



SR. NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT COST	MATERIAL COST	MANHOURS UNIT RATE	MANHOUR UNIT RATE		115
									MANHOURS	MANHOURS COST	TOTAL TRADE COST
<b>PLUMBING ESTIMATE</b>											
<b>COLD WATER PIPE</b>											
PVC And Upenor Pex											
1	1/2" Dia Cold Water Pipe	985	10%	1083	LFT	\$ -	\$ 115		\$ -	\$ -	
2	3/4" Dia Cold Water Pipe	219	10%	240	LFT	\$ -	\$ 115		\$ -	\$ -	
3	1" Dia Cold Water Pipe	270	10%	297	LFT	\$ -	\$ 115		\$ -	\$ -	
4	1-1/4" Dia Cold Water Pipe	28	10%	31	LFT	\$ -	\$ 115		\$ -	\$ -	
5	2" Dia Cold Water Pipe	51	10%	56	LFT	\$ -	\$ 115		\$ -	\$ -	
<b>COLD WATER PIPE INSULATION</b>											
1/2" Thick Fiberglass Insulation W/ Vapor Barrier											
1	1/2" Dia Cold Water Pipe	985	10%	1083	LFT	\$ -	\$ 115		\$ -	\$ -	
2	3/4" Dia Cold Water Pipe	219	10%	240	LFT	\$ -	\$ 115		\$ -	\$ -	
3	1" Dia Cold Water Pipe	270	10%	297	LFT	\$ -	\$ 115		\$ -	\$ -	
4	1-1/4" Dia Cold Water Pipe	28	10%	31	LFT	\$ -	\$ 115		\$ -	\$ -	
5	2" Dia Cold Water Pipe	51	10%	56	LFT	\$ -	\$ 115		\$ -	\$ -	
<b>DOMESTIC COLD WATER PIPE FITTINGS</b>											
<b>ELBOWS</b>											
1	1/2" Dia Cold Water 90 Deg Elbow	81	0%	81	EA	\$ -	\$ 115		\$ -	\$ -	
2	3/4" Dia Cold Water 90 Deg Elbow	3	0%	3	EA	\$ -	\$ 115		\$ -	\$ -	
3	1" Dia Cold Water 90 Deg Elbow	3	0%	3	EA	\$ -	\$ 115		\$ -	\$ -	
4	2" Dia Cold Water 90 Deg Elbow	4	0%	4	EA	\$ -	\$ 115		\$ -	\$ -	
<b>REDUCERS</b>											
1	3/4" / 1/2" Dia Cold Water Reducer	4	0%	4	EA	\$ -	\$ 115		\$ -	\$ -	
2	1" / 1/2" Dia Cold Water Reducer	2	0%	2	EA	\$ -	\$ 115		\$ -	\$ -	
3	1" / 3/4" Dia Cold Water Reducer	2	0%	2	EA	\$ -	\$ 115		\$ -	\$ -	
4	1-1/4" / 1" Dia Cold Water Reducer	1	0%	1	EA	\$ -	\$ 115		\$ -	\$ -	
5	2" / 1" Dia Cold Water Reducer	1	0%	1	EA	\$ -	\$ 115		\$ -	\$ -	
6	2" / 1-1/4" Dia Cold Water Reducer	1	0%	1	EA	\$ -	\$ 115		\$ -	\$ -	
<b>TEE</b>											
1	1/2" Dia Cold Water Tee	18	0%	18	EA	\$ -	\$ 115		\$ -	\$ -	
2	3/4" Dia Cold Water Tee	2	0%	2	EA	\$ -	\$ 115		\$ -	\$ -	
3	3/4" / 1/2" Dia Cold Water Tee	12	0%	12	EA	\$ -	\$ 115		\$ -	\$ -	
4	1" Dia Cold Water Tee	2	0%	2	EA	\$ -	\$ 115		\$ -	\$ -	
5	1" / 1/2" Dia Cold Water Tee	17	0%	17	EA	\$ -	\$ 115		\$ -	\$ -	
6	1" / 3/4" Dia Cold Water Tee	2	0%	2	EA	\$ -	\$ 115		\$ -	\$ -	
7	1-1/4" / 1/2" Dia Cold Water Tee	2	0%	2	EA	\$ -	\$ 115		\$ -	\$ -	
8	2" Dia Cold Water Tee	2	0%	2	EA	\$ -	\$ 115		\$ -	\$ -	
<b>HOT WATER PIPE</b>											
PVC And Upenor Pex											
1	1/2" Dia Cold Water Pipe	827	10%	910	LFT	\$ -	\$ 115		\$ -	\$ -	
2	3/4" Dia Cold Water Pipe	366	10%	403	LFT	\$ -	\$ 115		\$ -	\$ -	
3	1" Dia Cold Water Pipe	101	10%	111	LFT	\$ -	\$ 115		\$ -	\$ -	
<b>HOT WATER PIPE INSULATION</b>											
1" Thick Fiberglass Insulation											
1	1/2" Dia Cold Water Pipe	827	10%	910	LFT	\$ -	\$ 115		\$ -	\$ -	
2	3/4" Dia Cold Water Pipe	366	10%	403	LFT	\$ -	\$ 115		\$ -	\$ -	
3	1" Dia Cold Water Pipe	101	10%	111	LFT	\$ -	\$ 115		\$ -	\$ -	
<b>HOT WATER PIPE FITTING</b>											
<b>ELBOW</b>											
1	1/2" Dia Cold Water 90 Deg Elbow	68	0%	68	EA	\$ -	\$ 115		\$ -	\$ -	
2	3/4" Dia Cold Water 90 Deg Elbow	1	0%	1	EA	\$ -	\$ 115		\$ -	\$ -	
3	1" Dia Cold Water 90 Deg Elbow	3	0%	3	EA	\$ -	\$ 115		\$ -	\$ -	
<b>REDUCERS</b>											
1	3/4" / 1/2" Dia Cold Water Reducer	7	0%	7	EA	\$ -	\$ 115		\$ -	\$ -	
2	1" / 1/2" Dia Cold Water Reducer	1	0%	1	EA	\$ -	\$ 115		\$ -	\$ -	
3	1" / 3/4" Dia Cold Water Reducer	2	0%	2	EA	\$ -	\$ 115		\$ -	\$ -	
<b>TEE</b>											
1	3/4" Dia Cold Water Tee	1	0%	1	EA	\$ -	\$ 115		\$ -	\$ -	
2	1/2" Dia Cold Water Tee	10	0%	10	EA	\$ -	\$ 115		\$ -	\$ -	
3	3/4" / 1/2" Dia Cold Water Tee	25	0%	25	EA	\$ -	\$ 115		\$ -	\$ -	
4	1" Dia Cold Water Tee	1	0%	1	EA	\$ -	\$ 115		\$ -	\$ -	
5	1" / 1/2" Dia Cold Water Tee	4	0%	4	EA	\$ -	\$ 115		\$ -	\$ -	
6	1" / 3/4" Dia Cold Water Tee	1	0%	1	EA	\$ -	\$ 115		\$ -	\$ -	
<b>HOT WATER RETURN PIPE</b>											
PVC And Upenor Pex											

1	3/4" Dia Hot Water Return Pipe (Size Assumed)	430	10%	473	LFT		\$ -	\$ 115		\$ -	\$ -
<b>HOT WATER PIPE INSULATION</b>											
1" Thick Fiberglass Insulation											
1	3/4" Dia Hot Water Return Pipe (Size Assumed)	430	10%	473	LFT		\$ -	\$ 115		\$ -	\$ -
<b>HOT WATER RETURN PIPE FITTING</b>											
<b>ELBOW</b>											
1	3/4" Dia Hot Water Return 90 Deg Elbow	4	0%	4	EA		\$ -	\$ 115		\$ -	\$ -
<b>TEE</b>											
1	3/4" Dia Hot Water Return Tee	5	0%	5	EA		\$ -	\$ 115		\$ -	\$ -
<b>WASTE PIPE</b>											
Sch 40 PVC											
1	2" Dia Waste Pipe	616	10%	678	LFT		\$ -	\$ 115		\$ -	\$ -
2	3" Dia Waste Pipe	551	10%	606	LFT		\$ -	\$ 115		\$ -	\$ -
3	4" Dia Waste Pipe	504	10%	554	LFT		\$ -	\$ 115		\$ -	\$ -
<b>WASTE PIPE FITTING</b>											
<b>ELBOW</b>											
1	2" Dia Waste 45 Deg Elbow	49	0%	49	EA		\$ -	\$ 115		\$ -	\$ -
2	2" Dia Waste 90 Deg Elbow	43	0%	43	EA		\$ -	\$ 115		\$ -	\$ -
3	3" Dia Waste 45 Deg Elbow	34	0%	34	EA		\$ -	\$ 115		\$ -	\$ -
4	3" Dia Waste 90 Deg Elbow	15	0%	15	EA		\$ -	\$ 115		\$ -	\$ -
5	4" Dia Waste 45 Deg Elbow	8	0%	8	EA		\$ -	\$ 115		\$ -	\$ -
6	4" Dia Waste 90 Deg Elbow	3	0%	3	EA		\$ -	\$ 115		\$ -	\$ -
<b>REDUCER</b>											
1	3" / 2" Dia Waste Reducer	4	0%	4	EA		\$ -	\$ 115		\$ -	\$ -
2	4" / 3" Dia Waste Reducer	2	0%	2	EA		\$ -	\$ 115		\$ -	\$ -
<b>WYE</b>											
1	2" Dia Waste Wye	2	0%	2	EA		\$ -	\$ 115		\$ -	\$ -
2	2" Dia Waste Double Wye	1	0%	1	EA		\$ -	\$ 115		\$ -	\$ -
3	3" / 2" Dia Waste Wye	13	0%	13	EA		\$ -	\$ 115		\$ -	\$ -
4	3" Dia Waste Wye	6	0%	6	EA		\$ -	\$ 115		\$ -	\$ -
5	4" / 2" Dia Waste Double Wye	4	0%	4	EA		\$ -	\$ 115		\$ -	\$ -
6	4" / 2" Dia Waste Wye	11	0%	11	EA		\$ -	\$ 115		\$ -	\$ -
7	4" / 3" Dia Waste Wye	11	0%	11	EA		\$ -	\$ 115		\$ -	\$ -
8	4" Dia Waste Wye	4	0%	4	EA		\$ -	\$ 115		\$ -	\$ -
<b>VENT PIPE</b>											
Sch 40 PVC											
1	2" Dia Vent Pipe	672	10%	739	LFT		\$ -	\$ 115		\$ -	\$ -
<b>VENT PIPE FITTING</b>											
<b>ELBOW</b>											
1	2" Dia Vent 90 Deg Elbow	10	0%	10	EA		\$ -	\$ 115		\$ -	\$ -
<b>TEE</b>											
1	2" Dia Vent Tee	48	0%	48	EA		\$ -	\$ 115		\$ -	\$ -
<b>GAS PIPE</b>											
Sch 40 Black Steel											
1	1/2" Dia Gas Pipe	34	10%	37	LFT		\$ -	\$ 115		\$ -	\$ -
2	3/4" Dia Gas Pipe	142	10%	156	LFT		\$ -	\$ 115		\$ -	\$ -
3	1" Dia Gas Pipe	210	10%	231	LFT		\$ -	\$ 115		\$ -	\$ -
4	1-1/4" Dia Gas Pipe	310	10%	341	LFT		\$ -	\$ 115		\$ -	\$ -
5	2" Dia Gas Pipe	33	10%	37	LFT		\$ -	\$ 115		\$ -	\$ -
6	3" Dia Gas Pipe	134	10%	148	LFT		\$ -	\$ 115		\$ -	\$ -
<b>GAS PIPE FITTING</b>											
<b>ELBOWS</b>											
1	1/2" Dia Gas 90 Deg Elbow	1	0%	1	EA		\$ -	\$ 115		\$ -	\$ -
2	3/4" Dia Gas 90 Deg Elbow	12	0%	12	EA		\$ -	\$ 115		\$ -	\$ -
3	1" Dia Gas 90 Deg Elbow	5	0%	5	EA		\$ -	\$ 115		\$ -	\$ -
4	1-1/4" Dia Gas 90 Deg Elbow	13	0%	13	EA		\$ -	\$ 115		\$ -	\$ -
5	2" Dia Gas 90 Deg Elbow	2	0%	2	EA		\$ -	\$ 115		\$ -	\$ -
6	3" Dia Gas 90 Deg Elbow	6	0%	6	EA		\$ -	\$ 115		\$ -	\$ -
<b>REDUCER</b>											
1	1" / 3/4" Dia Gas Reducer	3	0%	3	EA		\$ -	\$ 115		\$ -	\$ -
2	1-1/4" / 1" Dia Gas Reducer	4	0%	4	EA		\$ -	\$ 115		\$ -	\$ -
3	2" / 1" Dia Gas Reducer	1	0%	1	EA		\$ -	\$ 115		\$ -	\$ -
4	2" / 1-1/4" Dia Gas Reducer	2	0%	2	EA		\$ -	\$ 115		\$ -	\$ -
<b>TEE</b>											
1	3/4" Dia Gas Tee	3	0%	3	EA		\$ -	\$ 115		\$ -	\$ -
2	1" / 3/4" Dia Gas Tee	3	0%	3	EA		\$ -	\$ 115		\$ -	\$ -
3	1" Dia Gas Tee	1	0%	1	EA		\$ -	\$ 115		\$ -	\$ -

4	1-1/4" / 1" Dia Gas Tee	2	0%	2	EA	\$ -	\$ 115	\$ -	\$ -
5	1-1/4" / 1/2" Dia Gas Tee	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
6	1-1/4" / 3/4" Dia Gas Tee	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
7	1-1/4" Dia Gas Tee	5	0%	5	EA	\$ -	\$ 115	\$ -	\$ -
8	2" Dia Gas Tee	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
9	3" / 1-1/4" Dia Gas Tee	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
<b>UNION</b>									
1	3/4" Dia Gas Union	4	0%	4	EA	\$ -	\$ 115	\$ -	\$ -
2	1-1/4" Dia Gas Union	4	0%	4	EA	\$ -	\$ 115	\$ -	\$ -
<b>TRAP</b>									
1	3" Dia P-Trap	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
<b>TRAP PRIMER</b>									
1	2" Dia Trap Primer	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
<b>GAS COCK</b>									
1	3/4" Dia Gas Cock	4	0%	4	EA	\$ -	\$ 115	\$ -	\$ -
2	1-1/4" Dia Gas Cock	6	0%	6	EA	\$ -	\$ 115	\$ -	\$ -
<b>WATER VALVE</b>									
1	1/2" Dia Shut-Off Valve	69	0%	69	EA	\$ -	\$ 115	\$ -	\$ -
2	3/4" Dia Shut-Off Valve	17	0%	17	EA	\$ -	\$ 115	\$ -	\$ -
3	3/4" Dia Balancing Valve	5	0%	5	EA	\$ -	\$ 115	\$ -	\$ -
4	2" Dia Globe Valve	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
5	2" Dia Check Valve	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
<b>WATER HAMMER ARRESTOR</b>									
1	1/2" Dia Water Hammer Arrestor	32	0%	32	EA	\$ -	\$ 115	\$ -	\$ -
2	3/4" Dia Water Hammer Arrestor	12	0%	12	EA	\$ -	\$ 115	\$ -	\$ -
<b>FLOOR DRAIN</b>									
1	3" Dia Floor Drain	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
<b>CLEANOUT</b>									
1	3" Dia Cleanout	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
2	4" Dia Cleanout	3	0%	3	EA	\$ -	\$ 115	\$ -	\$ -
<b>GAS METER</b>									
1	New Gas Meter And Regulator Rig If Required (Coordinate W/ Utility Company)	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
<b>WATER METER</b>									
1	New Water Meter And Backflow Preventer (Coordinate Requirement W/ Utility Company)	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
<b>WALL HYDRANT</b>									
1	1/2" Dia Wall Hydrant (Assumed)	10	0%	10	EA	\$ -	\$ 115	\$ -	\$ -
<b>PVC COUPLING</b>									
1	1/2" Dia Coupling	181	0%	181	EA	\$ -	\$ 115	\$ -	\$ -
2	3/4" Dia Coupling	101	0%	101	EA	\$ -	\$ 115	\$ -	\$ -
3	1" Dia Coupling	37	0%	37	EA	\$ -	\$ 115	\$ -	\$ -
4	1-1/4" Dia Coupling	3	0%	3	EA	\$ -	\$ 115	\$ -	\$ -
5	2" Dia Coupling	128	0%	128	EA	\$ -	\$ 115	\$ -	\$ -
6	3" Dia Coupling	55	0%	55	EA	\$ -	\$ 115	\$ -	\$ -
7	4" Dia Coupling	51	0%	51	EA	\$ -	\$ 115	\$ -	\$ -
<b>PLUMBING FIXTURE</b>									
1	Water Heater W/ Circulation Pump	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
2	BAR Sink	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
3	Hand Sink	6	0%	6	EA	\$ -	\$ 115	\$ -	\$ -
4	Kitchen Sink	2	0%	2	EA	\$ -	\$ 115	\$ -	\$ -
5	Lavatory	14	0%	14	EA	\$ -	\$ 115	\$ -	\$ -
6	Sewer Ejector	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
7	Shower ( With Rain Head, Fixed Head, Hand Held)	10	0%	10	EA	\$ -	\$ 115	\$ -	\$ -
8	SP	5	0%	5	EA	\$ -	\$ 115	\$ -	\$ -
9	TUB	2	0%	2	EA	\$ -	\$ 115	\$ -	\$ -
10	Water Closet	12	0%	12	EA	\$ -	\$ 115	\$ -	\$ -
11	3 Bay Sink (From Attached Pic)	1	0%	1	EA	\$ -	\$ 115	\$ -	\$ -
12	Sink (From Attached Pic)	5	0%	5	EA	\$ -	\$ 115	\$ -	\$ -
13	3/4" Dia Hoss Bibb (Size Assumed, From Attached Pic)	7	0%	7	EA	\$ -	\$ 115	\$ -	\$ -
14	Pot Filler ( 1 Wall Mount, 1 Deck Mount), (From Attached Pic)	2	0%	2	EA	\$ -	\$ 115	\$ -	\$ -
15	PV 75Gal (From Attached Pic)	3	0%	3	EA	\$ -	\$ 115	\$ -	\$ -
16	Gas Dryers (From Attached Pic)	4	0%	4	EA	\$ -	\$ 115	\$ -	\$ -
<b>PIPE SUPPORT</b>									
1	1/2" Dia Clevis Hanger	183	0%	183	EA	\$ -	\$ 115	\$ -	\$ -
2	3/4" Dia Clevis Hanger	116	0%	116	EA	\$ -	\$ 115	\$ -	\$ -
3	1" Dia Clevis Hanger	58	0%	58	EA	\$ -	\$ 115	\$ -	\$ -
4	1-1/4" Dia Clevis Hanger	34	0%	34	EA	\$ -	\$ 115	\$ -	\$ -



		TOTAL MATERIAL COST	\$	-
		TOTAL MANHOURS' COST	\$	-
		TOTAL COST	\$	-
		OVERHEADS & PROFIT	25%	\$
		TOTAL BID	\$	-
<b>SCOPE OF ESTIMATE:</b>				
<b>I</b>	<b>SUPPLY &amp; INSTALLATION</b>			
1	Cold Water Pipe W/ Fittings			
2	Hot Water Pipe W/ Fittings			
3	Waste Pipe W/ Fittings			
4	Vent Pipe W/ Fittings			
5	Gas Pipe W/ Fittings			
6	Cleanouts			
7	Valves			
8	Plumbing Fixtures			
9	Pipe Insulations			
10	Pipe Supports			
<b>II</b>	<b>NOTES</b>			
1	Pricing & Manhours are calculated from PHCC database.			