

GENERAL SUMMARY

Prepared for:
 Project ID:
 Scope:
 No. Of Floors:
 Date:



BUILDING GSF
 Sub-Basement (SF)
 Basement (SF)
 1st Floor (SF)
 2nd Floor (SF)

DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST
1000	General Requirements	\$ -	\$ -
2000	Demolition/Site Work	\$ -	\$ -
22000	Plumbing	\$ -	\$ -
TOTAL TRADE COST		\$ -	\$ -
OVERHEAD AND PROFIT	7.5%	\$ -	\$ -
INSURANCE	0%	\$ -	\$ -
CONTINGENCY	0%	\$ -	\$ -
TAX	0%	\$ -	\$ -
TOTAL TRADE COST		\$ -	\$ -

SAMPLE ESTIMATE BY
 NATIONAL ESTIMATING, DRAFTING AND
 ENGINEERING SERVICES

BREAKDOWN OF ITEMS

Prepared for:
 Project ID:
 Scope: **Plumbing**



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS									
1	Permits	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -
2	Supervision and Coordination	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -
3	Submittals and Shop drawings	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -
4	Final Cleaning	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -
5	Mobilization Costs	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -
6	Temporary Control & Facilities	LS	1	0%	1	\$ -	\$ -	\$ -	\$ -
7	Scaffolding	SF	168071	0%	168071	\$ -	\$ -	\$ -	\$ -
SUBTOTAL \$									-
DEMOLITION									
8	Remove Existing Water Heater	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
9	Remove Existing Lavatory	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
10	Remove Existing Shower	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
11	Remove Existing Urinal	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
12	Remove Existing Waste Pipe	LF	50	0%	50	\$ -	\$ -	\$ -	\$ -
SUBTOTAL \$									-
Plumbing									
Cold Water Pipe Underground									
Type K Soft Drawn Copper W/ Wrought Copper Fittings									
13	1" Dia Cold Water Pipe	LF	458	10%	504	\$ -	\$ -	\$ -	\$ -
14	2-1/2" Dia Cold Water Pipe	LF	9	10%	9	\$ -	\$ -	\$ -	\$ -
Cold Water Pipe Fittings									
Elbow									
15	1" Dia Cold Water Pipe 90 Deg Elbow	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
16	2-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
Cold Water Pipe									
Type L Hard Drawn Copper W/ Wrought Copper Fittings									
17	1/2" Dia Cold Water Pipe	LF	150	10%	165	\$ -	\$ -	\$ -	\$ -
18	3/4" Dia Cold Water Pipe	LF	412	10%	453	\$ -	\$ -	\$ -	\$ -
19	1" Dia Cold Water Pipe	LF	177	10%	195	\$ -	\$ -	\$ -	\$ -
20	1-1/4" Dia Cold Water Pipe	LF	18	10%	19	\$ -	\$ -	\$ -	\$ -
21	1-1/2" Dia Cold Water Pipe	LF	82	10%	90	\$ -	\$ -	\$ -	\$ -
22	2" Dia Cold Water Pipe	LF	40	10%	44	\$ -	\$ -	\$ -	\$ -
23	2-1/2" Dia Cold Water Pipe	LF	13	10%	14	\$ -	\$ -	\$ -	\$ -
Insulation									
1" Thick Noncombustible, Performed, Fiberglass Pipe Insulation W/ A Conductivity, K-Value, Of 0.27 A 75 F, With Kraft Reinforced Foil Vapor Barrier W/ Self Adhesive Joints.									
24	1/2" Dia Cold Water Pipe	LF	136	10%	150	\$ -	\$ -	\$ -	\$ -
25	3/4" Dia Cold Water Pipe	LF	412	10%	453	\$ -	\$ -	\$ -	\$ -
26	1" Dia Cold Water Pipe	LF	177	10%	195	\$ -	\$ -	\$ -	\$ -
27	1-1/4" Dia Cold Water Pipe	LF	18	10%	19	\$ -	\$ -	\$ -	\$ -
28	1-1/2" Dia Cold Water Pipe	LF	82	10%	90	\$ -	\$ -	\$ -	\$ -
29	2" Dia Cold Water Pipe	LF	40	10%	44	\$ -	\$ -	\$ -	\$ -
30	2-1/2" Dia Cold Water Pipe	LF	13	10%	14	\$ -	\$ -	\$ -	\$ -
Cold Water Pipe Fittings									
Elbow									
31	1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	32	0%	32	\$ -	\$ -	\$ -	\$ -
32	3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	21	0%	21	\$ -	\$ -	\$ -	\$ -
33	1" Dia Cold Water Pipe 90 Deg Elbow	EA	14	0%	14	\$ -	\$ -	\$ -	\$ -
34	1-1/4" Dia Cold Water Pipe 90 Deg Elbow	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
35	1-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
36	2-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
Tee									
37	1/2" Dia Cold Water Pipe Tee	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
38	3/4" Dia Cold Water Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
39	1" Dia Cold Water Pipe Tee	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
40	3/4" / 1/2" Dia Cold Water Pipe Tee	EA	5	0%	5	\$ -	\$ -	\$ -	\$ -
41	1" / 1/2" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
42	1" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
43	1-1/4" / 1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
44	1-1/2" / 1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
45	1-1/2" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -

SAMPLE ESTIMATE BY
 NATIONAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

BREAKDOWN OF ITEMS

Prepared for:
 Project ID:
 Scope: **Plumbing**



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
46	1-1/2" / 1-1/4" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
47	2" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
48	2" / 1-1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
49	2-1/2" / 1" Dia Cold Water Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Reducer								
50	3/4" / 1/2" Dia Cold Water Pipe Reducer	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
51	1" / 3/4" Dia Cold Water Pipe Reducer	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
52	1-1/4" / 3/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
53	1-1/2" / 3/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
54	1-1/2" / 1" Dia Cold Water Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
55	1-1/2" / 1-1/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
56	2" / 1-1/2" Dia Cold Water Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
57	2-1/2" / 2" Dia Cold Water Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Hot Water Pipe								
	Type L Hard Drawn Copper W/ Wrought Copper Fittings								
58	1/2" Dia Hot Water Pipe	LF	76	10%	84	\$ -	\$ -	\$ -	\$ -
59	3/4" Dia Hot Water Pipe	LF	109	10%	120	\$ -	\$ -	\$ -	\$ -
60	1" Dia Hot Water Pipe	LF	60	10%	66	\$ -	\$ -	\$ -	\$ -
	Insulation								
	1" Thick Noncombustible, Performed, Fiberglass Pipe Insulation W/ A Conductivity, K-Value, Of 0.27 A 75 F, With Kraft Reinforced Foil Vapor Barrier W/ Self Adhesive Joints.								
61	1/2" Dia Hot Water Pipe	LF	76	10%	84	\$ -	\$ -	\$ -	\$ -
62	3/4" Dia Hot Water Pipe	LF	109	10%	120	\$ -	\$ -	\$ -	\$ -
63	1" Dia Hot Water Pipe	LF	60	10%	66	\$ -	\$ -	\$ -	\$ -
	Hot Water Pipe Fittings								
	Elbow								
64	1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	19	0%	19	\$ -	\$ -	\$ -	\$ -
65	3/4" Dia Hot Water Pipe 90 Deg Elbow	EA	8	0%	8	\$ -	\$ -	\$ -	\$ -
66	1" Dia Hot Water Pipe 90 Deg Elbow	EA	8	0%	8	\$ -	\$ -	\$ -	\$ -
	Tee								
67	1/2" Dia Hot Water Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
68	3/4" / 1/2" Dia Hot Water Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
69	1" / 1/2" Dia Hot Water Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
70	1" / 3/4" Dia Hot Water Pipe Tee	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Reducer								
71	1" / 1/2" Dia Hot Water Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Hot Water Return Pipe								
	Type L Hard Drawn Copper W/ Wrought Copper Fittings								
72	1/2" Dia Hot Water Return Pipe	LF	53	10%	58	\$ -	\$ -	\$ -	\$ -
	Insulation								
	1" Thick Noncombustible, Performed, Fiberglass Pipe Insulation W/ A Conductivity, K-Value, Of 0.27 A 75 F, With Kraft Reinforced Foil Vapor Barrier W/ Self Adhesive Joints.								
73	1/2" Dia Hot Water Return Pipe	LF	53	10%	58	\$ -	\$ -	\$ -	\$ -
	Hot Water Return Pipe Fittings								
	Elbow								
74	1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	10	0%	10	\$ -	\$ -	\$ -	\$ -
	Gas Pipe Underground								
	Sch 40 Black Steel								
75	2" Dia Gas Pipe	LF	7	10%	8	\$ -	\$ -	\$ -	\$ -
	Sch 40 Black Steel, W/ Class 150 Black Malleable Iron Screwed Fittings								
76	3" Dia Gas Pipe	LF	400	10%	440	\$ -	\$ -	\$ -	\$ -
	Gas Pipe Fittings								
	Elbow								
77	2" Dia Gas Pipe 90 Deg Elbow	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
78	3" Dia Gas Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Reducer								
79	3" / 2" Dia Gas Pipe Reducer	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Gas Pipe								
	Sch 40 Black Steel								
80	3/4" Dia Gas Pipe	LF	183	10%	201	\$ -	\$ -	\$ -	\$ -
81	1" Dia Gas Pipe	LF	190	10%	209	\$ -	\$ -	\$ -	\$ -
82	1-1/4" Dia Gas Pipe	LF	190	10%	209	\$ -	\$ -	\$ -	\$ -

SAMPLE ESTIMATE BY
 NATIONAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

SAMPLE ESTIMATE BY
 NATIONAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES

BREAKDOWN OF ITEMS

Prepared for:
 Project ID:
 Scope: **Plumbing**



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
130	2" / 1-1/2" Dia Waste Pipe Reducer	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
131	2" / 1-1/4" Dia Waste Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
132	4" / 2" Dia Waste Pipe Reducer	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Vent Pipe Underground								
	Cast Iron No Hub Coupling								
133	1-1/2" Dia Vent Pipe	LF	12	10%	13	\$ -	\$ -	\$ -	\$ -
134	2" Dia Vent Pipe	LF	101	10%	111	\$ -	\$ -	\$ -	\$ -
	Vent Pipe Fittings								
	Elbow								
135	1-1/2" Dia Vent Pipe 90 Deg Elbow	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
136	2" Dia Vent Pipe 90 Deg Elbow	EA	34	0%	34	\$ -	\$ -	\$ -	\$ -
	Vent Pipe								
	Cast Iron No Hub Coupling								
137	1-1/4" Dia Vent Pipe	LF	10	10%	11	\$ -	\$ -	\$ -	\$ -
138	1-1/2" Dia Vent Pipe	LF	119	10%	131	\$ -	\$ -	\$ -	\$ -
139	2" Dia Vent Pipe	LF	226	10%	249	\$ -	\$ -	\$ -	\$ -
140	3" Dia Vent Pipe	LF	10	10%	11	\$ -	\$ -	\$ -	\$ -
	Vent Pipe Fittings								
	Elbow								
141	1-1/4" Dia Vent Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
142	1-1/2" Dia Vent Pipe 90 Deg Elbow	EA	18	0%	18	\$ -	\$ -	\$ -	\$ -
143	2" Dia Vent Pipe 90 Deg Elbow	EA	14	0%	14	\$ -	\$ -	\$ -	\$ -
144	3" Dia Vent Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Tee								
145	1-1/2" Dia Vent Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
146	2" / 1-1/2" Dia Vent Pipe Tee	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
147	2" Dia Vent Pipe Tee	EA	10	0%	10	\$ -	\$ -	\$ -	\$ -
	Reducer								
148	2" / 1-1/4" Dia Vent Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
149	2" / 1-1/2" Dia Vent Pipe Reducer	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
150	3" / 2" Dia Vent Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Condensate Drain Pipe								
	Type M Hard Drawn Copper W/ Wrought Copper Fittings, Soldered W/ Brazed With Silver Based Filler Material.								
151	3/4" Dia Condensate Drain Pipe	LF	88	10%	97	\$ -	\$ -	\$ -	\$ -
152	1" Dia Condensate Drain	LF	305	10%	335	\$ -	\$ -	\$ -	\$ -
153	1-1/4" Dia Condensate Drain Pipe	LF	54	10%	60	\$ -	\$ -	\$ -	\$ -
	Insulation								
	1" Thick Noncombustible, Performed, Fiberglass Pipe Insulation W/ A Conductivity, K-Value, Of 0.27 A 75 F, With Kraft Reinforced Foil Vapor Barrier W/ Self Adhesive Joints.								
154	3/4" Dia Condensate Drain Pipe	LF	88	10%	97	\$ -	\$ -	\$ -	\$ -
155	1" Dia Condensate Drain	LF	305	10%	335	\$ -	\$ -	\$ -	\$ -
156	1-1/4" Dia Condensate Drain Pipe	LF	54	10%	60	\$ -	\$ -	\$ -	\$ -
	Condensate Drain Pipe Fittings								
	Elbow								
157	3/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
158	1" Dia Condensate Drain Pipe 90 Deg Elbow	EA	13	0%	13	\$ -	\$ -	\$ -	\$ -
159	1-1/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
160	3/4" Dia Condensate Drain Pipe 45 Deg Elbow	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
161	1" Dia Condensate Drain Pipe 45 Deg Elbow	EA	7	0%	7	\$ -	\$ -	\$ -	\$ -
	Tee								
162	3/4" Dia Condensate Drain Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
163	1" Dia Condensate Drain Tee	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
164	1" / 3/4" Dia Condensate Drain Pipe Tee	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
165	1-1/4" / 1" Dia Condensate Drain Pipe Tee	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
	Reducer								
166	1" / 3/4" Dia Condensate Drain Pipe Reducer	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
167	1-1/4" / 1" Dia Condensate Drain Pipe Reducer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
	Drain & Cleanouts								
168	4" Dia FS, Floor Sink, JAY R. SMITH JRS-325.	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
169	4" Dia RD, Roof Drain, ZURN MODEL ZC100-NH-C 1.5	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
170	4" Dia ORD, Overflow Roof Drain, ZURN MODEL ZC100-NH-C 1.5	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
171	4" Dia TD-1, Trench Drain, ZURN MODEL ZA-880-300	EA	5	0%	5	\$ -	\$ -	\$ -	\$ -
172	3/4" Dia CO, Cleanout (Interior), JAY R.SMITH 442.	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
173	1" Dia CO, Cleanout (Interior), JAY R.SMITH 442.	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
174	2" Dia CO, Cleanout (Interior), JAY R.SMITH 442.	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -

NATIONAL ESTIMATING, DRAFTING AND ENGINEERING SERVICES
 SAMPLE ESTIMATE BY

BREAKDOWN OF ITEMS

Prepared for:

Project ID:

Scope: **Plumbing**



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
175	4" Dia CO, Cleanout (Interior), JAY R.SMITH 4120.	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
176	4" Dia COTG, Cleanout (Exterior), JAY R.SMITH 4880.	EA	10	0%	10	\$ -	\$ -	\$ -	\$ -
177	4" Dia COTG, Cleanout (Exterior 2-Way), JAY R.SMITH	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
178	4" Dia Downspout, JR SMITH FIGURE 1770-NB, Nickle	EA	8	0%	8	\$ -	\$ -	\$ -	\$ -
Plumbing Fixtures									
179	WC-1, Water Closet, SLOAN WETS-8029-8110-25G	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
180	U-1, Urinal, AMERICAN STANDARD CADET #6601.01	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
181	LAV-1, Lavatory, AMERICAN STANDARD LUCERNA Wa	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
182	S-1, Sink, ELKAY GOURMET MODEL BLR15, COUNTER	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
183	KS-1, Kitchen Sink, ELKAY LUSTERTONE MODEL LRAD3	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
184	EWS-1, Emergency Eye Wash	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
185	DF-1, Drinking Fountain, ELKAY MODEL LVRCHDTL8SC	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
186	RB-1, Refrigerator Wall Box, SIOUX CHIEF OX BOX Ig	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
187	Ice Maker	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
188	Pressure Washer (Owner Provide)	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
Pumps									
189	CP-1, Circulation Pump, TACO 0011-SF4, 5 GPM.	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
Interceptors									
190	SB-1, Sample Box	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
191	SOI-1, Sand / Oil Interceptor, 500 Gallon, Box Design	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
MISC.									
192	3" Dia Gas Meter	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
193	3/4" Dia HB, Hose Bibb, ZURN MODEL Z1341-P34, H	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
194	1" Dia HB, Wash Bay Hose Bibb, ZURN MODEL Z134	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
195	1" Dia Utility Stub	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
196	1/2" Dia NSF 12 Backflow Preventer Assembly	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
197	1" Dia Accessible Shut-Off Valve	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
198	2" Dia Accessible Gas Shut-Off Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
199	3" Dia Accessible Gas Shut-Off Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
200	2-1/2" Dia Gate Valve	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
201	1-1/2" Dia VTR, Vent Through Roof	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
202	2" Dia VTR, Vent Through Roof	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
203	3" Dia VTR, Vent Through Roof	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
Hot Water Heater									
204	WH-1, Gas Fired Tank Water Heater, AO SMITH GDI	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
Tank									
205	ET-1, Expansion Tank, AMTROL ST-20VC, Furnished W	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
Water Heater Accessories									
206	1" Dia Check Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
207	1" Dia Dirt Leg	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
208	1" Dia Gas Cock	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
209	1" Dia Shut-Off Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
210	1" Dia Union	EA	4	0%	4	\$ -	\$ -	\$ -	\$ -
211	1/2" Dia Balancing Valve Assembly	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
212	1/2" Dia Check Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
213	1/2" Dia Flexible Connector	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
214	1/2" Dia Pressure And Temperature Relief Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
215	1/2" Dia Shut-Off Valve	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
216	1/2" Dia Strainer	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
217	3" Wide 16 Gauge Galvanized Sheet Metal Seismic	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
218	Secondary Drain Pan	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
Lavatory Accessories									
219	1/2" Dia Compression Fitting	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
220	1/2" Dia Inline Check Valve	EA	12	0%	12	\$ -	\$ -	\$ -	\$ -
221	1/2" Dia Mixing Valve, ACORN TMV-1 ST70. Set To	EA	3	0%	3	\$ -	\$ -	\$ -	\$ -
Gas Connection Detail (For Roof Top Units)									
222	1" Dia Cap	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
223	1" Dia Gas Cock	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
224	1" Dia Ground Joint Union W/ Brass Seat	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
225	1" Dia Nipple	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
226	1" Dia Plugged 1/8" NPT Test Gage Connection	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
227	1" Dia Tee Fitting	EA	9	0%	9	\$ -	\$ -	\$ -	\$ -
No Hub Couplings									
228	1-1/4" Dia Coupling	EA	7	0%	7	\$ -	\$ -	\$ -	\$ -
229	1-1/2" Dia Coupling	EA	65	0%	65	\$ -	\$ -	\$ -	\$ -
230	2" Dia Coupling	EA	288	0%	288	\$ -	\$ -	\$ -	\$ -
231	3" Dia Coupling	EA	17	0%	17	\$ -	\$ -	\$ -	\$ -
232	4" Dia Coupling	EA	246	0%	246	\$ -	\$ -	\$ -	\$ -

SAMPLE ESTIMATE BY
 NATIONAL ESTIMATING, DRAFTING AND ENGINEERING
 SERVICES

BREAKDOWN OF ITEMS

Prepared for:
 Project ID:
 Scope: **Plumbing**



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
Pipe Support									
233	1/2" Dia Adjustable Clevis Hanger	EA	42	0%	42	\$ -	\$ -	\$ -	\$ -
234	3/4" Dia Adjustable Clevis Hanger	EA	118	0%	118	\$ -	\$ -	\$ -	\$ -
235	1" Dia Adjustable Clevis Hanger	EA	107	0%	107	\$ -	\$ -	\$ -	\$ -
236	1-1/4" Dia Adjustable Clevis Hanger	EA	15	0%	15	\$ -	\$ -	\$ -	\$ -
237	1-1/2" Dia Adjustable Clevis Hanger	EA	41	0%	41	\$ -	\$ -	\$ -	\$ -
238	2" Dia Adjustable Clevis Hanger	EA	28	0%	28	\$ -	\$ -	\$ -	\$ -
239	2-1/2" Dia Adjustable Clevis Hanger	EA	6	0%	6	\$ -	\$ -	\$ -	\$ -
240	3" Dia Adjustable Clevis Hanger	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
241	4" Dia Adjustable Clevis Hanger	EA	28	0%	28	\$ -	\$ -	\$ -	\$ -
242	1/2" Dia Threaded Rod (1 Ea = 1 FT)	EA	323	0%	323	\$ -	\$ -	\$ -	\$ -
243	3/8" Dia Threaded Rod (1 Ea = 1 FT)	EA	63	0%	63	\$ -	\$ -	\$ -	\$ -
SUBTOTAL \$									-

							PROJECTED COST			
							0.15	0.15	15%	\$0
ERHEAD AND PROFIT										
INSURANCE							0	0	0%	\$0
CONTINGENCY							0	0	0%	\$0
TAX							0	0	0%	\$0
SUGGESTED BID									\$0	

Note:

1. Please verify the equipment's and their prices with owner.
2. For tree plantation average prices are use. Please verify according to tree type.
3. Online sources are used for pricing.
4. Prices can vary depending upon field conditions.