\$ -	-
922	(1-1/4".Dia) Isolation Valve 'IV'	4	EA	0%	4.00	\$ -	\$ -	\$ -	-
923	(3/4".Dia) Control Valve 'IV'	88	EA	0%	88.00	\$ -	\$ -	\$ -	-
924	(1".Dia) Control Valve 'IV'	6	EA	0%	6.00	\$ -	\$ -	\$ -	-
925	(1-1/4".Dia) Control Valve 'IV'	2	EA	0%	2.00	\$ -	\$ -	\$ -	-
926	P/T Testing Ports	192	EA	0%	192.00	\$ -	\$ -	\$ -	-
<b>Fixtures</b>									
<b>Variable Air Volume Terminal Units 'ATUs'</b>									
927	Variable Air Volume Terminal Units 'ATU-2-1-3' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
928	Variable Air Volume Terminal Units 'ATU-2-1-4' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
929	Variable Air Volume Terminal Units 'ATU-2-1-6' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
930	Variable Air Volume Terminal Units 'ATU-2-1-7' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
931	Variable Air Volume Terminal Units 'ATU-2-1-8' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
932	Variable Air Volume Terminal Units 'ATU-2-1-9' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
933	Variable Air Volume Terminal Units 'ATU-2-1-10' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
934	Variable Air Volume Terminal Units 'ATU-2-1-11' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
	Variable Air Volume Terminal Units 'ATU-2-1-13' - <b>Manufacturer:</b> TRANE								
935	Variable Air Volume Terminal Units 'ATU-2-1-14' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
936	Variable Air Volume Terminal Units 'ATU-2-1-15' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
937	Variable Air Volume Terminal Units 'ATU-2-1-16' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
938	Variable Air Volume Terminal Units 'ATU-2-1-17' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
939	Variable Air Volume Terminal Units 'ATU-2-1-18' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
940	Variable Air Volume Terminal Units 'ATU-2-1-19' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
941	Variable Air Volume Terminal Units 'ATU-2-1-20' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
942	Variable Air Volume Terminal Units 'ATU-2-1-21' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
943	Variable Air Volume Terminal Units 'ATU-2-1-22' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
944	Variable Air Volume Terminal Units 'ATU-2-1-23' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
945	Variable Air Volume Terminal Units 'ATU-2-1-24' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
946	Variable Air Volume Terminal Units 'ATU-2-1-25' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
947	Variable Air Volume Terminal Units 'ATU-2-1-26' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
948	Variable Air Volume Terminal Units 'ATU-2-1-27' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
949	Variable Air Volume Terminal Units 'ATU-2-1-28' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
950	Variable Air Volume Terminal Units 'ATU-2-1-29' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
951	Variable Air Volume Terminal Units 'ATU-2-1-30' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
952	Variable Air Volume Terminal Units 'ATU-2-1-31' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
953	Variable Air Volume Terminal Units 'ATU-2-1-32' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
954	Variable Air Volume Terminal Units 'ATU-2-1-33' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-
955	Variable Air Volume Terminal Units 'ATU-2-1-34' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	-

**PROJECT :**

**Estimated By:**



Galaxy Estimating

CLIENT		
DATE		
Sub Total		\$0
Profit/Overhead @ 20%	20.00%	\$0.00
<b>TOTAL COST</b>		<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
956	Variable Air Volume Terminal Units 'ATU-2-1-35' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
957	Variable Air Volume Terminal Units 'ATU-2-1-36' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
958	Variable Air Volume Terminal Units 'ATU-2-1-37' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
959	Variable Air Volume Terminal Units 'ATU-2-1-38' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
960	Variable Air Volume Terminal Units 'ATU-2-1-39' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
961	Variable Air Volume Terminal Units 'ATU-2-1-40' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
962	Variable Air Volume Terminal Units 'ATU-2-1-41' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
963	Variable Air Volume Terminal Units 'ATU-2-1-43' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
964	Variable Air Volume Terminal Units 'ATU-2-1-44' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
965	Variable Air Volume Terminal Units 'ATU-2-1-45' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
966	Variable Air Volume Terminal Units 'ATU-2-2-1' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
967	Variable Air Volume Terminal Units 'ATU-2-2-2' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
968	Variable Air Volume Terminal Units 'ATU-2-2-3' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
969	Variable Air Volume Terminal Units 'ATU-2-2-4' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
970	Variable Air Volume Terminal Units 'ATU-2-2-5' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
971	Variable Air Volume Terminal Units 'ATU-2-2-6' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
972	Variable Air Volume Terminal Units 'ATU-2-2-7' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
973	Variable Air Volume Terminal Units 'ATU-2-2-8' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
974	Variable Air Volume Terminal Units 'ATU-2-2-9' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
975	Variable Air Volume Terminal Units 'ATU-2-2-10' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
976	Variable Air Volume Terminal Units 'ATU-2-2-11' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
977	Variable Air Volume Terminal Units 'ATU-2-2-12' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
978	Variable Air Volume Terminal Units 'ATU-2-2-13' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
979	Variable Air Volume Terminal Units 'ATU-2-2-14' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
980	Variable Air Volume Terminal Units 'ATU-2-2-15' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
981	Variable Air Volume Terminal Units 'ATU-2-2-16' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
982	Variable Air Volume Terminal Units 'ATU-2-2-17' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
983	Variable Air Volume Terminal Units 'ATU-2-2-18' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
984	Variable Air Volume Terminal Units 'ATU-2-2-19' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
985	Variable Air Volume Terminal Units 'ATU-2-2-20' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
986	Variable Air Volume Terminal Units 'ATU-2-2-21' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
987	Variable Air Volume Terminal Units 'ATU-2-2-22' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
988	Variable Air Volume Terminal Units 'ATU-2-2-23' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
989	Variable Air Volume Terminal Units 'ATU-2-2-24' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
	<b>Fin Tube Radiator 'FTR'</b>								
990	Fin Tube Radiator 'FTR-2A(6.5)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
991	Fin Tube Radiator 'FTR-2B(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
992	Fin Tube Radiator 'FTR-3A(6.5)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
993	Fin Tube Radiator 'FTR-3B(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
994	Fin Tube Radiator 'FTR-4A(6.5)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
995	Fin Tube Radiator 'FTR-4B(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
996	Fin Tube Radiator 'FTR-5A(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
997	Fin Tube Radiator 'FTR-6A' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	

**PROJECT :**

**Estimated By:**



Galaxy Estimating

CLIENT		
DATE		
Sub Total		\$0
Profit/Overhead @ 20%	20.00%	\$0.00
<b>TOTAL COST</b>		<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
998	Fin Tube Radiator 'FTR-6B' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
999	Fin Tube Radiator 'FTR-7A(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1000	Fin Tube Radiator 'FTR-7B(6.5)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1001	Fin Tube Radiator 'FTR-7C(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1002	Fin Tube Radiator 'FTR-8A(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1003	Fin Tube Radiator 'FTR-8B(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1004	Fin Tube Radiator 'FTR-8C(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1005	Fin Tube Radiator 'FTR-9A(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1006	Fin Tube Radiator 'FTR-9B(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1007	Fin Tube Radiator 'FTR-9C(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1008	Fin Tube Radiator 'FTR-10A(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1009	Fin Tube Radiator 'FTR-10B(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1010	Fin Tube Radiator 'FTR-10C(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1011	Fin Tube Radiator 'FTR-11A(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1012	Fin Tube Radiator 'FTR-11B(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1013	Fin Tube Radiator 'FTR-11C(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1014	Fin Tube Radiator 'FTR-12A(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1015	Fin Tube Radiator 'FTR-12B(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1016	Fin Tube Radiator 'FTR-12C(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1017	Fin Tube Radiator 'FTR-13A(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1018	Fin Tube Radiator 'FTR-13B(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1019	Fin Tube Radiator 'FTR-13C(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1020	Fin Tube Radiator 'FTR-13D(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1021	Fin Tube Radiator 'FTR-14A(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1022	Fin Tube Radiator 'FTR-14B(8)' - <b>Manufacturer:</b> VULCAN - <b>Model:</b> VC3/4 45	1	EA	0%	1.00	\$ -	\$ -	\$ -	
	<b>Fan Coil Units 'FCUs'</b>								
1023	Fan Coil Units 'FCU-2-2' - <b>Manufacturer:</b> TRANE - <b>Model:</b> BCHC-24 - <b>CFM:</b> 1000	1	EA	0%	1.00	\$ -	\$ -	\$ -	
	<b>Sensor &amp; Detectors</b>								
1024	Thermostate Sensor	52	EA	0%	52.00	\$ -	\$ -	\$ -	
	<b>Droppers</b>								
1025	(3/4".Dia) Hot Water Supply Pipe Dropper (20 EA & 10'-0" H)	200	LF	0%	200.00	\$ -	\$ -	\$ -	
1026	(3/4".Dia) Hot Water Return Pipe 'HWR' Dropper (20 EA & 10'-0" H)	200	LF	0%	200.00	\$ -	\$ -	\$ -	
1027	(1".Dia) Condensate Drain Pipe Dropper (4 EA & 10'-0" H)	40	LF	0%	40.00	\$ -	\$ -	\$ -	
	<b>THIRD FLOOR</b>								
	<b>Piping</b>								
	<b>Hot Water Supply Pipe 'HWS'</b>								
1028	(3/4".Dia) Hot Water Supply Pipe 'HWS' - <b>Material:</b> Copper Type L / Schedule 40 Steel Pipe	279	LF	0%	279.00	\$ -	\$ -	\$ -	
1029	(1".Dia) Hot Water Supply Pipe 'HWS' - <b>Material:</b> Copper Type L / Schedule 40 Steel Pipe	103	LF	0%	103.00	\$ -	\$ -	\$ -	

PROJECT :

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Galaxy Estimating

CLIENT	
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Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
1030	(1-1/2".Dia) Hot Water Supply Pipe 'HWS' - Material: Schedule 40 Steel Pipe	157	LF	0%	157.00	\$ -	\$ -	\$ -	
1031	(2".Dia) Hot Water Supply Pipe 'HWS' - Material: Schedule 40 Steel Pipe	68	LF	0%	68.00	\$ -	\$ -	\$ -	
<b>Hot Water Return Pipe 'HWR'</b>									
1032	(3/4".Dia) Hot Water Return Pipe 'HWR' - Material: Copper Type L / Schedule 40 Steel Pipe	288	LF	0%	288.00	\$ -	\$ -	\$ -	
1033	(1".Dia) Hot Water Return Pipe 'HWR' - Material: Copper Type L / Schedule 40 Steel Pipe	102	LF	0%	102.00	\$ -	\$ -	\$ -	
1034	(1-1/2".Dia) Hot Water Return Pipe 'HWR' - Material: Schedule 40 Steel Pipe	157	LF	0%	157.00	\$ -	\$ -	\$ -	
1035	(2".Dia) Hot Water Return Pipe 'HWR' - Material: Schedule 40 Steel Pipe	69	LF	0%	69.00	\$ -	\$ -	\$ -	
<b>Condensate Drain Pipe 'CD'</b>									
1036	(3/4".Dia) Condensate Drain Pipe 'CD'	6	LF	0%	6.00	\$ -	\$ -	\$ -	
1037	(1".Dia) Condensate Drain Pipe 'CD'	132	LF	0%	132.00	\$ -	\$ -	\$ -	
<b>Fittings</b>									
<b>Bends</b>									
1038	(3/4".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	146	EA	0%	146.00	\$ -	\$ -	\$ -	
1039	(1".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
1040	(1-1/2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
1041	(3/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	146	EA	0%	146.00	\$ -	\$ -	\$ -	
1042	(1".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
1043	(1-1/2".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
1044	(3/4".Dia & 90 Degree) Condensate Drain Pipe 'CD' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
1045	(1".Dia & 90 Degree) Condensate Drain Pipe 'CD' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
<b>Tees</b>									
1046	(1".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	5	EA	0%	5.00	\$ -	\$ -	\$ -	
1047	(1-1/2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	18	EA	0%	18.00	\$ -	\$ -	\$ -	
1048	(2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	7	EA	0%	7.00	\$ -	\$ -	\$ -	
1049	(1".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	5	EA	0%	5.00	\$ -	\$ -	\$ -	
1050	(1-1/2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	18	EA	0%	18.00	\$ -	\$ -	\$ -	
1051	(2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	7	EA	0%	7.00	\$ -	\$ -	\$ -	
<b>Transitions</b>									
1052	(1".Dia To 3/4".Dia) Hot Water Supply Pipe 'HWS' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1053	(2".Dia To 1-1/2".Dia) Hot Water Supply Pipe 'HWS' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1054	(1".Dia To 3/4".Dia) Hot Water Return Pipe 'HWR' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1055	(2".Dia To 1-1/2".Dia) Hot Water Return Pipe 'HWR' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
<b>Connections</b>									
1056	(3/4".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	14	EA	0%	14.00	\$ -	\$ -	\$ -	
1057	(1".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1058	(2".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1059	(3/4".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	14	EA	0%	14.00	\$ -	\$ -	\$ -	
1060	(1".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1061	(2".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1062	(1".Dia) Condensate Drain Pipe 'CD' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
<b>Valves</b>									
1063	(3/4".Dia) Shutoff Valves	94	EA	0%	94.00	\$ -	\$ -	\$ -	
1064	(3/4".Dia) Isolation Valve 'IV'	96	EA	0%	96.00	\$ -	\$ -	\$ -	
1065	(3/4".Dia) Control Valve 'IV'	48	EA	0%	48.00	\$ -	\$ -	\$ -	
1066	P/T Testing Ports	96	EA	0%	96.00	\$ -	\$ -	\$ -	
<b>Fixtures</b>									
<b>Variable Air Volume Terminal Units 'ATUs'</b>									
1067	Variable Air Volume Terminal Unit 'ATU-3-1-1' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1068	Variable Air Volume Terminal Unit 'ATU-3-1-2' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1069	Variable Air Volume Terminal Unit 'ATU-3-1-3' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1070	Variable Air Volume Terminal Unit 'ATU-3-1-4' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1071	Variable Air Volume Terminal Unit 'ATU-3-1-5' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1072	Variable Air Volume Terminal Unit 'ATU-3-1-6' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1073	Variable Air Volume Terminal Unit 'ATU-3-1-7' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1074	Variable Air Volume Terminal Unit 'ATU-3-1-8' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1075	Variable Air Volume Terminal Unit 'ATU-3-1-9' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1076	Variable Air Volume Terminal Unit 'ATU-3-1-10' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1077	Variable Air Volume Terminal Unit 'ATU-3-1-11' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1078	Variable Air Volume Terminal Unit 'ATU-3-1-12' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1079	Variable Air Volume Terminal Unit 'ATU-3-1-13' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1080	Variable Air Volume Terminal Unit 'ATU-3-1-14' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1081	Variable Air Volume Terminal Unit 'ATU-3-1-15' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1082	Variable Air Volume Terminal Unit 'ATU-3-1-17' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1083	Variable Air Volume Terminal Unit 'ATU-3-1-18' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1084	Variable Air Volume Terminal Unit 'ATU-3-1-19' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1085	Variable Air Volume Terminal Unit 'ATU-3-1-20' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1086	Variable Air Volume Terminal Unit 'ATU-3-1-21' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	



**PROJECT :**

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CLIENT	
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Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
1136	(3/4".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
1137	(1".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	6	EA	0%	6.00	\$ -	\$ -	\$ -	
1138	(1-1/2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	16	EA	0%	16.00	\$ -	\$ -	\$ -	
1139	(2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	10	EA	0%	10.00	\$ -	\$ -	\$ -	
1140	(3/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	2	EA	0%	2.00	\$ -	\$ -	\$ -	
1141	(1".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	6	EA	0%	6.00	\$ -	\$ -	\$ -	
1142	(1-1/2".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	16	EA	0%	16.00	\$ -	\$ -	\$ -	
1143	(2".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	10	EA	0%	10.00	\$ -	\$ -	\$ -	
	<b>Connections</b>								
1144	(3/4".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	12	EA	0%	12.00	\$ -	\$ -	\$ -	
1145	(1-1/2".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1146	(2".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1147	(3/4".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	12	EA	0%	12.00	\$ -	\$ -	\$ -	
1148	(1-1/2".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1149	(2".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
	<b>Valves</b>								
1150	(3/4".Dia) Shutoff Valves	88	EA	0%	88.00	\$ -	\$ -	\$ -	
1151	(3/4".Dia) Isolation Valve 'IV'	86	EA	0%	86.00	\$ -	\$ -	\$ -	
1152	(3/4".Dia) Control Valve 'IV'	43	EA	0%	43.00	\$ -	\$ -	\$ -	
1153	P/T Testing Ports	86	EA	0%	86.00	\$ -	\$ -	\$ -	

GALAXY ESTIMATING

PROJECT :

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CLIENT	
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Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
<b>Transitions</b>									
1154	(1".Dia To 3/4".Dia) Hot Water Supply Pipe 'HWS' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1155	(2".Dia To 1-1/2".Dia) Hot Water Supply Pipe 'HWS' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1156	(1-1/2".Dia To 1".Dia) Hot Water Supply Pipe 'HWS' Transition	2	EA	0%	2.00	\$ -	\$ -	\$ -	
1157	(1".Dia To 3/4".Dia) Hot Water Return Pipe 'HWR' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1158	(1-1/2".Dia To 1".Dia) Hot Water Return Pipe 'HWR' Transition	2	EA	0%	2.00	\$ -	\$ -	\$ -	
1159	(2".Dia To 1-1/2".Dia) Hot Water Return Pipe 'HWR' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
<b>Fixtures</b>									
<b>Variable Air Volume Terminal Unit 'ATUs'</b>									
1160	Variable Air Volume Terminal Unit 'ATU-4-1-1' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1161	Variable Air Volume Terminal Unit 'ATU-4-1-2' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1162	Variable Air Volume Terminal Unit 'ATU-4-1-3' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1163	Variable Air Volume Terminal Unit 'ATU-4-1-4' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1164	Variable Air Volume Terminal Unit 'ATU-4-1-5' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1165	Variable Air Volume Terminal Unit 'ATU-4-1-6' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1166	Variable Air Volume Terminal Unit 'ATU-4-1-7' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1167	Variable Air Volume Terminal Unit 'ATU-4-1-8' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1168	Variable Air Volume Terminal Unit 'ATU-4-1-10' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1169	Variable Air Volume Terminal Unit 'ATU-4-1-13' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1170	Variable Air Volume Terminal Unit 'ATU-4-1-14' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1171	Variable Air Volume Terminal Unit 'ATU-4-1-15' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1172	Variable Air Volume Terminal Unit 'ATU-4-1-16' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1173	Variable Air Volume Terminal Unit 'ATU-4-1-17' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1174	Variable Air Volume Terminal Unit 'ATU-4-1-19' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1175	Variable Air Volume Terminal Unit 'ATU-4-1-20' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1176	Variable Air Volume Terminal Unit 'ATU-4-1-21' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1177	Variable Air Volume Terminal Unit 'ATU-4-1-22' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1178	Variable Air Volume Terminal Unit 'ATU-4-1-23' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1179	Variable Air Volume Terminal Unit 'ATU-4-1-24' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1180	Variable Air Volume Terminal Unit 'ATU-4-1-25' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1181	Variable Air Volume Terminal Unit 'ATU-4-1-26' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1182	Variable Air Volume Terminal Unit 'ATU-4-1-27' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1183	Variable Air Volume Terminal Unit 'ATU-4-1-28' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1184	Variable Air Volume Terminal Unit 'ATU-4-1-29' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1185	Variable Air Volume Terminal Unit 'ATU-4-1-30' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1186	Variable Air Volume Terminal Unit 'ATU-4-1-31' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1187	Variable Air Volume Terminal Unit 'ATU-4-1-32' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1188	Variable Air Volume Terminal Unit 'ATU-4-1-33' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1189	Variable Air Volume Terminal Unit 'ATU-4-1-34' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1190	Variable Air Volume Terminal Unit 'ATU-4-1-35' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1191	Variable Air Volume Terminal Unit 'ATU-4-1-36' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1192	Variable Air Volume Terminal Unit 'ATU-4-1-37' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1193	Variable Air Volume Terminal Unit 'ATU-4-1-38' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1194	Variable Air Volume Terminal Unit 'ATU-4-1-39' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1195	Variable Air Volume Terminal Unit 'ATU-4-1-40' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1196	Variable Air Volume Terminal Unit 'ATU-4-1-41' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1197	Variable Air Volume Terminal Unit 'ATU-4-1-42' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1198	Variable Air Volume Terminal Unit 'ATU-4-1-43' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1199	Variable Air Volume Terminal Unit 'ATU-4-1-44' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1200	Variable Air Volume Terminal Unit 'ATU-4-1-45' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1201	Variable Air Volume Terminal Unit 'ATU-4-1-46' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1202	Variable Air Volume Terminal Unit 'ATU-4-1-47' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	

PROJECT :

Estimated By:



Galaxy Estimating

CLIENT	
DATE	
Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
<b>Sensor &amp; Detectors</b>									
1203	Thermostate Sensor	41	EA	0%	41.00	\$ -	\$ -	\$ -	
1204	Pressure Sensor	8	EA	0%	8.00	\$ -	\$ -	\$ -	
<b>Droppers</b>									
1205	(1".Dia) Condensate Drain Pipe Dropper (2 EA & 10'-0" H)	20	LF	0%	20.00	\$ -	\$ -	\$ -	
<b>FIFTH FLOOR</b>									
<b>Piping</b>									
<b>Hot Water Supply Pipe 'HWS'</b>									
1206	(3/4".Dia) Hot Water Supply Pipe 'HWS' - Material: Copper Type L / Schedule 40 Steel Pipe	304	LF	0%	304.00	\$ -	\$ -	\$ -	
1207	(1".Dia) Hot Water Supply Pipe 'HWS' - Material: Copper Type L / Schedule 40 Steel Pipe	79	LF	0%	79.00	\$ -	\$ -	\$ -	
1208	(1-1/4".Dia) Hot Water Supply Pipe 'HWS' - Material: Schedule 40 Steel Pipe	130	LF	0%	130.00	\$ -	\$ -	\$ -	
1209	(1-1/2".Dia) Hot Water Supply Pipe 'HWS' - Material: Schedule 40 Steel Pipe	93	LF	0%	93.00	\$ -	\$ -	\$ -	
1210	(2".Dia) Hot Water Supply Pipe 'HWS' - Material: Schedule 40 Steel Pipe	71	LF	0%	71.00	\$ -	\$ -	\$ -	
<b>Hot Water Return Pipe 'HWR'</b>									
1211	(3/4".Dia) Hot Water Return Pipe 'HWR' - Material: Copper Type L / Schedule 40 Steel Pipe	322	LF	0%	322.00	\$ -	\$ -	\$ -	
1212	(1".Dia) Hot Water Return Pipe 'HWR' - Material: Copper Type L / Schedule 40 Steel Pipe	76	LF	0%	76.00	\$ -	\$ -	\$ -	
1213	(1-1/4".Dia) Hot Water Return Pipe 'HWR' - Material: Schedule 40 Steel Pipe	131	LF	0%	131.00	\$ -	\$ -	\$ -	
1214	(1-1/2".Dia) Hot Water Return Pipe 'HWR' - Material: Schedule 40 Steel Pipe	93	LF	0%	93.00	\$ -	\$ -	\$ -	
1215	(2".Dia) Hot Water Return Pipe 'HWR' - Material: Schedule 40 Steel Pipe	70	LF	0%	70.00	\$ -	\$ -	\$ -	
<b>Condensate Drain Pipe 'CD'</b>									
1216	(3/4".Dia) Condensate Drain Pipe 'CD'	13	LF	0%	13.00	\$ -	\$ -	\$ -	
1217	(1".Dia) Condensate Drain Pipe 'CD'	104	LF	0%	104.00	\$ -	\$ -	\$ -	
<b>Fittings</b>									
<b>Bends</b>									
1218	(3/4".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	158	EA	0%	158.00	\$ -	\$ -	\$ -	
1219	(1".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
1220	(1-1/4".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
1221	(1-1/2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
1222	(3/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	158	EA	0%	158.00	\$ -	\$ -	\$ -	
1223	(1".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	2	EA	0%	2.00	\$ -	\$ -	\$ -	
1224	(1-1/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
1225	(1-1/2".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Bend	4	EA	0%	4.00	\$ -	\$ -	\$ -	
<b>Tees</b>									
1226	(3/4".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	4	EA	0%	4.00	\$ -	\$ -	\$ -	
1227	(1".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	8	EA	0%	8.00	\$ -	\$ -	\$ -	
1228	(1-1/4".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	12	EA	0%	12.00	\$ -	\$ -	\$ -	
1229	(1-1/2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	12	EA	0%	12.00	\$ -	\$ -	\$ -	
1230	(2".Dia & 90 Degree) Hot Water Supply Pipe 'HWS' Tee	6	EA	0%	6.00	\$ -	\$ -	\$ -	
1231	(3/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	4	EA	0%	4.00	\$ -	\$ -	\$ -	
1232	(1".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	8	EA	0%	8.00	\$ -	\$ -	\$ -	
1233	(1-1/4".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	12	EA	0%	12.00	\$ -	\$ -	\$ -	
1234	(1-1/2".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	12	EA	0%	12.00	\$ -	\$ -	\$ -	
1235	(2".Dia & 90 Degree) Hot Water Return Pipe 'HWR' Tee	6	EA	0%	6.00	\$ -	\$ -	\$ -	
1236	(3/4".Dia & 90 Degree) Condensate Drain Pipe 'CD' Bend	6	EA	0%	6.00	\$ -	\$ -	\$ -	
1237	(1".Dia & 90 Degree) Condensate Drain Pipe 'CD' Bend	8	EA	0%	8.00	\$ -	\$ -	\$ -	
<b>Transitions</b>									
1238	(1".Dia To 3/4".Dia) Hot Water Supply Pipe 'HWS' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1239	(1-1/4".Dia To 1".Dia) Hot Water Supply Pipe 'HWS' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1240	(1-1/2".Dia To 1".Dia) Hot Water Supply Pipe 'HWS' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1241	(1-1/2".Dia To 1-1/4".Dia) Hot Water Supply Pipe 'HWS' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1242	(2".Dia To 1-1/2".Dia) Hot Water Supply Pipe 'HWS' Transition	2	EA	0%	2.00	\$ -	\$ -	\$ -	
1243	(1".Dia To 3/4".Dia) Hot Water Return Pipe 'HWR' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1244	(1-1/4".Dia To 1".Dia) Hot Water Return Pipe 'HWR' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1245	(1-1/2".Dia To 1".Dia) Hot Water Return Pipe 'HWR' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1246	(1-1/2".Dia To 1-1/4".Dia) Hot Water Return Pipe 'HWR' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1247	(2".Dia To 1-1/2".Dia) Hot Water Return Pipe 'HWR' Transition	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1248	(1".Dia & 90 Degree) Condensate Drain Pipe 'CD' Tee	1	EA	0%	1.00	\$ -	\$ -	\$ -	
<b>Connections</b>									
1249	(3/4".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	14	EA	0%	14.00	\$ -	\$ -	\$ -	
1250	(1-1/4".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1251	(1-1/2".Dia) Hot Water Supply Pipe 'HWS' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	
1252	(3/4".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	14	EA	0%	14.00	\$ -	\$ -	\$ -	
1253	(1-1/4".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1254	(1-1/2".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1255	(2".Dia) Hot Water Return Pipe 'HWR' Connection From Existing To New	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1256	(1".Dia) Condensate Drain Pipe 'CD' Connection From Existing To New	2	EA	0%	2.00	\$ -	\$ -	\$ -	
<b>Valves</b>									
1257	(3/4".Dia) Shut Off Valve	108	EA	0%	108.00	\$ -	\$ -	\$ -	
1258	(1-1/4".Dia) Shut Off Valve	2	EA	0%	2.00	\$ -	\$ -	\$ -	
1259	(3/4".Dia) Isolation Valve 'IV'	92	EA	0%	92.00	\$ -	\$ -	\$ -	
1260	(3/4".Dia) Control Valve 'IV'	46	EA	0%	46.00	\$ -	\$ -	\$ -	
1261	P/T Testing Ports	92	EA	0%	92.00	\$ -	\$ -	\$ -	
<b>Fixtures</b>									
<b>Variable Air Volume Terminal Unit 'ATUs'</b>									
1262	Variable Air Volume Terminal Unit 'ATU-5-1-1' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1263	Variable Air Volume Terminal Unit 'ATU-5-1-2' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1264	Variable Air Volume Terminal Unit 'ATU-5-1-3' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1265	Variable Air Volume Terminal Unit 'ATU-5-1-4' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1266	Variable Air Volume Terminal Unit 'ATU-5-1-5' - Manufacturer: TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	



PROJECT :

Estimated By:



Galaxy Estimating

CLIENT	
DATE	
Sub Total	\$0
Profit/Overhead @ 20%	20.00% \$0.00
<b>TOTAL COST</b>	<b>\$0</b>

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT LABOR	UNIT MATERIAL	TOTAL LABOR & MATERIAL COST	TRADE COST
1267	Variable Air Volume Terminal Unit 'ATU-5-1-6' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1268	Variable Air Volume Terminal Unit 'ATU-5-1-7' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1269	Variable Air Volume Terminal Unit 'ATU-5-1-8' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1270	Variable Air Volume Terminal Unit 'ATU-5-1-9' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1271	Variable Air Volume Terminal Unit 'ATU-5-1-10' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1272	Variable Air Volume Terminal Unit 'ATU-5-1-11' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1273	Variable Air Volume Terminal Unit 'ATU-5-1-12' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1274	Variable Air Volume Terminal Unit 'ATU-5-1-13' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1275	Variable Air Volume Terminal Unit 'ATU-5-1-14' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1276	Variable Air Volume Terminal Unit 'ATU-5-1-15' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1277	Variable Air Volume Terminal Unit 'ATU-5-1-16' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1278	Variable Air Volume Terminal Unit 'ATU-5-1-17' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1279	Variable Air Volume Terminal Unit 'ATU-5-1-18' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1280	Variable Air Volume Terminal Unit 'ATU-5-1-19' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1281	Variable Air Volume Terminal Unit 'ATU-5-1-20' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1282	Variable Air Volume Terminal Unit 'ATU-5-1-21' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1283	Variable Air Volume Terminal Unit 'ATU-5-1-22' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1284	Variable Air Volume Terminal Unit 'ATU-5-1-23' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1285	Variable Air Volume Terminal Unit 'ATU-5-1-24' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1286	Variable Air Volume Terminal Unit 'ATU-5-1-25' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1287	Variable Air Volume Terminal Unit 'ATU-5-1-26' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1288	Variable Air Volume Terminal Unit 'ATU-5-1-27' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1289	Variable Air Volume Terminal Unit 'ATU-5-1-28' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1290	Variable Air Volume Terminal Unit 'ATU-5-1-29' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1291	Variable Air Volume Terminal Unit 'ATU-5-1-30' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1292	Variable Air Volume Terminal Unit 'ATU-5-1-31' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1293	Variable Air Volume Terminal Unit 'ATU-5-1-32' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1294	Variable Air Volume Terminal Unit 'ATU-5-1-33' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1295	Variable Air Volume Terminal Unit 'ATU-5-1-34' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1296	Variable Air Volume Terminal Unit 'ATU-5-1-35' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1297	Variable Air Volume Terminal Unit 'ATU-5-1-36' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1298	Variable Air Volume Terminal Unit 'ATU-5-1-38' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1299	Variable Air Volume Terminal Unit 'ATU-5-1-39' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1300	Variable Air Volume Terminal Unit 'ATU-5-1-40' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1301	Variable Air Volume Terminal Unit 'ATU-5-1-41' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1302	Variable Air Volume Terminal Unit 'ATU-5-1-42' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1303	Variable Air Volume Terminal Unit 'ATU-5-1-44' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1304	Variable Air Volume Terminal Unit 'ATU-5-1-45' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1305	Variable Air Volume Terminal Unit 'ATU-5-1-46' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1306	Variable Air Volume Terminal Unit 'ATU-5-1-47' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1307	Variable Air Volume Terminal Unit 'ATU-5-1-48' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
	<b>RA Variable Terminal Unit 'RAVs'</b>								
1308	RA Variable Terminal Unit 'RAV-5-1-2' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1309	RA Variable Terminal Unit 'RAV-5-1-3' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1310	RA Variable Terminal Unit 'RAV-5-1-5' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1311	RA Variable Terminal Unit 'RAV-5-1-7' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1312	RA Variable Terminal Unit 'RAV-5-1-8' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	
1313	RA Variable Terminal Unit 'RAV-5-1-9' - <b>Manufacturer:</b> TRANE	1	EA	0%	1.00	\$ -	\$ -	\$ -	

