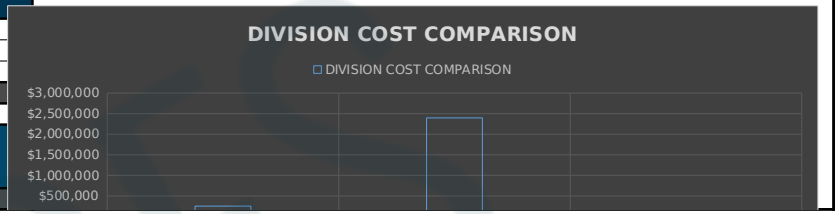
GENERAL SUMMARY

Prepared for: 0
Project ID: 0
Scope: Plumbing
No. Of Floors: 4
Date: 7-Oct-26

NEDES
National Estimating, Drafting & Engineering Services
+1 (708) 381-0900

BUILDING GSF		70,850	
DIVISION NO	**DESCRIPTION**	**TOTAL DIV. COST**	**TOTAL DIV. COST (PER SF)**
1000	General Requirements	$ 253,500	$
22000	Plumbing	$ 2,396,136	$
33000	Utilities	$ 12,412	$
	TOTAL TRADE COST	$ 2,662,048	$
INSURANCE	3%	$ 79,861	$
CONTINGENCY	5%	$ 133,102	$
TAX	8%	$ 72,025	$
	SUGGESTED BID	$ 2,947,037	$



DETAILED BREAKDOWN OF ITEMS

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

NEDES
National Estimating, Drafting & Engineering Services
+1 (708) 381-0900

Date: **7-Oct-26**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			GENERAL REQUIREMENTS										
1			Permits	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 135,000.00	$ 135,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 9,000.00	$ 9,000.00
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 85,000.00	$ 85,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 24,500.00	$ 24,500.00
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL $	**253,500**
			PLUMBING										
			COLD WATER PIPE (ABOVE GRADE)										
			PEX Pipe										
8			1/2" Dia Cold Water Pipe	LF	7331	10%	8064	0.019	$ 187.00	$ 3.58	$ 0.56	$ 4.14	$ 33,355.55
			Schedule 40 CPVC Pipe										
9			1/2" Dia Cold Water Pipe	LF	216	10%	238	0.094	$ 187.00	$ 17.64	$ 1.34	$ 18.98	$ 4,511.75
10			3/4" Dia Cold Water Pipe	LF	379	10%	416	0.100	$ 187.00	$ 18.72	$ 2.01	$ 20.73	$ 8,631.19
11			1" Dia Cold Water Pipe	LF	2862	10%	3148	0.111	$ 187.00	$ 20.74	$ 2.68	$ 23.42	$ 73,744.96
12			1-1/4" Dia Cold Water Pipe	LF	119	10%	130	0.121	$ 187.00	$ 22.65	$ 3.35	$ 26.00	$ 3,390.33
13			1-1/2" Dia Cold Water Pipe	LF	736	10%	809	0.142	$ 187.00	$ 26.47	$ 4.02	$ 30.49	$ 24,667.80
14			2" Dia Cold Water Pipe	LF	83	10%	91	0.173	$ 187.00	$ 32.31	$ 5.36	$ 37.67	$ 3,420.26
15			2-1/2" Dia Cold Water Pipe	LF	88	10%	97	0.182	$ 187.00	$ 34.09	$ 6.71	$ 40.80	$ 3,956.15
16			3" Dia Cold Water Pipe	LF	90	10%	99	0.193	$ 187.00	$ 36.00	$ 8.05	$ 44.05	$ 4,339.45
		Material Assumed	**1" Thick Fiberglass Insulation**										
17			1/2" Dia Cold Water Pipe	LF	7547	10%	8302	0.010	$ 187.00	$ 1.91	$ 0.98	$ 2.89	$ 23,970.07
18			3/4" Dia Cold Water Pipe	LF	379	10%	416	0.013	$ 187.00	$ 2.38	$ 1.10	$ 3.48	$ 1,450.86
19			1" Dia Cold Water Pipe	LF	2862	10%	3148	0.017	$ 187.00	$ 3.18	$ 1.21	$ 4.39	$ 13,817.16
		Material Assumed	**1-1/2" Thick Fiberglass Insulation**										
20			1-1/4" Dia Cold Water Pipe	LF	119	10%	130	0.021	$ 187.00	$ 3.97	$ 1.55	$ 5.52	$ 720.20
21			1-1/2" Dia Cold Water Pipe	LF	736	10%	809	0.026	$ 187.00	$ 4.77	$ 1.59	$ 6.36	$ 5,144.62
22			2" Dia Cold Water Pipe	LF	83	10%	91	0.027	$ 187.00	$ 5.09	$ 1.62	$ 6.71	$ 608.90
23			2-1/2" Dia Cold Water Pipe	LF	88	10%	97	0.030	$ 187.00	$ 5.56	$ 1.66	$ 7.22	$ 700.40
24			3" Dia Cold Water Pipe	LF	90	10%	99	0.032	$ 187.00	$ 6.04	$ 1.75	$ 7.79	$ 767.45
			COLD WATER PIPE FITTINGS										
			ELBOW										
25			1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	778	0%	778	0.168	$ 187.00	$ 31.47	$ 3.79	$ 35.26	$ 27,433.91
26			3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	37	0%	37	0.196	$ 187.00	$ 36.72	$ 4.85	$ 41.57	$ 1,538.00
27			1" Dia Cold Water Pipe 90 Deg Elbow	EA	305	0%	305	0.224	$ 187.00	$ 41.96	$ 7.70	$ 49.66	$ 15,147.15
28			1-1/4" Dia Cold Water Pipe 90 Deg Elbow	EA	2	0%	2	0.252	$ 187.00	$ 47.21	$ 16.65	$ 63.86	$ 127.72
29			1-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	22	0%	22	0.281	$ 187.00	$ 52.45	$ 18.85	$ 71.30	$ 1,568.68
30			3" Dia Cold Water Pipe 90 Deg Elbow	EA	4	0%	4	0.490	$ 187.00	$ 91.67	$ 58.50	$ 150.17	$ 600.70
31			1-1/4" / 1" Dia Cold Water Pipe 90 Deg Elbow	EA	3	0%	3	0.252	$ 187.00	$ 47.21	$ 17.25	$ 64.46	$ 193.37
			TEE										
32			1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	0.252	$ 187.00	$ 47.21	$ 8.90	$ 56.11	$ 56.11
33			1" Dia Cold Water Pipe Tee	EA	4	0%	4	0.335	$ 187.00	$ 62.71	$ 11.10	$ 73.81	$ 295.22
34			1-1/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.378	$ 187.00	$ 70.69	$ 23.50	$ 94.19	$ 94.19
35			1-1/2" Dia Cold Water Pipe Tee	EA	67	0%	67	0.421	$ 187.00	$ 78.80	$ 27.00	$ 105.80	$ 7,088.56
36			3" Dia Cold Water Pipe Tee	EA	4	0%	4	0.963	$ 187.00	$ 180.01	$ 76.00	$ 256.01	$ 1,024.04
37			3/4" / 1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	0.295	$ 187.00	$ 55.08	$ 9.05	$ 64.13	$ 64.13
38			1" / 1/2" Dia Cold Water Pipe Tee	EA	118	0%	118	0.335	$ 187.00	$ 62.71	$ 11.10	$ 73.81	$ 8,709.08
39			1" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.335	$ 187.00	$ 62.71	$ 10.10	$ 72.81	$ 72.81
40			1-1/4" / 1/2" Dia Cold Water Pipe Tee	EA	4	0%	4	0.378	$ 187.00	$ 70.69	$ 23.50	$ 94.19	$ 376.77
41			1-1/4" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2	0.378	$ 187.00	$ 70.69	$ 24.00	$ 94.69	$ 189.39
42			1-1/2" / 1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	0.378	$ 187.00	$ 70.69	$ 25.00	$ 95.69	$ 95.69
43			1-1/2" / 1" Dia Cold Water Pipe Tee	EA	20	0%	20	0.378	$ 187.00	$ 70.69	$ 25.00	$ 95.69	$ 1,913.86
44			1-1/2" / 1-1/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.378	$ 187.00	$ 70.69	$ 28.00	$ 98.69	$ 98.69
45			2" / 1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	0.510	$ 187.00	$ 95.37	$ 32.00	$ 127.37	$ 127.37
46			2" / 3/4" Dia Cold Water Pipe Tee	EA	3	0%	3	0.510	$ 187.00	$ 95.37	$ 32.50	$ 127.87	$ 383.61
47			2" / 1-1/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.510	$ 187.00	$ 95.37	$ 33.15	$ 128.52	$ 128.52
48			2" / 1-1/2" Dia Cold Water Pipe Tee	EA	4	0%	4	0.510	$ 187.00	$ 95.37	$ 34.16	$ 129.53	$ 518.12
49			2-1/2" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2	0.630	$ 187.00	$ 117.78	$ 58.00	$ 175.78	$ 351.56
50			2-1/2" / 1-1/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.630	$ 187.00	$ 117.78	$ 59.30	$ 177.08	$ 177.08
51			2-1/2" / 1-1/2" Dia Cold Water Pipe Tee	EA	6	0%	6	0.630	$ 187.00	$ 117.78	$ 60.10	$ 177.88	$ 1,067.29
52			3" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.963	$ 187.00	$ 180.01	$ 76.00	$ 256.01	$ 256.01
53			3" / 1" Dia Cold Water Pipe Tee	EA	2	0%	2	0.963	$ 187.00	$ 180.01	$ 77.12	$ 257.13	$ 514.26
54			3" / 1-1/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.963	$ 187.00	$ 180.01	$ 78.00	$ 258.01	$ 258.01
55			3" / 1-1/2" Dia Cold Water Pipe Tee	EA	7	0%	7	0.963	$ 187.00	$ 180.01	$ 79.00	$ 259.01	$ 1,813.08
			REDUCER										
56			3/4" / 1/2" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.295	$ 187.00	$ 55.08	$ 9.05	$ 64.13	$ 64.13
57			1" / 1/2" Dia Cold Water Pipe Reducer	EA	4	0%	4	0.335	$ 187.00	$ 62.71	$ 11.10	$ 73.81	$ 295.22
58			1" / 3/4" Dia Cold Water Pipe Reducer	EA	2	0%	2	0.335	$ 187.00	$ 62.71	$ 10.10	$ 72.81	$ 145.61
59			1-1/4" / 1/2" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.378	$ 187.00	$ 70.69	$ 23.50	$ 94.19	$ 94.19
60			1-1/4" / 3/4" Dia Cold Water Pipe Reducer	EA	2	0%	2	0.378	$ 187.00	$ 70.69	$ 23.50	$ 94.19	$ 188.39
61			1-1/4" / 1" Dia Cold Water Pipe Tee	EA	3	0%	3	0.378	$ 187.00	$ 70.69	$ 24.00	$ 94.69	$ 284.08
62			1-1/2" / 1/2" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.378	$ 187.00	$ 70.69	$ 25.00	$ 95.69	$ 95.69
63			1-1/2" / 3/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.378	$ 187.00	$ 70.69	$ 25.00	$ 95.69	$ 95.69
64			1-1/2" / 1" Dia Cold Water Pipe Reducer	EA	66	0%	66	0.378	$ 187.00	$ 70.69	$ 28.00	$ 98.69	$ 6,513.74
65			1-1/2" / 1-1/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.378	$ 187.00	$ 70.69	$ 29.00	$ 99.69	$ 99.69
66			2" / 3/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.510	$ 187.00	$ 95.37	$ 33.15	$ 128.52	$ 128.52
67			2" / 1-1/2" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.510	$ 187.00	$ 95.37	$ 34.16	$ 129.53	$ 129.53
68			2-1/2" / 2" Dia Cold Water Pipe Reducer	EA	2	0%	2	0.630	$ 187.00	$ 117.78	$ 58.00	$ 175.78	$ 351.56
69			3" / 2-1/2" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.963	$ 187.00	$ 180.01	$ 82.60	$ 262.61	$ 262.61
			HOT WATER PIPE (ABOVE GRADE)										
			PEX Pipe										
70			1/2" Dia Hot Water Pipe	LF	5412	10%	5954	0.019	$ 187.00	$ 3.58	$ 0.56	$ 4.14	$ 24,626.49
			Schedule 40 CPVC Pipe										
71			1/2" Dia Hot Water Pipe	LF	159	10%	175	0.094	$ 187.00	$ 17.64	$ 1.34	$ 18.98	$ 3,325.81
72			3/4" Dia Hot Water Pipe	LF	2955	10%	3250	0.100	$ 187.00	$ 18.72	$ 2.01	$ 20.73	$ 67,368.16
73			1" Dia Hot Water Pipe	LF	66	10%	73	0.111	$ 187.00	$ 20.74	$ 2.68	$ 23.42	$ 1,704.52
74			1-1/4" Dia Hot Water Pipe	LF	813	10%	894	0.121	$ 187.00	$ 22.65	$ 3.35	$ 26.00	$ 23,244.36
75			1-1/2" Dia Hot Water Pipe	LF	112	10%	123	0.142	$ 187.00	$ 26.47	$ 4.02	$ 30.49	$ 3,760.84
76			2" Dia Hot Water Pipe	LF	92	10%	101	0.173	$ 187.00	$ 32.31	$ 5.36	$ 37.67	$ 3,792.37
77			2-1/2" Dia Hot Water Pipe	LF	46	10%	51	0.182	$ 187.00	$ 34.09	$ 6.71	$ 40.80	$ 2,083.77
78			3" Dia Hot Water Pipe	LF	49	10%	54	0.193	$ 187.00	$ 36.00	$ 8.05	$ 44.05	$ 2,358.21
		Material Assumed	**3/4" Thick Fiberglass Insulation**										
79			1/2" Dia Hot Water Pipe	LF	5572	10%	6129	0.010	$ 187.00	$ 1.91	$ 0.98	$ 2.89	$ 17,696.37
80			3/4" Dia Hot Water Pipe	LF	2955	10%	3250	0.013	$ 187.00	$ 2.38	$ 1.10	$ 3.48	$ 11,324.25
81			1" Dia Hot Water Pipe	LF	66	10%	73	0.017	$ 187.00	$ 3.18	$ 1.21	$ 4.39	$ 319.37
		Material Assumed	**1" Thick Fiberglass Insulation**										
82			1-1/4" Dia Hot Water Pipe	LF	813	10%	894	0.021	$ 187.00	$ 3.97	$ 1.55	$ 5.52	$ 4,937.76
83			1-1/2" Dia Hot Water Pipe	LF	112	10%	123	0.026	$ 187.00	$ 4.77	$ 1.59	$ 6.36	$ 784.35
84			2" Dia Hot Water Pipe	LF	92	10%	101	0.027	$ 187.00	$ 5.09	$ 1.62	$ 6.71	$ 675.15
85			2-1/2" Dia Hot Water Pipe	LF	46	10%	51	0.030	$ 187.00	$ 5.56	$ 1.66	$ 7.22	$ 368.91
86			3" Dia Hot Water Pipe	LF	49	10%	54	0.032	$ 187.00	$ 6.04	$ 1.75	$ 7.79	$ 417.06
			HOT WATER PIPE FITTINGS										
			ELBOW										
87			1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	492	0%	492	0.168	$ 187.00	$ 31.47	$ 3.79	$ 35.26	$ 17,348.95
88			3/4" Dia Hot Water Pipe 90 Deg Elbow	EA	308	0%	308	0.196	$ 187.00	$ 36.72	$ 4.85	$ 41.57	$ 12,802.77
89			1" Dia Hot Water Pipe 90 Deg Elbow	EA	2	0%	2	0.224	$ 187.00	$ 41.96	$ 7.70	$ 49.66	$ 99.33
90			1-1/4" Dia Hot Water Pipe 90 Deg Elbow	EA	21	0%	21	0.252	$ 187.00	$ 47.21	$ 16.65	$ 63.86	$ 1,341.02
91			1-1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	11	0%	11	0.281	$ 187.00	$ 52.45	$ 18.85	$ 71.30	$ 784.34
92			3" Dia Hot Water Pipe 90 Deg Elbow	EA	2	0%	2	0.490	$ 187.00	$ 91.67	$ 58.50	$ 150.17	$ 300.35
			TEE										
93			1-1/4" Dia Hot Water Pipe Tee	EA	66	0%	66	0.378	$ 187.00	$ 70.69	$ 23.50	$ 94.19	$ 6,216.74
94			3" Dia Hot Water Pipe Tee	EA	3	0%	3	0.963	$ 187.00	$ 180.01	$ 77.12	$ 257.13	$ 771.39
95			3/4" / 1/2" Dia Hot Water Pipe Tee	EA	80	0%	80	0.295	$ 187.00	$ 55.08	$ 9.05	$ 64.13	$ 5,130.09
96			1" / 3/4" Dia Hot Water Pipe Tee	EA	5	0%	5	0.335	$ 187.00	$ 62.71	$ 10.10	$ 72.81	$ 364.03
97			1-1/4" / 1/2" Dia Hot Water Pipe Tee	EA	3	0%	3	0.378	$ 187.00	$ 70.69	$ 23.50	$ 94.19	$ 282.58
98			1-1/4" / 3/4" Dia Hot Water Pipe Tee	EA	21	0%	21	0.378	$ 187.00	$ 70.69	$ 24.00	$ 94.69	$ 1,988.55
99			1-1/4" / 1" Dia Hot Water Pipe Tee	EA	7	0%	7	0.378	$ 187.00	$ 70.69	$ 24.00	$ 94.69	$ 662.85
100			1-1/2" / 3/4" Dia Hot Water Pipe Tee	EA	1	0%	1	0.378	$ 187.00	$ 70.69	$ 25.00	$ 95.69	$ 95.69
101			1-1/2" / 1" Dia Hot Water Pipe Tee	EA	1	0%	1	0.378	$ 187.00	$ 70.69	$ 25.00	$ 95.69	$ 95.69
102			1-1/2" / 1-1/4" Dia Hot Water Pipe Tee	EA	3	0%	3	0.378	$ 187.00	$ 70.69	$ 28.00	$ 98.69	$ 296.08
103			2" / 1/2" Dia Hot Water Pipe Tee	EA	1	0%	1	0.510	$ 187.00	$ 95.37	$ 34.16	$ 129.53	$ 129.53
104			2" / 3/4" Dia Hot Water Pipe Tee	EA	1	0%	1	0.510	$ 187.00	$ 95.37	$ 33.15	$ 128.52	$ 128.52
105			2" / 1-1/4" Dia Hot Water Pipe Tee	EA	5	0%	5	0.510	$ 187.00	$ 95.37	$ 34.16	$ 129.53	$ 647.65
106			2-1/2" / 1-1/4" Dia Hot Water Pipe Tee	EA	4	0%	4	0.630	$ 187.00	$ 117.78	$ 58.00	$ 175.78	$ 703.13
107			3" / 1" Dia Hot Water Pipe Tee	EA	1	0%	1	0.808	$ 187.00	$ 151.00	$ 78.00	$ 229.00	$ 229.00
108			3" / 1-1/2" Dia Hot Water Pipe Tee	EA	6	0%	6	0.867	$ 187.00	$ 162.13	$ 79.00	$ 241.13	$ 1,446.77
109			3" / 2-1/2" Dia Hot Water Pipe Tee	EA	1	0%	1	0.963	$ 187.00	$ 180.01	$ 82.60	$ 262.61	$ 262.61
			REDUCER										
110			3/4" / 1/2" Dia Hot Water Pipe Reducer	EA	2	0%	2	0.295	$ 187.00	$ 55.08	$ 9.05	$ 64.13	$ 128.25
111			1" / 3/4" Dia Hot Water Pipe Reducer	EA	2	0%	2	0.335	$ 187.00	$ 62.71	$ 10.10	$ 72.81	$ 145.61

DETAILED BREAKDOWN OF ITEMS

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

NEDES
National Estimating, Drafting & Engineering Services
+1 (708) 381-0900

Date: **7-Oct-26**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
112			1-1/4" / 3/4" Dia Hot Water Pipe Reducer	EA	67	0%	67	0.378	$ 187.00	$ 70.69	$ 23.50	$ 94.19	$ 6,310.93
113			1-1/4" / 1" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.378	$ 187.00	$ 70.69	$ 24.00	$ 94.69	$ 94.69
114			1-1/2" / 3/4" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.378	$ 187.00	$ 70.69	$ 25.00	$ 95.69	$ 95.69
115			1-1/2" / 1-1/4" Dia Hot Water Pipe Reducer	EA	2	0%	2	0.378	$ 187.00	$ 70.69	$ 29.00	$ 99.69	$ 199.39
116			2" / 1-1/2" Dia Hot Water Pipe Reducer	EA	2	0%	2	0.510	$ 187.00	$ 95.37	$ 34.16	$ 129.53	$ 259.06
117			2-1/2" / 2" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.630	$ 187.00	$ 117.78	$ 58.00	$ 175.78	$ 175.78
118			3" / 2" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.963	$ 187.00	$ 180.01	$ 82.60	$ 262.61	$ 262.61
			HOT WATER RETURN PIPE (ABOVE GRADE)										
			Schedule 40 CPVC Pipe										
119			1/2" Dia Hot Water Return Pipe	LF	104	10%	115	0.094	$ 187.00	$ 17.64	$ 1.34	$ 18.98	$ 2,175.16
120			3/4" Dia Hot Water Return Pipe	LF	196	10%	216	0.100	$ 187.00	$ 18.72	$ 2.01	$ 20.73	$ 4,470.75
121			1" Dia Hot Water Return Pipe	LF	609	10%	670	0.111	$ 187.00	$ 20.74	$ 2.68	$ 23.42	$ 15,695.74
		Material Assumed	**1" Thick Fiberglass Insulation**										
122			1/2" Dia Hot Water Return Pipe	LF	104	10%	115	0.010	$ 187.00	$ 1.91	$ 0.98	$ 2.89	$ 330.83
123			3/4" Dia Hot Water Return Pipe	LF	196	10%	216	0.013	$ 187.00	$ 2.38	$ 1.10	$ 3.48	$ 751.51
124			1" Dia Hot Water Return Pipe	LF	609	10%	670	0.017	$ 187.00	$ 3.18	$ 1.21	$ 4.39	$ 2,940.82
			HOT WATER RETURN PIPE FITTINGS										
			ELBOW										
125			1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	6	0%	6	0.168	$ 187.00	$ 31.47	$ 3.79	$ 35.26	$ 211.57
126			3/4" Dia Hot Water Return Pipe 90 Deg Elbow	EA	11	0%	11	0.196	$ 187.00	$ 36.72	$ 4.85	$ 41.57	$ 457.24
127			1" Dia Hot Water Return Pipe 90 Deg Elbow	EA	28	0%	28	0.224	$ 187.00	$ 41.96	$ 7.70	$ 49.66	$ 1,390.56
128			1/2" Dia Hot Water Return Pipe 45 Deg Elbow	EA	3	0%	3	0.185	$ 187.00	$ 34.62	$ 4.64	$ 39.26	$ 117.78
			TEE										
129			1/2" Dia Hot Water Return Pipe Tee	EA	5	0%	5	0.252	$ 187.00	$ 47.21	$ 8.90	$ 56.11	$ 280.54
130			3/4" Dia Hot Water Return Pipe Tee	EA	2	0%	2	0.295	$ 187.00	$ 55.08	$ 9.05	$ 64.13	$ 128.25
131			1" Dia Hot Water Return Pipe Tee	EA	16	0%	16	0.335	$ 187.00	$ 62.71	$ 11.10	$ 73.81	$ 1,180.89
132			3/4" / 1/2" Dia Hot Water Return Pipe Tee	EA	3	0%	3	0.295	$ 187.00	$ 55.08	$ 9.05	$ 64.13	$ 192.38
133			1" / 3/4" Dia Hot Water Return Pipe Tee	EA	9	0%	9	0.335	$ 187.00	$ 62.71	$ 10.10	$ 72.81	$ 655.25
			REDUCER										
134			3/4" / 1/2" Dia Hot Water Return Pipe Reducer	EA	2	0%	2	0.295	$ 187.00	$ 55.08	$ 9.05	$ 64.13	$ 128.25
135			1" / 3/4" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	0.335	$ 187.00	$ 62.71	$ 10.10	$ 72.81	$ 72.81
			GREASE WASTE PIPE (BELOW GRADE)										
			Schedule 40 PVC Pipe With Fittings										
136			4" Dia Grease Waste Pipe	LF	3	10%	4	0.191	$ 187.00	$ 35.73	$ 7.15	$ 42.88	$ 158.01
			GREASE WASTE PIPE FITTINGS										
			ELBOW										
137			4" Dia Grease Waste Pipe 45 Deg Elbow	EA	3	0%	3	0.672	$ 187.00	$ 125.75	$ 22.50	$ 148.25	$ 444.74
			WASTE PIPE (BELOW GRADE)										
			Schedule 40 PVC Pipe With Fittings										
138			2" Dia Waste Pipe	LF	289	10%	318	0.155	$ 187.00	$ 29.08	$ 3.58	$ 32.65	$ 10,390.46
139			3" Dia Waste Pipe	LF	170	10%	187	0.173	$ 187.00	$ 32.40	$ 5.36	$ 37.77	$ 7,070.13
140			4" Dia Waste Pipe	LF	967	10%	1064	0.191	$ 187.00	$ 35.73	$ 7.15	$ 42.88	$ 45,631.25
141			6" Dia Waste Pipe	LF	61	10%	67	0.235	$ 187.00	$ 43.99	$ 10.73	$ 54.72	$ 3,667.93
			WASTE PIPE FITTINGS										
			ELBOW										
142			2" Dia Waste Pipe 90 Deg Elbow	EA	37	0%	37	0.281	$ 187.00	$ 52.45	$ 2.80	$ 55.25	$ 2,044.38
143			3" Dia Waste Pipe 90 Deg Elbow	EA	21	0%	21	0.446	$ 187.00	$ 83.33	$ 9.55	$ 92.88	$ 1,950.47
144			4" Dia Waste Pipe 90 Deg Elbow	EA	59	0%	59	0.560	$ 187.00	$ 104.79	$ 17.10	$ 121.89	$ 7,191.38
145			2" Dia Waste Pipe 45 Deg Elbow	EA	70	0%	70	0.337	$ 187.00	$ 62.94	$ 3.08	$ 66.02	$ 4,621.69
146			3" Dia Waste Pipe 45 Deg Elbow	EA	14	0%	14	0.535	$ 187.00	$ 100.00	$ 12.20	$ 112.20	$ 1,570.74
147			4" Dia Waste Pipe 45 Deg Elbow	EA	83	0%	83	0.672	$ 187.00	$ 125.75	$ 22.50	$ 148.25	$ 12,304.36
148			6" Dia Waste Pipe 45 Deg Elbow	EA	4	0%	4	1.102	$ 187.00	$ 206.14	$ 82.50	$ 288.64	$ 1,154.57
			WYE										
149			2" Dia Waste Pipe Wye	EA	14	0%	14	0.421	$ 187.00	$ 78.80	$ 4.16	$ 82.96	$ 1,161.40
150			4" Dia Waste Pipe Wye	EA	65	0%	65	0.843	$ 187.00	$ 157.60	$ 30.38	$ 187.97	$ 12,218.31
151			6" Dia Waste Pipe Wye	EA	4	0%	4	1.378	$ 187.00	$ 257.74	$ 111.38	$ 369.11	$ 1,476.45
152			3" / 2" Dia Waste Pipe Wye	EA	2	0%	2	0.671	$ 187.00	$ 125.53	$ 16.47	$ 142.00	$ 284.00
153			4" / 2" Dia Waste Pipe Wye	EA	8	0%	8	0.843	$ 187.00	$ 157.60	$ 30.38	$ 187.97	$ 1,503.79
154			4" / 3" Dia Waste Pipe Wye	EA	19	0%	19	0.843	$ 187.00	$ 157.60	$ 29.10	$ 186.70	$ 3,547.28
155			6" / 3" Dia Waste Pipe Wye	EA	2	0%	2	1.378	$ 187.00	$ 257.74	$ 102.10	$ 359.84	$ 719.67
156			6" / 4" Dia Waste Pipe Wye	EA	8	0%	8	1.378	$ 187.00	$ 257.74	$ 111.38	$ 369.11	$ 2,952.90
			REDUCER										
157			4" / 2" Dia Waste Pipe Reducer	EA	14	0%	14	0.510	$ 187.00	$ 95.37	$ 10.35	$ 105.72	$ 1,480.08
158			4" / 3" Dia Waste Pipe Reducer	EA	1	0%	1	0.510	$ 187.00	$ 95.37	$ 11.25	$ 106.62	$ 106.62
159			6" / 4" Dia Waste Pipe Reducer	EA	2	0%	2	0.836	$ 187.00	$ 156.29	$ 26.10	$ 182.39	$ 364.78
			WASTE PIPE (ABOVE GRADE)										
			Cast Iron Pipe With Fittings										
160			1-1/2" Dia Waste Pipe	LF	30	10%	33	0.143	$ 187.00	$ 26.82	$ 10.75	$ 37.57	$ 1,257.67
161			2" Dia Waste Pipe	LF	975	10%	1072	0.152	$ 187.00	$ 28.49	$ 11.25	$ 39.74	$ 42,610.39
162			3" Dia Waste Pipe	LF	56	10%	61	0.159	$ 187.00	$ 29.80	$ 20.00	$ 49.80	$ 3,060.75
163			4" Dia Waste Pipe	LF	2390	0%	2390	0.176	$ 187.00	$ 32.90	$ 26.00	$ 58.90	$ 140,773.80
			WASTE PIPE FITTINGS										
			ELBOW										
164			2" Dia Waste Pipe 90 Deg Elbow	EA	3	0%	3	0.638	$ 187.00	$ 119.21	$ 65.00	$ 184.21	$ 552.64
165			3" Dia Waste Pipe 90 Deg Elbow	EA	2	0%	2	0.729	$ 187.00	$ 136.26	$ 92.00	$ 228.26	$ 456.52
166			4" Dia Waste Pipe 90 Deg Elbow	EA	8	0%	8	0.785	$ 187.00	$ 146.75	$ 136.00	$ 282.75	$ 2,262.00
167			1-1/2" Dia Waste Pipe 45 Deg Elbow	EA	18	0%	18	0.782	$ 187.00	$ 146.23	$ 58.00	$ 204.23	$ 3,676.21
168			2" Dia Waste Pipe 45 Deg Elbow	EA	426	0%	426	0.956	$ 187.00	$ 178.82	$ 72.00	$ 250.82	$ 106,848.79
169			3" Dia Waste Pipe 45 Deg Elbow	EA	5	0%	5	1.093	$ 187.00	$ 204.39	$ 98.00	$ 302.39	$ 1,511.95
170			4" Dia Waste Pipe 45 Deg Elbow	EA	273	0%	273	1.177	$ 187.00	$ 220.13	$ 154.00	$ 374.13	$ 102,136.37
			WYE										
171			2" Dia Waste Pipe Wye	EA	95	0%	95	1.020	$ 187.00	$ 190.74	$ 59.00	$ 249.74	$ 23,725.30
172			4" Dia Waste Pipe Wye	EA	78	0%	78	1.275	$ 187.00	$ 238.43	$ 118.00	$ 356.43	$ 27,801.15
173			2" / 1-1/2" Dia Waste Pipe Wye	EA	18	0%	18	1.020	$ 187.00	$ 190.74	$ 59.00	$ 249.74	$ 4,495.32
174			3" / 2" Dia Waste Pipe Wye	EA	1	0%	1	1.133	$ 187.00	$ 211.96	$ 96.50	$ 308.46	$ 308.46
175			4" / 2" Dia Waste Pipe Wye	EA	1	0%	1	1.275	$ 187.00	$ 238.43	$ 105.00	$ 343.43	$ 343.43
176			4" / 3" Dia Waste Pipe Wye	EA	3	0%	3	1.275	$ 187.00	$ 238.43	$ 110.00	$ 348.43	$ 1,045.28
			VENT PIPE (ABOVE GRADE)										
			Schedule 40 PVC Pipe With Fittings										
177			2" Dia Vent Pipe	LF	1379	10%	1517	0.155	$ 187.00	$ 29.08	$ 3.58	$ 32.65	$ 49,543.72
178			3" Dia Vent Pipe	LF	679	10%	747	0.173	$ 187.00	$ 32.40	$ 5.36	$ 37.77	$ 28,212.38
			VENT PIPE FITTINGS										
			ELBOW										
179			2" Dia Vent Pipe 90 Deg Elbow	EA	272	0%	272	0.281	$ 187.00	$ 52.45	$ 2.80	$ 55.25	$ 15,028.95
180			3" Dia Vent Pipe 90 Deg Elbow	EA	47	0%	47	0.446	$ 187.00	$ 83.33	$ 9.55	$ 92.88	$ 4,365.34
			TEE										
181			2" Dia Vent Pipe Tee	EA	16	0%	16	0.421	$ 187.00	$ 78.80	$ 4.16	$ 82.96	$ 1,327.32
			REDUCER										
182			3" / 2" Dia Vent Pipe Reducer	EA	47	0%	47	0.671	$ 187.00	$ 125.53	$ 16.47	$ 142.00	$ 6,674.04
			STORM DRAIN PIPE (BELOW GRADE)										
			Cast Iron Pipe With Fittings										
183			2" Dia Storm Drain Pipe	LF	4	10%	4	0.152	$ 187.00	$ 28.49	$ 11.25	$ 39.74	$ 156.07
184			4" Dia Storm Drain Pipe	LF	95	10%	104	0.176	$ 187.00	$ 32.90	$ 26.00	$ 58.90	$ 6,146.90
185			6" Dia Storm Drain Pipe	LF	31	10%	34	0.194	$ 187.00	$ 36.24	$ 40.50	$ 76.74	$ 2,632.89
			STORM DRAIN PIPE FITTINGS										
			ELBOW										
186			2" Dia Storm Drain Pipe 90 Deg Elbow	EA	1	0%	1	0.638	$ 187.00	$ 119.21	$ 65.00	$ 184.21	$ 184.21
187			4" Dia Storm Drain Pipe 90 Deg Elbow	EA	9	0%	9	0.785	$ 187.00	$ 146.75	$ 136.00	$ 282.75	$ 2,544.76
188			2" Dia Storm Drain Pipe 45 Deg Elbow	EA	1	0%	1	0.956	$ 187.00	$ 178.82	$ 72.00	$ 250.82	$ 250.82
189			4" Dia Storm Drain Pipe 45 Deg Elbow	EA	3	0%	3	1.177	$ 187.00	$ 220.13	$ 154.00	$ 374.13	$ 1,122.38
			WYE										
190			4" Dia Storm Drain Pipe Wye	EA	1	0%	1	1.275	$ 187.00	$ 238.43	$ 118.00	$ 356.43	$ 356.43
191			6" / 2" Dia Storm Drain Pipe Wye	EA	1	0%	1	1.275	$ 187.00	$ 238.43	$ 266.00	$ 504.43	$ 504.43
			REDUCER										
192			6" / 4" Dia Storm Drain Pipe Reducer	EA	1	0%	1	1.275	$ 187.00	$ 238.43	$ 242.00	$ 480.43	$ 480.43
			STORM DRAIN PIPE (ABOVE GRADE)										
			Cast Iron Pipe With Fittings										
193			2" Dia Storm Drain Pipe	LF	71	10%	78	0.152	$ 187.00	$ 28.49	$ 11.25	$ 39.74	$ 3,117.39
194			4" Dia Storm Drain Pipe	LF	482	10%	530	0.176	$ 187.00	$ 32.90	$ 26.00	$ 58.90	$ 31,206.86
			STORM DRAIN PIPE FITTINGS										
			ELBOW										
195			2" Dia Storm Drain Pipe 90 Deg Elbow	EA	2	0%	2	0.638	$ 187.00	$ 119.21	$ 65.00	$ 184.21	$ 368.43
196			4" Dia Storm Drain Pipe 90 Deg Elbow	EA	17	0%	17	0.785	$ 187.00	$ 146.75	$ 136.00	$ 282.75	$ 4,806.76
197			2" Dia Storm Drain Pipe 45 Deg Elbow	EA	9	0%	9	0.956	$ 187.00	$ 178.82	$ 72.00	$ 250.82	$ 2,257.37
198			4" Dia Storm Drain Pipe 45 Deg Elbow	EA	1	0%	1	1.177	$ 187.00	$ 220.13	$ 154.00	$ 374.13	$ 374.13
			WYE										
199			4" Dia Storm Drain Pipe Wye	EA	1	0%	1	1.275	$ 187.00	$ 238.43	$ 118.00	$ 356.43	$ 356.43
200			4" / 2" Dia Storm Drain Pipe Wye	EA	2	0%	2	1.275	$ 187.00	$ 238.43	$ 102.00	$ 340.43	$ 680.85
			OVERFLOW DRAIN PIPE (BELOW GRADE)										
			Cast Iron Pipe With Fittings										
201	P2.0, P2.1, P2.2, P2.3, P2.4, P3.0A, P3.0B, P3.1A, P3.1B, P3.2A, P3.2B, P3.3A, P3.3B, P3.4, P5.0, P5.1 P7.0, 7.1 & P7.2		4" Dia Overflow Storm Drain Pipe	LF	14	10%	15	0.176	$ 187.00	$ 32.90	$ 26.00	$ 58.90	$ 907.10
			OVERFLOW DRAIN PIPE FITTINGS										
			ELBOW										
202			4" Dia Overflow Storm Drain Pipe 90 Deg Elbow	EA	2	0%	2	0.785	$ 187.00	$ 146.75	$ 136.00	$ 282.75	$ 565.50
203			4" Dia Overflow Storm Drain Pipe 45 Deg Elbow	EA	1	0%	1	1.177	$ 187.00	$ 220.13	$ 154.00	$ 374.13	$ 374.13
			OVERFLOW DRAIN PIPE (ABOVE GRADE)										
			Cast Iron Pipe With Fittings										
204			4" Dia Overflow Storm Drain Pipe	LF	440	10%	484	0.176	$ 187.00	$ 32.90	$ 26.00	$ 58.90	$ 28,506.94
			OVERFLOW DRAIN PIPE FITTINGS										
			ELBOW										
205			4" Dia Overflow Storm Drain Pipe 90 Deg Elbow	EA	23	0%	23	0.785	$ 187.00	$ 146.75	$ 136.00	$ 282.75	$ 6,503.26
206			4" Dia Overflow Storm Drain Pipe 45 Deg Elbow	EA	3	0%	3	1.177	$ 187.00	$ 220.13	$ 154.00	$ 374.13	$ 1,122.38
			WYE										
207			4" Dia Overflow Storm Drain Pipe Wye	EA	1	0%	1	1.275	$ 187.00	$ 238.43	$ 118.00	$ 356.43	$ 356.43
			CONDENSATE DRAIN PIPE (BELOW GRADE)										
			Schedule 40 PVC Pipe With Fittings										

DETAILED BREAKDOWN OF ITEMS

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

NEDES
National Estimating, Drafting & Engineering Services
+1 (708) 381-0900

Date: **7-Oct-26**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
208			2" Dia Condensate Drain Pipe	LF	72	10%	80	0.152	$ 187.00	$ 28.49	$ 11.25	$ 39.74	$ 3,160.23
			CONDENSATE DRAIN PIPE FITTINGS										
			ELBOW										
209			2" Dia Condensate Drain Pipe 90 Deg Elbow	EA	8	0%	8	0.638	$ 187.00	$ 119.21	$ 65.00	$ 184.21	$ 1,473.70
210			2" Dia Condensate Drain Pipe 45 Deg Elbow	EA	18	0%	18	0.956	$ 187.00	$ 178.82	$ 72.00	$ 250.82	$ 4,514.74
			CONDENSATE DRAIN PIPE (ABOVE GRADE)										
			Cast Iron Pipe With Fittings										
211			3/4" Dia Condensate Drain Pipe	LF	85	10%	94	0.087	$ 187.00	$ 16.21	$ 7.60	$ 23.81	$ 2,227.55
212			1" Dia Condensate Drain Pipe	LF	8	10%	9	0.119	$ 187.00	$ 22.25	$ 8.25	$ 30.50	$ 278.16
213			2" Dia Condensate Drain Pipe	LF	747	10%	821	0.152	$ 187.00	$ 28.49	$ 11.25	$ 39.74	$ 32,647.08
			CONDENSATE DRAIN PIPE FITTINGS										
			ELBOW										
214			3/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	4	0%	4	0.383	$ 187.00	$ 71.53	$ 21.50	$ 93.03	$ 372.11
215			2" Dia Condensate Drain Pipe 90 Deg Elbow	EA	1	0%	1	0.638	$ 187.00	$ 119.21	$ 65.00	$ 184.21	$ 184.21
216			3/4" Dia Condensate Drain Pipe 45 Deg Elbow	EA	11	0%	11	0.349	$ 187.00	$ 65.17	$ 25.00	$ 90.17	$ 991.86
217			2" Dia Condensate Drain Pipe 45 Deg Elbow	EA	10	0%	10	0.956	$ 187.00	$ 178.82	$ 72.00	$ 250.82	$ 2,508.19
			TEE										
218			3/4" Dia Condensate Drain Pipe Tee	EA	1	0%	1	0.434	$ 187.00	$ 81.06	$ 28.00	$ 109.06	$ 109.06
219			2" Dia Condensate Drain Pipe Tee	EA	10	0%	10	0.697	$ 187.00	$ 130.34	$ 59.00	$ 189.34	$ 1,893.39
220			2" / 3/4" Dia Condensate Drain Pipe Tee	EA	1	0%	1	0.680	$ 187.00	$ 127.16	$ 54.10	$ 181.26	$ 181.26
			REDUCER										
221			1" / 3/4" Dia Condensate Drain Pipe Reducer	EA	1	0%	1	0.468	$ 187.00	$ 87.42	$ 31.20	$ 118.62	$ 118.62
			GAS PIPE (BELOW GRADE)										
		Assumed	**Schedule 40 Black Steel Pipe**										
222			3/4" Dia Gas Pipe	LF	20	10%	22	0.102	$ 187.00	$ 19.07	$ 7.50	$ 26.57	$ 588.72
			GAS PIPE FITTINGS										
			ELBOW										
223			3/4" Dia Gas Pipe 90 Deg Elbow	EA	3	0%	3	0.364	$ 187.00	$ 68.07	$ 35.00	$ 103.07	$ 309.21
			GAS PIPE (ABOVE GRADE)										
		Assumed	**Schedule 40 Black Steel Pipe**										
224			1/2" Dia Gas Pipe	LF	18	10%	20	0.081	$ 187.00	$ 15.14	$ 6.95	$ 22.09	$ 441.03
225			3/4" Dia Gas Pipe	LF	61	10%	67	0.102	$ 187.00	$ 19.07	$ 7.50	$ 26.57	$ 1,786.04
226			1-1/4" Dia Gas Pipe	LF	49	10%	54	0.121	$ 187.00	$ 22.65	$ 9.20	$ 31.85	$ 1,723.04
227			1-1/2" Dia Gas Pipe	LF	66	10%	73	0.135	$ 187.00	$ 25.15	$ 13.10	$ 38.25	$ 2,773.44
228			2" Dia Gas Pipe	LF	91	10%	100	0.167	$ 187.00	$ 31.23	$ 17.35	$ 48.58	$ 4,863.76
229			2-1/2" Dia Gas Pipe	LF	27	10%	30	0.217	$ 187.00	$ 40.53	$ 25.00	$ 65.53	$ 1,979.47
230			3" Dia Gas Pipe	LF	12	10%	13	0.237	$ 187.00	$ 44.35	$ 31.00	$ 75.35	$ 953.97
			GAS PIPE FITTINGS										
			ELBOW										
231			1/2" Dia Gas Pipe 90 Deg Elbow	EA	3	0%	3	0.340	$ 187.00	$ 63.54	$ 34.50	$ 98.04	$ 294.12
232			3/4" Dia Gas Pipe 90 Deg Elbow	EA	2	0%	2	0.364	$ 187.00	$ 68.07	$ 35.00	$ 103.07	$ 206.14
233			1-1/4" Dia Gas Pipe 90 Deg Elbow	EA	9	0%	9	0.463	$ 187.00	$ 86.67	$ 47.50	$ 134.17	$ 1,207.51
234			1-1/2" Dia Gas Pipe 90 Deg Elbow	EA	1	0%	1	0.510	$ 187.00	$ 95.37	$ 75.50	$ 170.87	$ 170.87
235			2" Dia Gas Pipe 90 Deg Elbow	EA	1	0%	1	0.567	$ 187.00	$ 105.97	$ 96.50	$ 202.47	$ 202.47
236			3" Dia Gas Pipe 90 Deg Elbow	EA	2	0%	2	1.020	$ 187.00	$ 190.74	$ 300.00	$ 490.74	$ 981.48
			TEE										
237			2-1/2" Dia Gas Pipe Tee	EA	1	0%	1	1.133	$ 187.00	$ 211.96	$ 245.00	$ 456.96	$ 456.96
238			3/4" / 1/2" Dia Gas Pipe Tee	EA	1	0%	1	0.567	$ 187.00	$ 105.98	$ 46.50	$ 152.48	$ 152.48
239			1-1/2" / 1-1/4" Dia Gas Pipe Tee	EA	1	0%	1	0.785	$ 187.00	$ 146.75	$ 95.50	$ 242.25	$ 242.25
240			2" / 3/4" Dia Gas Pipe Tee	EA	2	0%	2	0.786	$ 187.00	$ 147.03	$ 115.00	$ 262.03	$ 524.06
241			2" / 1-1/2" Dia Gas Pipe Tee	EA	1	0%	1	0.808	$ 187.00	$ 151.00	$ 102.00	$ 253.00	$ 253.00
242			2-1/2" / 1-1/4" Dia Gas Pipe Tee	EA	5	0%	5	1.133	$ 187.00	$ 211.96	$ 162.20	$ 374.16	$ 1,870.80
243			3" / 2-1/2" Dia Gas Pipe Tee	EA	1	0%	1	1.403	$ 187.00	$ 262.27	$ 325.00	$ 587.27	$ 587.27
			REDUCER										
244			3/4" / 1/2" Dia Gas Pipe Reducer	EA	1	0%	1	0.364	$ 187.00	$ 68.07	$ 32.00	$ 100.07	$ 100.07
245			1-1/2" / 1-1/4" Dia Gas Pipe Reducer	EA	1	0%	1	0.510	$ 187.00	$ 95.37	$ 75.50	$ 170.87	$ 170.87
246			2" / 1-1/2" Dia Gas Pipe Reducer	EA	1	0%	1	0.567	$ 187.00	$ 105.97	$ 96.50	$ 202.47	$ 202.47
247			3" / 2" Dia Gas Pipe Reducer	EA	1	0%	1	1.020	$ 187.00	$ 190.74	$ 265.30	$ 456.04	$ 456.04
			PLUMBING FIXTURES				1						
248			Supply With Bath/ Shower Trim & Valve American Standard Serin Series	EA	12	0%	12	4.141	$ 187.00	$ 774.40	$ 1,323.57	$ 2,097.97	$ 25,175.69
249			TUB-02: Bathtub (ADA Guest Room), AMERICAN STANDARD 2391.202.020 (	EA	4	0%	4	5.100	$ 187.00	$ 953.70	$ 2,342.93	$ 3,296.63	$ 13,186.52
250			SHR-01: Shower (Typical Guest Room), BELSTONE BMP-3648L-CD810 or BM	EA	71	0%	71	4.675	$ 187.00	$ 874.23	$ 961.04	$ 1,835.27	$ 130,303.82
251			SHR-02: Shower (Accessible Roll-In Shower), MINCEY MARBLE, SP-3162-C/S	EA	2	0%	2	5.483	$ 187.00	$ 1,025.23	$ 2,483.99	$ 3,509.22	$ 7,018.44
252			Size: 19"x21-1/2"x6"	EA	83	0%	83	2.176	$ 187.00	$ 406.91	$ 363.35	$ 770.26	$ 63,931.75
253			Size: 19"x21-1/2"x6"	EA	6	0%	6	2.176	$ 187.00	$ 406.91	$ 363.35	$ 770.26	$ 4,621.57
254			SNK-03: Lavatory (Employee Rest Room), AMERICAM STANDARD, 0355.012	EA	1	0%	1	2.550	$ 187.00	$ 476.85	$ 714.36	$ 1,191.21	$ 1,191.21
255			SNK-04: Lavatory (Restroom), AMERICAN STANDARD, 0495.221.020, Size: 1	EA	2	0%	2	2.550	$ 187.00	$ 476.85	$ 699.93	$ 1,176.78	$ 2,353.56
256			SNK-05: Sink (Employee Breakroom), ELKAY, LR1720, Size: 14"x14"x7-1/2"Su	EA	1	0%	1	1.734	$ 187.00	$ 324.26	$ 372.72	$ 696.98	$ 696.98
257			SVS-01: Service Sink (Laundry), AMERICAN STANDARD, 7692.008.020, Size:	EA	1	0%	1	2.662	$ 187.00	$ 497.83	$ 678.04	$ 1,175.87	$ 1,175.87
258			SVS-02: Mop Sink (Laundry), E.L. MUSTEE & SONS 62M, Size: 24"Wx24"Dx8	EA	1	0%	1	3.590	$ 187.00	$ 671.40	$ 700.65	$ 1,372.05	$ 1,372.05
259			WCL-01: Water Closet (Typical Water Closet), AMERICAN STANDARD, 215C.	EA	83	0%	83	3.281	$ 187.00	$ 613.55	$ 692.47	$ 1,306.02	$ 108,399.41
260			WCL-02: Water Closet (ADA Guest Room), AMERICAN STANDARD, 215CA.1	EA	6	0%	6	3.400	$ 187.00	$ 635.80	$ 745.83	$ 1,381.63	$ 8,289.78
261			WCL-03: Water Closet (Employee Restroom) (ADA Restroom), AMERICAN ST.	EA	1	0%	1	3.783	$ 187.00	$ 707.33	$ 1,285.64	$ 1,992.97	$ 1,992.97
262			WCL-04: Water Closet (Restroom) (ADA Restroom), AMERICAN STANDARD,	EA	2	0%	2	3.655	$ 187.00	$ 683.49	$ 1,248.27	$ 1,931.76	$ 3,863.51
263			EWS-1: Eye Wash, HAWS CORP. 7260BT-7270BTEye Wash Station Wall Mour	EA	1	0%	1	2.168	$ 187.00	$ 405.32	$ 612.48	$ 1,017.80	$ 1,017.80
264			WCR-1: Hydration Station (Fitness Room), HAWS 2000S, Size: 3-15/1"Dx15"Wx	EA	1	0%	1	2.338	$ 187.00	$ 437.11	$ 1,845.92	$ 2,283.03	$ 2,283.03
265			WB-1: Washer Box, SIOUX CHIEF, 696-231MFSioux Chief 696-231Mf Flush M	EA	2	0%	2	1.020	$ 187.00	$ 190.74	$ 268.36	$ 459.10	$ 918.20
266			Washer Box **(Tag not given)**	EA	2	0%	2	0.935	$ 187.00	$ 174.85	$ 245.19	$ 420.04	$ 840.07
267			3/4" Dia HB-1: Hose Bibb, WOODFORDHose Bibb With Vacuum Breaker, Wood	EA	8	0%	8	0.723	$ 187.00	$ 135.11	$ 189.74	$ 324.85	$ 2,598.78
			FOOD SERVICE EQUIPMENT										
268			EQF-033: Spray Rinse	EA	1	0%	1	1.063	$ 187.00	$ 198.69	$ 385.64	$ 584.33	$ 584.33
269			EQF-038: Dishwasher - Undercounter	EA	1	0%	1	3.910	$ 187.00	$ 731.17	$ 6,420.88	$ 7,152.05	$ 7,152.05
270			EQF-043: Pot Sink/ 3-Compartment Sink	EA	1	0%	1	3.188	$ 187.00	$ 596.06	$ 1,850.47	$ 2,446.53	$ 2,446.53
271			EQF-061: Table Vegetable Prep	EA	1	0%	1	2.380	$ 187.00	$ 445.06	$ 780.33	$ 1,225.39	$ 1,225.39
272			EQF-126: Hand Lavatory	EA	1	0%	1	2.040	$ 187.00	$ 381.48	$ 520.19	$ 901.67	$ 901.67
			WATER HEATER										
273			235@100 F Rise, Natural Gas Input (BTUH): 199.9 Remarks	EA	1	0%	1	10.625	$ 187.00	$ 1,986.88	$ 10,804.00	$ 12,790.88	$ 12,790.88
274			WH-2: Gas Fired Water Heater, A.O. SMITH, BTH-199(A), Type: High Efficient	EA	1	0%	1	10.625	$ 187.00	$ 1,986.88	$ 10,804.00	$ 12,790.88	$ 12,790.88
275			WH-3: Gas Fired Water Heater, A.O. SMITH, BTH-199(A), Type: High Efficient	EA	1	0%	1	10.625	$ 187.00	$ 1,986.88	$ 10,804.00	$ 12,790.88	$ 12,790.88
276			WH-4: Gas Fired Water Heater, A.O. SMITH, BTH-199(A), Type: High Efficient	EA	1	0%	1	10.625	$ 187.00	$ 1,986.88	$ 10,804.00	$ 12,790.88	$ 12,790.88
277			WH-5: Gas Fired Water Heater, A.O. SMITH, BTH-199(A), Type: High Efficient	EA	1	0%	1	10.625	$ 187.00	$ 1,986.88	$ 10,804.00	$ 12,790.88	$ 12,790.88
			WATER HEATER DETAIL										
278			1-1/2" Dia Plug Cock	EA	6	0%	6	0.723	$ 187.00	$ 135.11	$ 142.36	$ 277.47	$ 1,664.81
279			1-1/2" Dia Union	EA	11	0%	11	0.553	$ 187.00	$ 103.32	$ 118.94	$ 222.26	$ 2,444.83
280			1-1/2" Dia Vacuum Relief Valve, WATTS #N36	EA	5	0%	5	1.148	$ 187.00	$ 214.58	$ 489.72	$ 704.30	$ 3,521.51
281			1-1/4" Dia Gas Cock	EA	5	0%	5	0.765	$ 187.00	$ 143.06	$ 196.48	$ 339.54	$ 1,697.68
282			3" Dia Check Valve	EA	3	0%	3	2.040	$ 187.00	$ 381.48	$ 864.27	$ 1,245.75	$ 3,737.25
283			3" Dia Mixing Valve, ARMSTRONG INTERNATIONAL #DRV50R	EA	1	0%	1	3.188	$ 187.00	$ 596.06	$ 2,150.83	$ 2,746.89	$ 2,746.89
284			3" Dia Plug Cock	EA	3	0%	3	0.935	$ 187.00	$ 174.85	$ 312.55	$ 487.40	$ 1,462.19
285			3" Dia Vacuum Relief Valve, WATTS #N36	EA	1	0%	1	1.233	$ 187.00	$ 230.48	$ 512.46	$ 742.94	$ 742.94
286			3/4" Dia Drain Valve	EA	5	0%	5	0.468	$ 187.00	$ 87.42	$ 98.74	$ 186.16	$ 930.81
287			3/4" Dia Plug Cock	EA	1	0%	1	0.383	$ 187.00	$ 71.53	$ 76.39	$ 147.92	$ 147.92
288			3/4" Dia Temperature & Relief Valve	EA	5	0%	5	1.063	$ 187.00	$ 198.69	$ 274.18	$ 472.87	$ 2,364.34
289			3/4" Dia Union	EA	5	0%	5	0.340	$ 187.00	$ 63.58	$ 64.92	$ 128.50	$ 642.50
290			Pressure Gauge	EA	1	0%	1	0.510	$ 187.00	$ 95.37	$ 138.57	$ 233.94	$ 233.94
291			Thermal Expansion Tank, 50 Gallon	EA	1	0%	1	2.423	$ 187.00	$ 453.01	$ 985.63	$ 1,438.64	$ 1,438.64
292			Thermometer, WEIS #9VS12 VARI-ANGLE	EA	7	0%	7	0.425	$ 187.00	$ 79.48	$ 156.44	$ 235.92	$ 1,651.41
			PUMP										
293			CP-1: Circulating Pump, AMSTRONG H53, GPM: 7.75, Head (FT): 28, Motor: H	EA	1	0%	1	2.763	$ 187.00	$ 516.59	$ 2,055.4	$ 2,571.96	$ 2,571.96
294			CP-2: Circulating Pump, AMSTRONG H32, GPM: 1.5, Head (FT): 12, Motor: HP	EA	1	0%	1	1.785	$ 187.00	$ 333.80	$ 1,010.4	$ 1,344.16	$ 1,344.16
295			CP-3: Circulating Pump, AMSTRONG H53, GPM: 4.0, Head (FT): 29, Motor: HP	EA	1	0%	1	2.635	$ 187.00	$ 492.75	$ 1,961.7	$ 2,454.46	$ 2,454.46
296			CP-4: Circulating Pump, AMSTRONG H53, GPM: 2.5, Head (FT): 29, Motor: HP	EA	1	0%	1	2.593	$ 187.00	$ 484.80	$ 1,921.5	$ 2,406.34	$ 2,406.34
			PUMP DETAIL										
297			1" Dia Automatic Air Release Valve	EA	8	0%	8	0.935	$ 187.00	$ 174.85	$ 268.41	$ 443.26	$ 3,546.04
298			1" Dia Check Valve	EA	4	0%	4	1.148	$ 187.00	$ 214.58	$ 315.76	$ 530.34	$ 2,121.37
299			1" Dia Gate Valve	EA	12	0%	12	0.978	$ 187.00	$ 182.79	$ 244.38	$ 427.17	$ 5,126.07
300			1" Dia Isolation Valve	EA	8	0%	8	0.893	$ 187.00	$ 166.90	$ 221.64	$ 388.54	$ 3,108.30
301			1" Dia Union	EA	8	0%	8	0.383	$ 187.00	$ 71.53	$ 84.92	$ 156.45	$ 1,251.58
302			1/4" Dia Shutoff Cock	EA	8	0%	8	0.298	$ 187.00	$ 55.63	$ 62.37	$ 118.00	$ 944.02
303			3/4" Dia Y Valve (Hose Bibb)	EA	4	0%	4	0.595	$ 187.00	$ 111.27	$ 129.58	$ 240.85	$ 963.38
304			2" Dial Compound Gauge 0-30" HG Vacuum 0-60 Pressure	EA	4	0%	4	0.510	$ 187.00	$ 95.37	$ 178.46	$ 273.83	$ 1,095.32
305			2" Dial 0-60 PSI Discharge Gauge	EA	4	0%	4	0.468	$ 187.00	$ 87.42	$ 146.33	$ 233.75	$ 935.01
			MISCELLANEOUS										
306			3" Dia VTR: Vent Through Roof	EA	14	0%	14	1.573	$ 187.00	$ 294.06	$ 385.74	$ 679.80	$ 9,517.17
307			2" Dia Downspout Drain	EA	6	0%	6	0.935	$ 187.00	$ 174.85	$ 214.36	$ 389.21	$ 2,335.23
308			Splash Block, 2" Dia Connection Size	EA	6	0%	6	0.468	$ 187.00	$ 87.42	$ 96.48	$ 183.90	$ 1,103.42
309			4" Dia Downspout Nozzle, JOSAM #25010	EA	8	0%	8	1.360	$ 187.00	$ 254.32	$ 462.19	$ 716.51	$ 5,732.08
310			GB-2: Hydromechanical Grease Interceptor, 35 GPM	EA	1	0%	1	5.738	$ 187.00	$ 1,072.91	$ 3,895.67	$ 4,968.58	$ 4,968.58
311			3/4" Dia Water Hammer Arrestor	EA	9	0%	9	0.680	$ 187.00	$ 127.16	$ 142.33	$ 269.49	$ 2,425.41
312			1-1/4" Dia Water Hammer Arrestor	EA	4	0%	4	0.808	$ 187.00	$ 151.00	$ 198.46	$ 349.46	$ 1,397.85
313			1-1/2" Dia Water Hammer Arrestor	EA	4	0%	4	0.893	$ 187.00	$ 166.90	$ 221.79	$ 388.69	$ 1,554.75
314			1/2" Dia Backflow Preventor	EA	7	0%	7	2.933	$ 187.00	$ 548.38	$ 725.36	$ 1,273.74	$ 8,916.16
315			3/4" Dia Backflow Preventor	EA	8	0%	8	3.400	$ 187.00	$ 635.80	$ 1,255.60	$ 1,891.40	$ 15,131.20

DETAILED BREAKDOWN OF ITEMS

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

NEDES
National Estimating, Drafting & Engineering Services
+1 (708) 381-0900

Date: **7-Oct-26**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
316			WF-1: Water Filtration System, POINT OF USE (POU), TC-POU-5-KIT, Tripple	EA	6	0%	6	3.273	$ 187.00	$ 611.96	$ 1,649.85	$ 2,261.81	$ 13,570.85
317			12"x12" Access Box	EA	8	0%	8	0.638	$ 187.00	$ 119.21	$ 148.27	$ 267.48	$ 2,139.86
318			18"x18" Access Panel	EA	3	0%	3	0.808	$ 187.00	$ 151.00	$ 192.84	$ 343.84	$ 1,031.53
319			3/4" Dia Pipe Cap	EA	89	0%	89	0.213	$ 187.00	$ 39.74	$ 36.58	$ 76.32	$ 6,792.26
320			1" Dia Pipe Cap	EA	89	0%	89	0.255	$ 187.00	$ 47.69	$ 42.19	$ 89.88	$ 7,998.88
321			PEX Manifold, 1/2" Dia (3) Cold Water Outlet & 1/2" Dia (2) Hot Water Outlet	EA	89	0%	89	1.615	$ 187.00	$ 302.01	$ 412.76	$ 714.77	$ 63,614.09
			CLEANOUTS & DRAINS										
322			2" Dia Wall Cleanout	EA	14	0%	14	0.723	$ 187.00	$ 135.11	$ 142.58	$ 277.69	$ 3,887.63
323			3" Dia WCO: Wall Cleanout	EA	1	0%	1	0.893	$ 187.00	$ 166.90	$ 186.74	$ 353.64	$ 353.64
324			4" Dia WCO: Wall Cleanout	EA	13	0%	13	1.020	$ 187.00	$ 190.74	$ 214.39	$ 405.13	$ 5,266.69
325			4" Dia CO: Floor Cleanout, SIOUX CHIEF, #834-4DNRVSioux Chief # 834-4Dn	EA	2	0%	2	1.360	$ 187.00	$ 254.32	$ 298.67	$ 552.99	$ 1,105.98
326			4" Dia DCO: Double Cleanout	EA	1	0%	1	1.913	$ 187.00	$ 357.64	$ 412.84	$ 770.48	$ 770.48
327			6" Dia DCO: Double Cleanout	EA	2	0%	2	2.890	$ 187.00	$ 540.43	$ 685.92	$ 1,226.35	$ 2,452.70
328			3" Dia FD-1: Floor Drain (Public Area), SIOUX CHIEF, #833-3PNRSioux Chief #	EA	9	0%	9	1.785	$ 187.00	$ 333.80	$ 354.76	$ 688.56	$ 6,197.00
329			2" Dia FD-2: Floor Drain (Guest Room/Mechanical Room), SIOUX CHIEF, #833-	EA	5	0%	5	1.573	$ 187.00	$ 294.06	$ 312.45	$ 606.51	$ 3,032.54
330			3" Dia FS-1: Floor Sink (Kitchen Area), SIOUX CHIEF, #861 SeriesSioux Chief #	EA	3	0%	3	3.613	$ 187.00	$ 675.54	$ 845.63	$ 1,521.17	$ 4,563.50
331			3" Dia FS-2: Floor Sink (General Area), SIOUX CHIEF, #861-4PNVSioux Chief #	EA	7	0%	7	3.358	$ 187.00	$ 627.85	$ 768.29	$ 1,396.14	$ 9,773.00
332			4" Dia RD: Roof Drain	EA	8	0%	8	1.955	$ 187.00	$ 365.59	$ 438.52	$ 804.11	$ 6,432.84
333			4" Dia OD: Overflow Drain	EA	8	0%	8	1.743	$ 187.00	$ 325.85	$ 392.18	$ 718.03	$ 5,744.22
334			4" Dia Pit Drain For Pool Backwash	EA	1	0%	1	2.338	$ 187.00	$ 437.11	$ 512.74	$ 949.85	$ 949.85
335			Combined Trench Drain With Lint Screen, 7'-6" Length	EA	1	0%	1	5.780	$ 187.00	$ 1,080.86	$ 1,895.36	$ 2,976.22	$ 2,976.22
			VALVES										
336			1/2" Dia Gas Shut Off Valve	EA	2	0%	2	0.638	$ 187.00	$ 119.21	$ 128.74	$ 247.95	$ 495.91
337			3/4" Dia Gas Shut Off Valve	EA	1	0%	1	0.765	$ 187.00	$ 143.06	$ 164.39	$ 307.45	$ 307.45
338			3/4" Dia Automatic Gas Shut Off Valve	EA	1	0%	1	1.233	$ 187.00	$ 230.48	$ 289.58	$ 520.06	$ 520.06
339			3/4" Dia Emergency Gas Shut Off Valve	EA	1	0%	1	1.318	$ 187.00	$ 246.37	$ 312.46	$ 558.83	$ 558.83
340			1-1/4" Dia Gas Shut Off Valve	EA	2	0%	2	1.785	$ 187.00	$ 333.80	$ 412.87	$ 746.67	$ 1,493.33
341			1-1/2" Dia Gas Shut Off Valve	EA	1	0%	1	1.998	$ 187.00	$ 373.53	$ 468.92	$ 842.45	$ 842.45
342			1/2" Dia Shut Off Valve	EA	13	0%	13	0.468	$ 187.00	$ 87.42	$ 96.58	$ 184.00	$ 2,392.03
343			3/4" Dia Shut Off Valve	EA	109	0%	109	0.553	$ 187.00	$ 103.32	$ 118.73	$ 222.05	$ 24,203.18
344			1" Dia Shut Off Valve	EA	109	0%	109	0.680	$ 187.00	$ 127.16	$ 142.36	$ 269.52	$ 29,377.68
345			1-1/4" Dia Shut Off Valve	EA	16	0%	16	0.893	$ 187.00	$ 166.90	$ 198.44	$ 365.34	$ 5,845.40
346			1-1/2" Dia Shut Off Valve	EA	11	0%	11	1.063	$ 187.00	$ 198.69	$ 236.79	$ 435.48	$ 4,790.25
347			1/2" Dia ABV: Automatic Balancing Valve, Model 2510 MESURFLOO Inline Au	EA	1	0%	1	1.573	$ 187.00	$ 294.06	$ 345.68	$ 639.74	$ 639.74
348			3/4" Dia ABV: Automatic Balancing Valve, Model 2510 MESURFLOO Inline Au	EA	4	0%	4	1.743	$ 187.00	$ 325.85	$ 398.27	$ 724.12	$ 2,896.47
349			1" Dia ABV: Automatic Balancing Valve, Model 2510 MESURFLOO Inline Auto	EA	13	0%	13	1.955	$ 187.00	$ 365.59	$ 462.19	$ 827.78	$ 10,761.08
350			1/2" Dia Check Valve	EA	1	0%	1	0.595	$ 187.00	$ 111.27	$ 132.47	$ 243.74	$ 243.74
351			3/4" Dia Check Valve	EA	4	0%	4	0.765	$ 187.00	$ 143.06	$ 168.92	$ 311.98	$ 1,247.90
352			1" Dia Check Valve	EA	13	0%	13	0.978	$ 187.00	$ 182.79	$ 214.56	$ 397.35	$ 5,165.58
353			1/2" Dia TMV: Thermostatic Mixing Valve, (Public Lavatory & Hand Sink)Therm	EA	5	0%	5	2.040	$ 187.00	$ 381.48	$ 485.74	$ 867.22	$ 4,336.10
354			1/2" Dia TMV: Thermostatic Mixing Valve, (Only Eye Wash)Thermostatic Mixing	EA	1	0%	1	2.253	$ 187.00	$ 421.22	$ 528.63	$ 949.85	$ 949.85
355			3/4" Dia Gate Valve With Ball Cock	EA	75	0%	75	0.808	$ 187.00	$ 151.00	$ 176.38	$ 327.38	$ 24,553.69
356			1" Dia Gate Valve With Ball Cock	EA	88	0%	88	0.935	$ 187.00	$ 174.85	$ 214.79	$ 389.64	$ 34,287.88
357			2-1/2" Dia Gas Ball Valve	EA	1	0%	1	1.573	$ 187.00	$ 294.06	$ 392.84	$ 686.90	$ 686.90
			CPVC COUPLING										
358			1/2" Dia	EA	48	0%	48	0.000	$ 187.00	$ -	$ -	$ -	$ -
359			3/4" Dia	EA	353	0%	353	0.000	$ 187.00	$ -	$ -	$ -	$ -
360			1" Dia	EA	354	0%	354	0.000	$ 187.00	$ -	$ -	$ -	$ -
361			1-1/4" Dia	EA	93	0%	93	0.000	$ 187.00	$ -	$ -	$ -	$ -
362			1-1/2" Dia	EA	85	0%	85	0.000	$ 187.00	$ -	$ -	$ -	$ -
363			2" Dia	EA	17	0%	17	0.000	$ 187.00	$ -	$ -	$ -	$ -
364			2-1/2" Dia	EA	13	0%	13	0.000	$ 187.00	$ -	$ -	$ -	$ -
365			3" Dia	EA	14	0%	14	0.000	$ 187.00	$ -	$ -	$ -	$ -
			PVC COUPLING										
366			2" Dia	EA	174	0%	174	0.000	$ 187.00	$ -	$ -	$ -	$ -
367			3" Dia	EA	84	0%	84	0.000	$ 187.00	$ -	$ -	$ -	$ -
368			4" Dia	EA	97	0%	97	0.000	$ 187.00	$ -	$ -	$ -	$ -
369			6" Dia	EA	7	0%	7	0.000	$ 187.00	$ -	$ -	$ -	$ -
			NO-HUB COUPLING										
370			3/4" Dia	EA	35	0%	35	0.000	$ 187.00	$ -	$ -	$ -	$ -
371			1" Dia	EA	1	0%	1	0.000	$ 187.00	$ -	$ -	$ -	$ -
372			1-1/2" Dia	EA	54	0%	54	0.000	$ 187.00	$ -	$ -	$ -	$ -
373			2" Dia	EA	1264	0%	1264	0.000	$ 187.00	$ -	$ -	$ -	$ -
374			3" Dia	EA	19	0%	19	0.000	$ 187.00	$ -	$ -	$ -	$ -
375			4" Dia	EA	936	0%	936	0.000	$ 187.00	$ -	$ -	$ -	$ -
376			6" Dia	EA	3	0%	3	0.000	$ 187.00	$ -	$ -	$ -	$ -
			PIPE SUPPORT										
377			1/2" Dia Adjustable Clevis Hanger	EA	2207	0%	2207	0.000	$ 187.00	$ -	$ -	$ -	$ -
378			3/4" Dia Adjustable Clevis Hanger	EA	612	0%	612	0.000	$ 187.00	$ -	$ -	$ -	$ -
379			1" Dia Adjustable Clevis Hanger	EA	590	0%	590	0.000	$ 187.00	$ -	$ -	$ -	$ -
380			1-1/4" Dia Adjustable Clevis Hanger	EA	163	0%	163	0.000	$ 187.00	$ -	$ -	$ -	$ -
381			1-1/2" Dia Adjustable Clevis Hanger	EA	157	0%	157	0.000	$ 187.00	$ -	$ -	$ -	$ -
382			2" Dia Adjustable Clevis Hanger	EA	343	0%	343	0.000	$ 187.00	$ -	$ -	$ -	$ -
383			2-1/2" Dia Adjustable Clevis Hanger	EA	17	0%	17	0.000	$ 187.00	$ -	$ -	$ -	$ -
384			3" Dia Adjustable Clevis Hanger	EA	88	0%	88	0.000	$ 187.00	$ -	$ -	$ -	$ -
385			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	3729	0%	3729	0.085	$ 187.00	$ 15.90	$ 1.97	$ 17.87	$ 66,618.59
386			1/2" Dia Threaded Rod (1 Ea. = 1 FT)	EA	448	0%	448	0.094	$ 187.00	$ 17.48	$ 2.93	$ 20.41	$ 9,145.70
			TRENCHING & BACKFILLING										
387			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	5181	0%	5181	0.043	$ 187.00	$ 7.95	$ -	$ 7.95	$ 41,179.34
												SUBTOTAL	$ 2,396,136
			UTILITIES										
			WATER LINE (BELOW GRADE)										
			Schedule 80 CPVC Pipe										
388			3" Dia Water Line	LF	12	10%	13	0.204	$ 187.00	$ 38.15	$ 8.05	$ 46.19	$ 602.14
			WASTE LINE (BELOW GRADE)										
			Schedule 40 PVC, Solvent Weld. Fitting										
389			4" Dia Waste Pipe	LF	9	10%	10	0.191	$ 187.00	$ 35.73	$ 7.15	$ 42.88	$ 419.80
390			6" Dia Waste Pipe	LF	20	10%	22	0.235	$ 187.00	$ 43.99	$ 10.73	$ 54.72	$ 1,225.45
			WASTE PIPE FITTINGS										
			ELBOW										
391			4" Dia Waste Pipe 45 Deg Elbow	EA	2	0%	2	0.672	$ 187.00	$ 125.75	$ 22.50	$ 148.25	$ 296.49
392			6" Dia Waste Pipe 45 Deg Elbow	EA	4	0%	4	1.102	$ 187.00	$ 206.14	$ 82.50	$ 288.64	$ 1,154.57
			WYE										
393			4" Dia Waste Pipe Wye	EA	2	0%	2	0.510	$ 187.00	$ 95.37	$ 10.35	$ 105.72	$ 211.44
394			6" Dia Waste Pipe Wye	EA	4	0%	4	0.836	$ 187.00	$ 156.29	$ 25.50	$ 181.79	$ 727.15
			GAS LINE (BELOW GRADE)										
			Black Steel Pipe. Plastic Coating										
395	**P6.0**		3" Dia Gas Line	LF	17	10%	19	0.237	$ 187.00	$ 44.35	$ 42.00	$ 86.35	$ 1,625.14
			GAS PIPE FITTINGS										
			ELBOW										
396			3" Dia Gas Line 90 Deg Elbow	EA	2	0%	2	0.384	$ 187.00	$ 71.85	$ 71.00	$ 142.85	$ 285.69
			MISCELLANEOUS										
397		**By Utility Company**	3" Dia Gas Meter Set, 1840 MBH	EA	1	0%	1	0.000	$ 187.00	$ -	$ -	$ -	$ -
			CLEANOUTS & DRAINS										
398			4" Dia DCO: Double Cleanout	EA	1	0%	1	1.938	$ 187.00	$ 362.41	$ 418.67	$ 781.08	$ 781.08
399			6" Dia DCO: Double Cleanout	EA	2	0%	2	3.018	$ 187.00	$ 564.27	$ 712.94	$ 1,277.21	$ 2,554.43
			VALVES										
400			3" Dia Gas Shutoff Valve, SEISMIC 3315 Horizontal	EA	1	0%	1	2.465	$ 187.00	$ 460.96	$ 684.36	$ 1,145.32	$ 1,145.32
			PVC COUPLING										
401			3" Dia	EA	2	0%	2	0.000	$ 187.00	$ -	$ -	$ -	$ -
402			4" Dia	EA	1	0%	1	0.000	$ 187.00	$ -	$ -	$ -	$ -
403			6" Dia	EA	2	0%	2	0.000	$ 187.00	$ -	$ -	$ -	$ -
404			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and Mat	CFT	174	0%	174	0.043	$ 187.00	$ 7.95	$ -	$ 7.95	$ 1,382.87
												SUBTOTAL	$ 12,412

	PROJECTED COST	**$2,662,048**
INSURANCE	**3%**	**$79,861**
CONTINGENCY	**5%**	**$133,102**
TAX	**8%**	**$72,025**
SUGGESTED BID		**$2,947,037**

Notes:
1. Online sources are used for pricing.
2. Prices can vary depending upon field conditions.