

# Takeoff Tab

## Harve De Grace\_Plumbing

Bid No. 13

No.	Name	Height	Area	Quantity1	UOM1	Quantity2	UOM2	Quantity3	UOM3
<b>Plumbing Fixtures</b>									
68	Shutoff Valve	0"	First Floor Plan	48	EA	0		0	
69	WH-2_(Water Heater)	0"	First Floor Plan	1	EA	0		0	
72	WH-3_(Water Heater)	0"	First Floor Plan	1	EA	0		0	
74	Water Heater	0"	First Floor Plan	2	EA	0		0	
75	CO_Cleanout Plug	0"	First Floor Plan	11	EA	0		0	
76	Double Wye	0"	First Floor Plan	1	EA	0		0	
77	Check Valve	0"	First Floor Plan	8	EA	0		0	
78	Relief Valve	0"	First Floor Plan	6	EA	0		0	
79	Union	0"	First Floor Plan	12	EA	0		0	
81	4" FD-2	0"	First Floor Plan	4	EA	0		0	
82	WH-5_(Water Heater)	0"	First Floor Plan	1	EA	0		0	
83	WH-4_(Water Heater)	0"	First Floor Plan	1	EA	0		0	
84	WH-6_(Water Heater)	0"	First Floor Plan	1	EA	0		0	
85	P-1A_Water Closet	0"	First Floor Plan	3	EA	0		0	
89	P-1B_Water Closet	0"	First Floor Plan	2	EA	0		0	
91	3" FD-2	0"	First Floor Plan	4	EA	0		0	
95	CP_Domestic Water Pump	0"	First Floor Plan	1	EA	0		0	
96	4" Open Drain Valve	0"	First Floor Plan	1	EA	0		0	
97	Double Check Valve	0"	First Floor Plan	1	EA	0		0	
98	WH-1_(Water Heater)	0"	First Floor Plan	1	EA	0		0	
99	Meter supplied	0"	First Floor Plan	2	EA	0		0	
<b>Plumbing</b>									
24	4" Sanitary Pipe_Polyvinyl Chloride (PVC) Pipe	0"	First Floor Plan	554	LF	0		0	
25	2" Sanitary Pipe_Polyvinyl Chloride (PVC) Pipe	0"	First Floor Plan	36	LF	0		0	
26	1-1/2" Vent Pipe_Polyvinyl Chloride (PVC) Pipe	0"	First Floor Plan	462	LF	0		0	
27	3/4" Gas Pipe_Hard Copper Tube ( Type-L)	0"	First Floor Plan	12	LF	0		0	
28	1 1/2" Cold water_Hard Copper Tube ( Type-L)	0"	First Floor Plan	460	LF	0		0	
29	1/2" Cold water_Hard Copper Tube ( Type-L)	0"	First Floor Plan	174	LF	0		0	
30	1 1/2" Sanitary Pipe_Polyvinyl Chloride (PVC) Pipe	0"	First Floor Plan	58	LF	0		0	
31	1/2" Hot water_Hard Copper Tube ( Type-L)	0"	First Floor Plan	169	LF	0		0	
32	3/4" HWC_Hot Water Circulating_Hard Copper Tube ( Type-L)	0"	First Floor Plan	86	LF	0		0	
34	1" Lines from Water Heater to Discharge via Air Gap	0"	First Floor Plan	52	LF	0		0	
35	3/4" Drain to Discharge via Air Gap into Floor Drain	0"	First Floor Plan	52	LF	0		0	

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Bid No. 13

No.	Name	Height	Area	Quantity1	UOM1	Quantity2	UOM2	Quantity3	UOM3
36	2" VP_Vent Pipe_Polyvinyl Chloride (PVC) Pipe	0"	First Floor Plan	161	LF	0		0	
37	1-1/2" Hot water_Hard Copper Tube ( Type-L)	0"	First Floor Plan	153	LF	0		0	
80	Condensate Drain	0"	First Floor Plan	12	LF	0		0	
<b>Plumbing Fittings</b>									
2	Elbow 90 Degree_1-1/2" Dia._PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	15	EA	0		0	
38	Elbow 45 Degree_4" Dia._PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	31	EA	0		0	
39	Tee 45 Degree_4" Dia._PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	9	EA	0		0	
40	Elbow 90 Degree_4" Dia with Reducing 1-1/2" Dia._PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	1	EA	0		0	
41	Tee_1-1/2" Dia. with Reducing Arm 1/2" _Copper Solder Joint Fittings Copper Solder Joint Fittings	0"	First Floor Plan	11	EA	0		0	
42	Elbow 90 Degree_1/2" Dia._Copper Solder Joint Fittings Copper Solder Joint Fittings	0"	First Floor Plan	23	EA	0		0	
43	Elbow 45 Degree_1-1/2" Dia._PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	26	EA	0		0	
44	Tee 45 Degree_1-1/2" Dia._Copper Solder Joint Fittings Copper Solder Joint Fittings	0"	First Floor Plan	4	EA	0		0	
45	Tee_1-1/2" Dia_Copper Solder Joint Fittings Copper Solder Joint Fittings	0"	First Floor Plan	16	EA	0		0	
46	Elbow 90 Degree_2" Dia._Copper Solder Joint Fittings Copper Solder Joint Fittings	0"	First Floor Plan	3	EA	0		0	
47	Elbow 90 Degree_4" _PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	29	EA	0		0	
48	Tee 45 Degree_4" Dia. with Reducing Arm 2" _PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	2	EA	0		0	
49	Elbow 45 Degree_2" Dia._PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	23	EA	0		0	

# Takeoff Tab

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Bid No. 13

No.	Name	Height	Area	Quantity1	UOM1	Quantity2	UOM2	Quantity3	UOM3
50	Elbow 90 Degree_3/4" Dia._Copper Solder Joint Fittings Copper Solder Joint Fittings	0"	First Floor Plan	33	EA	0		0	
51	Tee 45 Degree_4" Dia. with Reducing Arm 1-1/2"_PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	4	EA	0		0	
52	Double Tee_4"_PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	6	EA	0		0	
53	Elbow 45 Degree_1" Dia._Copper Solder Joint Fittings Copper Solder Joint Fittings	0"	First Floor Plan	4	EA	0		0	
54	Elbow 90 Degree_1" Dia._Copper Solder Joint Fittings Copper Solder Joint Fittings	0"	First Floor Plan	5	EA	0		0	
55	Tee 45 Degree_1" Dia._ Copper Solder Joint Fittings	0"	First Floor Plan	2	EA	0		0	
56	Tee_4" Dia_PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	12	EA	0		0	
57	Tee 45 Degree_2" Dia._PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	8	EA	0		0	
58	Tee 45 Degree_2" Dia. with Reducing 1-1/2"_PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	1	EA	0		0	
59	Tee_1/2" Dia._PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	2	EA	0		0	
61	Tee_1-1/2" Dia. with Reducing Arm 3/4"_PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	2	EA	0		0	
63	Tee_2" Dia. with Reducing Arm 1-1/2"_Copper Solder Joint Fittings Copper Solder Joint Fittings	0"	First Floor Plan	1	EA	0		0	
65	Tee_4" Dia. with Reducing Arm 1-1/2"_PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	1	EA	0		0	
66	Elbow 90 Degree_1-1/2" Dia._Copper Solder Joint Fittings Copper Solder Joint Fittings	0"	First Floor Plan	48	EA	0		0	
67	Elbow 90 Degree_2" Dia._PVC Socket Fittings PVC Socket Fittings	0"	First Floor Plan	13	EA	0		0	

# Takeoff Tab

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Bid No. 13

No.	Name	Height	Area	Quantity1	UOM1	Quantity2	UOM2	Quantity3	UOM3
<b>Plumbing Insulation</b>									
1	Flexible Elastometric_1 Inch Thick	0"	First Floor Plan	899	LF	0		0	

Simsona Corporation

# Worksheet Tab

## Harve De Grace\_Plumbing

Bid No. 13

No.	Name	Qty1	UOM1	Qty2	UOM2	Qty3	UOM3	Mat.(\$)	Labor(\$)	Sub(\$)	Total(\$)
<b>Plumbing</b>											
24	4" Sanitary Pipe_Polyvinyl Chloride (PVC) Pipe	554	LF					0.00	0.00	0.00	0.00
25	2" Sanitary Pipe_Polyvinyl Chloride (PVC) Pipe	36	LF					0.00	0.00	0.00	0.00
26	1-1/2" Vent Pipe_Polyvinyl Chloride (PVC) Pipe	462	LF					0.00	0.00	0.00	0.00
27	3/4" Gas Pipe_Hard Copper Tube ( Type-L)	12	LF					0.00	0.00	0.00	0.00
28	1 1/2" Cold water_Hard Copper Tube ( Type-L)	460	LF					0.00	0.00	0.00	0.00
29	1/2" Cold water_Hard Copper Tube ( Type-L)	174	LF					0.00	0.00	0.00	0.00
30	1 1/2" Sanitary Pipe_Polyvinyl Chloride (PVC) Pipe	58	LF					0.00	0.00	0.00	0.00
31	1/2" Hot water_Hard Copper Tube ( Type-L)	169	LF					0.00	0.00	0.00	0.00
32	3/4" HWC_Hot Water Circulating_Hard Copper Tube ( Type-L)	86	LF					0.00	0.00	0.00	0.00
34	1" Lines from Water Heater to Discharge via Air Gap	52	LF					0.00	0.00	0.00	0.00
35	3/4" Drain to Discharge via Air Gap into Floor Drain	52	LF					0.00	0.00	0.00	0.00
36	2" VP_Vent Pipe_Polyvinyl Chloride (PVC) Pipe	161	LF					0.00	0.00	0.00	0.00
37	1-1/2" Hot water_Hard Copper Tube ( Type-L)	153	LF					0.00	0.00	0.00	0.00
80	Condensate Drain	12	LF					0.00	0.00	0.00	0.00
<b>Plumbing Fittings</b>											
2	Elbow 90 Degree_1-1/2" Dia._PVC Socket Fittings	15	EA					0.00	0.00	0.00	0.00

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No.	Name	Qty1	UOM1	Qty2	UOM2	Qty3	UOM3	Mat.(\$)	Labor(\$)	Sub(\$)	Total(\$)
38	Elbow 45 Degree_4" Dia._PVC Socket Fittings	31	EA					0.00	0.00	0.00	0.00
39	Tee 45 Degree_4" Dia._PVC Socket Fittings	9	EA					0.00	0.00	0.00	0.00
40	Elbow 90 Degree_4" Dia with Reducing 1-1/2" Dia._PVC Socket Fittings	1	EA					0.00	0.00	0.00	0.00
41	Tee_1-1/2" Dia. with Reducing Arm 1/2" _Copper Solder Joint Fittings	11	EA					0.00	0.00	0.00	0.00
42	Elbow 90 Degree_1/2" Dia._Copper Solder Joint Fittings	23	EA					0.00	0.00	0.00	0.00
43	Elbow 45 Degree_1-1/2" Dia._PVC Socket Fittings	26	EA					0.00	0.00	0.00	0.00
44	Tee 45 Degree_1-1/2" Dia._Copper Solder Joint Fittings	4	EA					0.00	0.00	0.00	0.00
45	Tee_1-1/2" Dia_Copper Solder Joint Fittings	16	EA					0.00	0.00	0.00	0.00
46	Elbow 90 Degree_2" Dia._Copper Solder Joint Fittings	3	EA					0.00	0.00	0.00	0.00
47	Elbow 90 Degree_4" _PVC Socket Fittings	29	EA					0.00	0.00	0.00	0.00
48	Tee 45 Degree_4" Dia. with Reducing Arm 2" _PVC Socket Fittings	2	EA					0.00	0.00	0.00	0.00
49	Elbow 45 Degree_2" Dia._PVC Socket Fittings	23	EA					0.00	0.00	0.00	0.00
50	Elbow 90 Degree_3/4" Dia._Copper Solder Joint Fittings	33	EA					0.00	0.00	0.00	0.00
51	Tee 45 Degree_4" Dia. with Reducing Arm 1-1/2" _PVC Socket Fittings	4	EA					0.00	0.00	0.00	0.00
52	Doule Tee_4" _PVC Socket Fittings	6	EA					0.00	0.00	0.00	0.00
53	Elbow 45 Degree_1" Dia._Copper Solder Joint Fittings	4	EA					0.00	0.00	0.00	0.00

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No.	Name	Qty1	UOM1	Qty2	UOM2	Qty3	UOM3	Mat.(\$)	Labor(\$)	Sub(\$)	Total(\$)
54	Elbow 90 Degree_1" Dia._Copper Solder Joint Fittings	5	EA					0.00	0.00	0.00	0.00
55	Tee 45 Degree_1" Dia._	2	EA					0.00	0.00	0.00	0.00
56	Tee_4" Dia_PVC Socket Fittings	12	EA					0.00	0.00	0.00	0.00
57	Tee 45 Degree_2" Dia._PVC Socket Fittings	8	EA					0.00	0.00	0.00	0.00
58	Tee 45 Degree_2" Dia. with Reducing 1-1/2"_PVC Socket Fittings	1	EA					0.00	0.00	0.00	0.00
59	Tee_1/2" Dia._PVC Socket Fittings	2	EA					0.00	0.00	0.00	0.00
61	Tee_1-1/2" Dia. with Reducing Arm 3/4"._PVC Socket Fittings	2	EA					0.00	0.00	0.00	0.00
63	Tee_2" Dia. with Reducing Arm 1-1/2" _Copper Solder Joint Fittings	1	EA					0.00	0.00	0.00	0.00
65	Tee_4" Dia. with Reducing Arm 1-1/2" _PVC Socket Fittings	1	EA					0.00	0.00	0.00	0.00
66	Elbow 90 Degree_1-1/2" Dia._Copper Solder Joint Fittings	48	EA					0.00	0.00	0.00	0.00
67	Elbow 90 Degree_2" Dia._PVC Socket Fittings	13	EA					0.00	0.00	0.00	0.00
<b>Plumbing Fixtures</b>											
68	Shutoff Valve	48	EA					0.00	0.00	0.00	0.00
69	WH-2_(Water Heater)	1	EA					0.00	0.00	0.00	0.00
72	WH-3_(Water Heater)	1	EA					0.00	0.00	0.00	0.00
74	Water Heater	2	EA					0.00	0.00	0.00	0.00
75	CO_Cleanout Plug	11	EA					0.00	0.00	0.00	0.00
76	Double Wye	1	EA					0.00	0.00	0.00	0.00
77	Check Valve	8	EA					0.00	0.00	0.00	0.00
78	Relief Valve	6	EA					0.00	0.00	0.00	0.00
79	Union	12	EA					0.00	0.00	0.00	0.00

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Bid No. 13

No.	Name	Qty1	UOM1	Qty2	UOM2	Qty3	UOM3	Mat.(\$)	Labor(\$)	Sub(\$)	Total(\$)
81	4" FD-2	4	EA					0.00	0.00	0.00	0.00
82	WH-5_(Water Heater)	1	EA					0.00	0.00	0.00	0.00
83	WH-4_(Water Heater)	1	EA					0.00	0.00	0.00	0.00
84	WH-6_(Water Heater)	1	EA					0.00	0.00	0.00	0.00
85	P-1A_Water Closet	3	EA					0.00	0.00	0.00	0.00
89	P-1B_Water Closet	2	EA					0.00	0.00	0.00	0.00
91	3" FD-2	4	EA					0.00	0.00	0.00	0.00
95	CP_Domestic Water Pump	1	EA					0.00	0.00	0.00	0.00
96	4" Open Drain Valve	1	EA					0.00	0.00	0.00	0.00
97	Double Check Valve	1	EA					0.00	0.00	0.00	0.00
98	WH-1_(Water Heater)	1	EA					0.00	0.00	0.00	0.00
99	Meter supplied	2	EA					0.00	0.00	0.00	0.00
<b>Plumbing Insulation</b>											
1	Flexible Elastometric_1 Inch Thick	899	LF					0.00	0.00	0.00	0.00
<b>Totals</b>								<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Simsona Corporation