



Estimate of Materials and Cost of Construction

Project Name:
Address:
Date:

Summary	Amount
Subtotal	\$ 491,406
Profit/Overhead	\$ 122,852
Total	\$ 614,258

ITEM #	DRAWING REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/FT	UNIT	UNIT LABOR	UNIT MATERIAL	UNIT COST	TOTAL LABOR	TOTAL MATERIAL	ITEM COST	TRADE COST
PLUMBING													\$ 491,406
Cold water pipe													
1	P2.2	1" Cold water pipe	636	5%	668	If	8.8	13.2	\$ 22.00	\$ 5,876.60	\$ 8,815.00	\$ 14,692	
2	P2.2	1-1/2" Cold water pipe	24	5%	25	If	11.2	16.8	\$ 28.00	\$ 282.20	\$ 423.40	\$ 706	
3	P2.2	1-1/4" Cold water pipe	48	5%	50	If	10	15	\$ 25.00	\$ 504.00	\$ 756.00	\$ 1,260	
4	P2.2	1/2" Cold water pipe	180	5%	189	If	4.8	7.2	\$ 12.00	\$ 907.20	\$ 1,360.80	\$ 2,268	
5	P2.2	2" Cold water pipe	144	5%	151	If	13.2	19.8	\$ 33.00	\$ 1,995.80	\$ 2,993.80	\$ 4,990	
6	P2.2	3/4" Cold water pipe	1,476	5%	1,550	If	7.2	10.8	\$ 18.00	\$ 11,158.60	\$ 16,737.80	\$ 27,896	
Hot water pipe													
7	P2.2	1" Hot water pipe	60	5%	63	If	8.8	13.2	\$ 22.00	\$ 554.40	\$ 831.60	\$ 1,386	
8	P2.2	1/2" Hot water pipe	132	5%	139	If	4.8	7.2	\$ 12.00	\$ 665.30	\$ 997.90	\$ 1,663	
9	P2.2	3/4" Hot water pipe	336	5%	353	If	7.2	10.8	\$ 18.00	\$ 2,540.20	\$ 3,810.20	\$ 6,350	
10	P2.2	3/4" Hot water return pipe	648	5%	680	If	7.2	10.8	\$ 18.00	\$ 4,898.90	\$ 7,348.30	\$ 12,247	
Sanitary pipe													
11	P2.1	2" Grease waste pipe	132	5%	139	If	13.2	19.8	\$ 33.00	\$ 1,829.50	\$ 2,744.30	\$ 4,574	
12	P2.1	2" Sanitary pipe	672	5%	706	If	13.2	19.8	\$ 33.00	\$ 9,313.90	\$ 13,970.90	\$ 23,285	
13	P2.1	3" Grease waste pipe	864	5%	907	If	18	27	\$ 45.00	\$ 16,329.60	\$ 24,494.40	\$ 40,824	
14	P2.1	3" Sanitary pipe, PVC	372	5%	391	If	18	27	\$ 45.00	\$ 7,030.80	\$ 10,546.20	\$ 17,577	
15	P2.1	Pressure and temperature relief pipe	24	5%	25	If	11.2	16.8	\$ 28.00	\$ 282.20	\$ 423.40	\$ 706	
16	P2.1	3" Sanitary pipe	408	5%	428	If	18	27	\$ 45.00	\$ 7,711.20	\$ 11,566.80	\$ 19,278	
Vent pipe													
17	P2.1	1-1/2" Vent pipe	120	5%	126	If	11.2	16.8	\$ 28.00	\$ 1,411.20	\$ 2,116.80	\$ 3,528	
18	P2.1	2" Vent pipe	1,488	5%	1,562	If	13.2	19.8	\$ 33.00	\$ 20,623.70	\$ 30,935.50	\$ 51,559	
19	P2.1	3" Vent pipe	240	5%	252	If	18	27	\$ 45.00	\$ 4,536.00	\$ 6,804.00	\$ 11,340	
Condensate pipe													
20	P2.2	3/4" Condensate pipe	924	5%	970	If	7.2	10.8	\$ 18.00	\$ 6,985.40	\$ 10,478.20	\$ 17,464	
Gas pipe													
21	P2.2	1" Gas pipe	96	5%	101	If	8.8	13.2	\$ 22.00	\$ 887.00	\$ 1,330.60	\$ 2,218	
22	P2.2	1-1/2" Gas pipe	12	5%	13	If	11.2	16.8	\$ 28.00	\$ 141.10	\$ 211.70	\$ 353	
23	P2.2	1-1/4" Gas pipe	480	5%	504	If	10	15	\$ 25.00	\$ 5,040.00	\$ 7,560.00	\$ 12,600	
24	P2.2	1/2" Gas pipe	96	5%	101	If	4.8	7.2	\$ 12.00	\$ 483.80	\$ 725.80	\$ 1,210	
25	P2.2	3/4" Gas pipe	60	5%	63	If	7.2	10.8	\$ 18.00	\$ 453.60	\$ 680.40	\$ 1,134	
Fixtures													
26	P2.1, P2.2	3- Compartment sink	12	0%	12	ea	220	330	\$ 550.00	\$ 2,640.00	\$ 3,960.00	\$ 6,600	
27	P2.1, P2.2	Ansul valve	24	0%	24	ea	100	150	\$ 250.00	\$ 2,400.00	\$ 3,600.00	\$ 6,000	
28	P2.1, P2.2	Circulation pump, 8.5 watts	12	0%	12	ea	480	720	\$ 1,200.00	\$ 5,760.00	\$ 8,640.00	\$ 14,400	
29	P2.1, P2.2	Condensate pump, 93 watts, 1/2 gallon tank	12	0%	12	ea	720	1080	\$ 1,800.00	\$ 8,640.00	\$ 12,960.00	\$ 21,600	
30	P2.1, P2.2	Cooking range	12	0%	12	ea	200	300	\$ 500.00	\$ 2,400.00	\$ 3,600.00	\$ 6,000	
31	P2.1, P2.2	Dishwasher	12	0%	12	ea	180	270	\$ 450.00	\$ 2,160.00	\$ 3,240.00	\$ 5,400	
32	P2.1, P2.2	Double check valve with atmospheric vent	24	0%	24	ea	80	120	\$ 200.00	\$ 1,920.00	\$ 2,880.00	\$ 4,800	
33	P2.1, P2.2	Floor drain	36	0%	36	ea	100	150	\$ 250.00	\$ 3,600.00	\$ 5,400.00	\$ 9,000	
34	P2.1, P2.2	Floor sink receptor	36	0%	36	ea	120	180	\$ 300.00	\$ 4,320.00	\$ 6,480.00	\$ 10,800	
35	P2.1, P2.2	Gas meter	12	0%	12	ea	220	330	\$ 550.00	\$ 2,640.00	\$ 3,960.00	\$ 6,600	
36	P2.1, P2.2	Gas water heater, 75 gallon, 76000 btuh	12	0%	12	ea	720	1080	\$ 1,800.00	\$ 8,640.00	\$ 12,960.00	\$ 21,600	
37	P2.1, P2.2	Gate valve in valve box	12	0%	12	ea	120	180	\$ 300.00	\$ 1,440.00	\$ 2,160.00	\$ 3,600	
38	P2.1, P2.2	Grease interceptor, 125 gallon	12	0%	12	ea	100	150	\$ 250.00	\$ 1,200.00	\$ 1,800.00	\$ 3,000	
39	P2.1, P2.2	Hand wash sink	36	0%	36	ea	160	240	\$ 400.00	\$ 5,760.00	\$ 8,640.00	\$ 14,400	
40	P2.1, P2.2	Ice machine	12	0%	12	ea	60	90	\$ 150.00	\$ 720.00	\$ 1,080.00	\$ 1,800	
41	P2.1, P2.2	Lavatory	12	0%	12	ea	180	270	\$ 450.00	\$ 2,160.00	\$ 3,240.00	\$ 5,400	
42	P2.1, P2.2	Refrigerator	12	0%	12	ea	520	780	\$ 1,300.00	\$ 6,240.00	\$ 9,360.00	\$ 15,600	
43	P2.1, P2.2	Service sink	12	0%	12	ea	200	300	\$ 500.00	\$ 2,400.00	\$ 3,600.00	\$ 6,000	
44	P2.1, P2.2	Sink, prep	12	0%	12	ea	200	300	\$ 500.00	\$ 2,400.00	\$ 3,600.00	\$ 6,000	
45	P2.1, P2.2	Soda machine	12	0%	12	ea	60	90	\$ 150.00	\$ 720.00	\$ 1,080.00	\$ 1,800	
46	P2.1, P2.2	Thermostatic mixing valve	12	0%	12	ea	120	180	\$ 300.00	\$ 1,440.00	\$ 2,160.00	\$ 3,600	
47	P2.1, P2.2	Trap primer	12	0%	12	ea	80	120	\$ 200.00	\$ 960.00	\$ 1,440.00	\$ 2,400	
48	P2.1, P2.2	Urinal	12	0%	12	ea	300	450	\$ 750.00	\$ 3,600.00	\$ 5,400.00	\$ 9,000	
49	P2.1, P2.2	Wall cleanout	24	0%	24	ea	80	120	\$ 200.00	\$ 1,920.00	\$ 2,880.00	\$ 4,800	
50	P2.1, P2.2	Wall hydrant	24	0%	24	ea	120	180	\$ 300.00	\$ 2,880.00	\$ 4,320.00	\$ 7,200	
51	P2.1, P2.2	Water closet, FV	12	0%	12	ea	430	645	\$ 1,075.00	\$ 5,160.00	\$ 7,740.00	\$ 12,900	
SUB TOTAL											\$ 491,406	\$ 491,406	
INSURANCE									3%	\$ 14,742	\$ 14,742		
OVERHEAD AND PROFIT									22%	\$ 108,109	\$ 108,109		
TOTAL BASE BID											\$ 614,258	\$ 614,258	

General Notes: The prices used while preparing the estimate were taken from RSMMeans online i.e. the standard pricing & the company is not responsible for any kind of variations in the prices. So, it is preferred to review

- Note**
- The drawings are scaled as per the mentioned
 - The prices used are standard prices, unless

- Exclusions**
- Union Wages

- Legend**
- F.C = Waste or diff. factor
 - sf = square feet
 - lf = linear feet
 - ea = each
 - cy = cubic yard
 - sy = square yard
 - loc = location
 - ls = lump sum