ITEM 120-2802-R0903 ATTACHMENT

Plumbing Technology-Courses Preliminary List of Supplies, Tools, Equipment Needed September 2, 2003

PLMB 100 Introduction to the Plumbing Trades:

5-Small power drills

3-Small power grinders

3-Slings

2-Right angle drills

3-Reciprocating Sawsalls

\$ 2,000.00

PLMB 120 Introduction to Piping Systems:

3-chop saws

Plastic pipe and fittings DWV 11/2, 2, 3, inch

Cement and cleaner

5-Propane bottles and torches

3-Soil pipe cutters 6-No-hub wrenches

No-hub soil pipe and fittings: 11/2, 2, 3, inch

1-Pipe machine complete

1-Pipe vise Pipe dope

Black pipe and fittings: ½, ¾, 1 inch PEX pipe and fittings: ½, ¾ inch

\$20,104.00

PLMB 125 Introduction to Plumbing Fixtures:

2-Kitchen sinks w/trim

2-Laundry sinks w/trim

2-Wall hung lavatory sinks w/trim

2-Built-in lavatory sinks w/trim

2-Bathtub/shower units w/trim

2-Showers w/trim

2-Toliets w/trim

2-Flush valve toilets w/trim

2-Urinals w/trim

2-Garbage disposals

1 Dishwasher

2-Mop sinks w/trim

2-Water heaters complete

\$ 7,530.00

PLMB 200 Pipe Fitting Tools/Motorized Equipment:

2-Pipe stands

12-Pipe wrenches various sizes

6-Pipe levels 6-Flaring tools

\$ 5,000.00

PLMB 210 Advanced Blueprint reading/Plumbers:

Drawing tools and equipment

\$ 1,000.00

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PLMB 230 Hangers/Supports/Testing Piping/Equipment:

50-Pipe hangers, various sizes

100-Pipe hanger rod

100-Unistrut hanger supports

Miscellaneous hangers and equipment

Testing equipment

\$ 4,000.00

PLMB 250 Special Piping:

Copper pipe and fittings, various sizes

Solder Silver solder Iron pipe

Grooved pipe fittings Grooved pipe attachment

\$ 6,000.00

PLMB 260 Intro/Control Circuit Troubleshooting:

12-Termostats

6-24 volt transformers 6-24 volt zone valves 6-Tsting equipment

\$ 4,000.00

PLMB 270 Hydronic Heating and Cooling Systems:

1-Gas boiler 1-Oil boiler 6-Seam traps 6-Blancing valves

\$ 8,000.00

PLMB 280 Energy Management:

Testing equipment

Balancing test equipment

\$ 2,000.00

PLMB 285 System Startup and Shutdown:

Test and balance equipment Glycol system equipment

\$ 3,000.00

TOTAL \$ 62,634.00