

SR #	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT OF MEASUREMENT	UNIT TOTAL COST	TOTAL ITEM COST	TOTAL TRADE COST
DIV.22 Plumbing								\$ 1,186,152.54
	Plumbing Water Piping							
1	1" Dia Water Piping	3024.04	10%	3326	LF	\$ 21.2	\$ 70,521	
2	1/2" Dia Water Piping	2523.26	10%	2776	LF	\$ 18.8	\$ 52,181	
3	1-1/2" Dia Water Piping	156.49	10%	172	LF	\$ 23.3	\$ 4,011	
4	1-1/4" Dia Water Piping	908.83	10%	1000	LF	\$ 22.8	\$ 22,793	
5	2" Dia Water Piping	290.29	10%	319	LF	\$ 24.5	\$ 7,823	
6	2-1/2" Dia Water Piping	261.3	10%	287	LF	\$ 25.9	\$ 7,444	
7	3" Dia Water Piping	91.06	10%	100	LF	\$ 28.7	\$ 2,875	
8	3/4" Dia Water Piping	3122.8	10%	3435	LF	\$ 20.4	\$ 70,076	
9	4" Dia Water Piping Provide W/ 4' Cover Above Pipe	20.17	10%	22	LF	\$ 32.3	\$ 717	
10	8" Fire Water Piping Provide W/ 4' Cover Above Pipe	6.55	10%	7	LF	\$ 36.5	\$ 263	
	Plumbing Gas Piping							
11	1" Dia Gas Piping	51.91	10%	57	LF	\$ 21.2	\$ 1,211	
12	1/2" Dia Gas Piping	14.37	10%	16	LF	\$ 18.8	\$ 297	
13	1-1/2" Dia Gas Piping	13.39	10%	15	LF	\$ 23.3	\$ 343	
14	1-1/4" Dia Gas Piping	252.28	10%	278	LF	\$ 22.8	\$ 6,327	

15	2" Dia Gas Piping	68.88	10%	76	LF	\$ 24.5	\$ 1,856
16	2-1/2" Dia Gas Piping	102.56	10%	113	LF	\$ 25.9	\$ 2,922
17	3" Dia Gas Piping	95.76	10%	105	LF	\$ 28.7	\$ 3,023
18	3/4" Dia Gas Piping	14.65	10%	16	LF	\$ 20.4	\$ 329
19	4" Dia Gas Piping	40.06	10%	44	LF	\$ 32.3	\$ 1,423
20	5" Dia Gas Piping	11.8	10%	13	LF	\$ 34.6	\$ 449
	Sanitary & Storm Piping						
21	1-1/2" Dia Sanitary Piping	1187.9	10%	1307	LF	\$ 23.3	\$ 30,446
22	1-1/4" Dia Sanitary Piping	232	10%	255	LF	\$ 22.8	\$ 5,819
23	2" Dia Sanitary Piping	3288.9	10%	3618	LF	\$ 24.5	\$ 88,636
24	2-1/2" Dia Sanitary Piping	208.09	10%	229	LF	\$ 25.9	\$ 5,928
25	3" Dia Sanitary Piping	7143.12	10%	7857	LF	\$ 28.7	\$ 225,508
26	4" Dia Sanitary Piping	1324.08	10%	1456	LF	\$ 32.3	\$ 47,045
27	5" Dia Sanitary Piping	274.32	10%	302	LF	\$ 34.6	\$ 10,441
28	6" Dia Sanitary Piping	410.6	10%	452	LF	\$ 35.2	\$ 15,898
29	8" Dia Sanitary Piping	114.63	10%	126	LF	\$ 36.5	\$ 4,602
	Plumbing Valves & Fittings						
30	2" Prz Backflow Preventer	1	0%	1	EA	\$ 181.0	\$ 181
31	3" By-Pass W/ Nc Valve	1	0%	1	EA	\$ 98.2	\$ 98
32	Ball Valve	152	0%	152	EA	\$ 56.7	\$ 8,618
33	Bed Pan Washer	3	0%	3	EA	\$ 67.8	\$ 203
34	Circuit Solver	65	0%	65	EA	\$ 121.2	\$ 7,878
35	Gas Cock Valve	15	0%	15	EA	\$ 76.5	\$ 1,148
36	Gas Meter	1	0%	1	EA	\$ 340.0	\$ 340
37	Gas Pressure Regulator	2	0%	2	EA	\$ 112.3	\$ 225
38	Port Ball Valve	14	0%	14	EA	\$ 65.6	\$ 918

39	Rpz Backflow Preventer	13	0%	13	EA	\$ 160.9	\$ 2,092
40	Shock Absorber	14	0%	14	EA	\$ 112.1	\$ 1,569
41	Solenoid Valve	1	0%	1	EA	\$ 56.4	\$ 56
42	Check Valve	45	0%	45	EA	\$ 46.5	\$ 2,093
43	Gate Valve	89	0%	89	EA	\$ 42.1	\$ 3,747
44	Curb Valve	49	0%	49	EA	\$ 32.3	\$ 1,583
45	Union	342	0%	342	EA	\$ 33.4	\$ 11,423
46	Globe Valve	28	0%	28	EA	\$ 87.8	\$ 2,458
47	Three Way Valve	17	0%	17	EA	\$ 56.7	\$ 964
48	Pressure Gas Cock	3	0%	3	EA	\$ 88.0	\$ 264
49	Thermometer	2	0%	2	EA	\$ 94.2	\$ 188
50	Drip Leg W/ Cap	128	0%	128	EA	\$ 34.3	\$ 4,390
51	Pressure Regulating Valve	47	0%	47	EA	\$ 54.3	\$ 2,552
	Sanitary Drainage Connections/Fixtures						
52	2" Fd-1: 2" Floor Drain, Manufacturer And Model No: Josam 30000-7A-50 Cast Iron Body Floor Drain With 7" Diameter Nikaloy Top And Trap Primer, Provide W/ P-Trap To Suit Extend Primer Piping To Drain Tap	2	0%	2	EA	\$ 258.7	\$ 517
53	3" Fd: 3" Floor Drain, Manufacturer And Model No: Josam 32200-Ae-50 Cast Iron Floor Drain, Paint The Grade Same Color As The Floor, Provide P-Trap To Suit, Extend Primer Piping To Drain Tap	7	0%	7	EA	\$ 320.0	\$ 2,240
54	3" Fs-1: 3" Floor Sink, Manufacturer And Model No: Josam 49300-Nb Cast Iron Floor Sink, Super-Flo-Septor Sink W/ Acid Resisting Interior, Aluminum Internal Dome Strainer Nikaloy Rim, Nikaloy Light-Duty, Anti-Tilting Super-Flo Grate, Provide W/ P-Trap To Suit Provide Splash Proof Surround	9	0%	9	EA	\$ 380.0	\$ 3,420

55	3" Rd: 3" Roof Drain, Manufacturer And Model No: Josam 21500-3-26 Cast Iron Rood Drain With Deck Clamp, Drain Receiver And Aluminum Dome, Primary Roof Drain	9	0%	9	EA	\$ 350.0	\$ 3,150
56	3" Rd: 3" Roof Drain, Manufacturer And Model No: Josam 21500-16-3-26 Cast Iron Roof Drain, Internal Water Guard Type With Deck Clamp, Drain Receiver, Overflow Roof Drain	9	0%	9	EA	\$ 390.0	\$ 3,510
57	4" Fd: 4" Floor Drain, Manufacturer And Model No: Josam 32200-Ae-50 Cast Iron Floor Drain, Paint The Grade Same Color As The Floor, Provide P-Trap To Suit, Extend Primer Piping To Drain Tap	4	0%	4	EA	\$ 420.0	\$ 1,680
58	4" Rd: 4" Roof Drain, Manufacturer And Model No: Josam 21500-3-26 Cast Iron Rood Drain With Deck Clamp, Drain Receiver And Aluminum Dome, Primary Roof Drain	2	0%	2	EA	\$ 450.0	\$ 900
59	4" Rd: 4" Roof Drain, Manufacturer And Model No: Josam 21500-16-3-26 Cast Iron Roof Drain, Internal Water Guard Type With Deck Clamp, Drain Receiver, Overflow Roof Drain	2	0%	2	EA	\$ 480.0	\$ 960
60	Fd: Floor Drain, Manufacturer And Model No: Josam 30000-7A-50 Cast Iron Body Floor Drain With 7" Diameter Nikaloy Top And Trap Primer, Provide W/ P-Trap To Suit Extend Primer Piping To Drain Tap	13	0%	13	EA	\$ 269.5	\$ 3,504
61	Fs: Floor Sink, Manufacturer And Model No: Josam 49300-Nb Cast Iron Floor Sink, Super-Flo-Septor Sink W/ Acid Resisting Interior, Aluminum Internal Dome Strainer Nikaloy Rim, Nikaloy Light-Duty, Anti-Tilting Super-Flo Grate, Provide W/ P-Trap To Suit Provide Splash Proof Surround	1	0%	1	EA	\$ 420.0	\$ 420
62	Wco: Wall Cleanout	69	0%	69	EA	\$ 98.2	\$ 6,776

63	3" Floor Cleanout	4	0%	4	EA	\$ 180.0	\$ 720
64	4" Floor Cleanout	15	0%	15	EA	\$ 230.0	\$ 3,450
65	6" Floor Cleanout	2	0%	2	EA	\$ 240.0	\$ 480
66	Ad-1: Area Drain, Manufacturer And Model No: Josam 23730-DBS Cast Iron Area Drain, Small Sump, Promenade Top With Dome Bottom Strainer	2	0%	2	EA	\$ 380.0	\$ 760
	Plumbing Fixtures & Equipments						
67	Li-1: Lint Interceptor, Manufacturer And Model No: Josam #61806 Acid Coated Interior And Exterior Steel 22"X18" Lint Trap, Non-Skid Secured	1	0%	1	EA	\$ 2,980.0	\$ 2,980
68	Li-2: Lint Interceptor, Manufacturer And Model No: Josam #61070-15 Cast Iron Acid Resisting Coating 10" Dia X15" H Lint Trap, Attached To Wall	1	0%	1	EA	\$ 2,560.0	\$ 2,560
69	Gt-1: Grease Trap, Manufacturer And Model No: Gb-250-H20 Exterior Interceptor, Flow-100 Gpm, Liquid Capacity-275 Gal, Polyethylene, Adjustable Riser, Flow Control Shall Be Installed Only In First Unit Per Manufacturer Recommendations, Add 6" Sampling Port, Anchor Kit, Provide Concrete Slab Under The Unit	1	0%	1	EA	\$ 3,740.0	\$ 3,740
70	Et-1: Domestic Water Expansion Tank, Volume: 7.6 Gallons, Manufacturer And Model No: Therm-X-Trol #St-20V-C	1	0%	1	EA	\$ 220.0	\$ 220
71	Et-2: Domestic Water Expansion Tank, Volume: 12.5 Gallons, Manufacturer And Model No: Therm-X-Trol #St-30V-C	1	0%	1	EA	\$ 220.0	\$ 220
72	Ewc: Electric Water Cooler	2	0%	2	EA	\$ 480.0	\$ 960

73	Gwh-1: Gas Fired Water Heater, Manufacturer And Model No: Pvi Conquest Or Equal, 40 L 130A-Gcl, Storage: 130, Gas Fired Water Heater, 94.0 Efficiency With Direct Vent, Combustable Air And Vent Caps And Condensate Kit Supplied By Pvi	1	0%	1	EA	\$ 680.0	\$ 680
74	Gwh-2: Gas Fired Water Heater, Manufacturer And Model No: Pvi Conquest Or Equal, 40 L 130A-Gcl, Storage: 130, Gas Fired Water Heater, 94.0 Efficiency With Direct Vent, Combustable Air And Vent Caps And Condensate Kit Supplied By Pvi	1	0%	1	EA	\$ 680.0	\$ 680
75	Gwh-3: Gas Fire Water Heater, Manufacturer And Model No: Pvi Conquest Or Equal, 20 L 100A-Gcl, Storage: 200, Gas Fired Water Heater, 94.0, Efficiency With Direct Vent, Combustable Air And Vent Caps And Condensate Kit Supplied By Pvi	1	0%	1	EA	\$ 760.0	\$ 760
76	Hsk-1: Hair Saloon Sink, Shampoo Bowl Wall Hung Lavatory Provide With Zurn Hair Interceptor Z1176 Hair Trap Or Equal Ada Complaint	2	0%	2	EA	\$ 1,140.0	\$ 2,280
77	Im-1: Supply Outlet Box, Manufacturer And Model No: Siouxchief 696-G1000Mf, Ice Maker Valve Box	7	0%	7	EA	\$ 540.0	\$ 3,780
78	Lav-1: Lavatory Countertop, Countertop Lavatory Ada Complaint, Insulate Trap & Supplies With Faucet	114	0%	114	EA	\$ 760.0	\$ 86,640
79	Mr: Mop Receptor, 65.700 Hose & Bracket; 65.600 Mop Hanger; 63.401 Bumperguard, Faucet: Speakman Sef-9200 Eyewash/Dranch Hose Attachment For Faucet - Sc-58Xx	3	0%	3	EA	\$ 210.0	\$ 630

80	Mv: Master Mixing Valve, Manufacturer And Model No: Leonard Eco-Mix High Low Assembly Tm-202B-Lf-Dt Thermostatic Mixing Valve, Set At 110 Degree F 2" Inlet & Outlet, Shall Be Piped According To Leonard Required Piping Method 5, 10 Year Warranty	1	0%	1	EA	\$ 187.2	\$ 187
81	Sh-1: Shower, Shower Valve: Symmons Model #9600-Plr-X-Chck, Shower Head: Symmons Model #T36-Wt-2.0	89	0%	89	EA	\$ 1,230.0	\$ 109,470
82	Sk-1: Sink Countertop	52	0%	52	EA	\$ 980.0	\$ 50,960
83	Sk-2: Double Compartment Sink Countertop	3	0%	3	EA	\$ 1,430.0	\$ 4,290
84	Sk-3: Sink Countertop	42	0%	42	EA	\$ 980.0	\$ 41,160
85	Wb-1: Washer Box, Manufacturer And Model No: Siouxchief 696 Series Oxbox On, Unit Shall Have Two Arrstors, Outlet Water Connections Shall Be 3/4"	20	0%	20	EA	\$ 650.0	\$ 13,000
86	Wc-1: Tank Type Water Closet	94	0%	94	EA	\$ 760.0	\$ 71,440
87	Wh-1: Hose Bib, Manufacturer And Model No: Woodford Mfg. Co. Model 27	9	0%	9	EA	\$ 124.3	\$ 1,119

88	Ws-1: Water Softener, Automatic Softener System Ecowater System Lls, Ecowater Model Ews322D Duplex Parallel Demand Delay Prepped System With Ability Delay The Recharge Time To Night Hours, System Operators At Efficiencies In Excess Of 4000 Grains Of Hardness Removal Per Pound Of Salt Used With Daytime Flow Capabilites In Excess Of 200 Gpm, Each Resin Tank Shall Be Filled With 10 Cubic Feet Of High Capacity, Chlorine Resistant Cation Exchange Resin Having A Mininum Of 10% Crossliking Provide 3"Cw By-Pass With All Associated Appurtenances To Make System Complete Suburbanwater Technology Inc 1-800-525-6464 Or Equal	1	0%	1	EA	\$ 2,430.0	\$ 2,430
89	Emv: Emergency Mixing Valve, Manufacturer And Model No: Leonard Ta-300-Rf Eye/Face Emergency Washer Mixing Valve, Asse 1071, Close Down Of Failure Of Cold Water Supply	3	0%	3	EA	\$ 219.2	\$ 658
90	Hwrp-1: Hot Water Return Pump, Manufacturer And Model No: Bell & Gossett Vertical In-Line Ecocirc XI 55-45 Pump, Model #Bg_104456Lf Sized For 14Gpm, 44Ft 4500 Rpm, 1/2 Hp, Voltage: 208V, 1-Phase, 60Hz, Stainless Steel Lead Free	1	0%	1	EA	\$ 425.0	\$ 425
91	Hwrp-2: Hot Water Return Pump, Manufacturer And Model No: Bell & Gossett Vertical In-Line Ecocirc XI 19-16 Pump, Model #Bg_6050B2004Lf Sized For 5Gpm, 12Ft 4600 Rpm, 1/12 Hp, Voltage: 120V, 1-Phase, 60Hz, Stainless Steel Lead Free	1	0%	1	EA	\$ 317.2	\$ 317
	Plumbing Service Connections						

92	Provide 3" Waste From Fd-1 With P-Trap And Trap Primer Connection Run Under The Floor	21	0%	21	EA	\$ 145.4	\$ 3,053	
93	Provide 2" Waste From Wb With P-Trap For Resident Rooms Only Provide Drain Pan Without Drain Hole	14	0%	14	EA	\$ 132.1	\$ 1,849	
94	1/2" Hw & Cw From Riser Extend Piping To Wb For Resident Rooms Only Provide Leak Detector Floodstop Fs3/4H Provide With Ac Power With Battery Backup	18	0%	18	EA	\$ 165.6	\$ 2,981	
SUB TOTAL							\$ 1,186,152.54	
OVERHEAD							9%	\$ 106,753.73
PROFIT							8%	\$ 94,892.20
INSURANCE							5%	\$ 59,307.63
CONTINGENCY							3%	\$ 35,584.58
TOTAL BID							\$ 1,482,690.67	
NOTE:								
1	OUR PRICES ARE STANDARD WITH PROJECT ZIP CODE, BUT YOU CAN PUT YOUR OWN.							
2	WE'VE TAKEN STANDARD ASSUMPTION WHERE DETAILS WERE INSUFFICIENT							