

## **Request for Information (RFI)**

### **Training**

The District of Columbia Water and Sewer Authority (DC Water) will implement an apprenticeship program for the District of Columbia residents only. The program is inclusive of Waste Water Operator, Plumbing and Heating, Ventilation and Air Conditioning (HVAC) training. The training for Waste Water Operator will be three years and the Plumbing and HVAC will each be four years.

This request for information is issued solely to obtain market information and identify sources that can provide the training.

#### **WASTE WATER OPERATOR: 25 courses**

Preliminary and Primary Treatment, Treatment Plant Math 1&2, Introduction to Waste Water Treatment 1&2, Sanitary Chemistry 1&2, Waste Water Analysis, Waste Water Lab, Pumping Systems, Biological Treatment Process 1&2, Biological Nutrient Removal 1&2, Industrial Waste Water Discharge Regulations, Valves and Piping Systems, Odor Control and Chemical addition, Disinfection, Fundamentals of Electricity for the Non-Electrician, Stream Ecology, Solids Thickening and Digestion, Bearings and Lubrication, Solids De Watering, Incineration and Instrumentation and Controls

#### **PLUMBING: 39 courses**

Introduction to the Plumbing Profession, Tools of the Plumbing Trade, Introduction to Plumbing Math, Plastic Pipe and Fittings, Cast-Iron Pipe and Fittings, Introduction to Plumbing Fixtures, Introduction to Drain, Waste and Vent (DMV) Systems, Introduction to Water Distribution Systems, Plumbing Math Two, Commercial Drawings 2, Structural Penetrations, Insulation, and Fire-Stopping, Installing and Testing DWV Piping, Installing Roof, Floor and Area Drains, Installing and Testing Water Supply Piping, Types of Valves, Installing Fixtures and valves, Installing Water Heaters, Basic Electricity, Fuel Gas and Fuel Oil Systems, Applied Math, Sizing and Protecting the Water Supply System, Potable Water Supply Treatment, Types of Venting, Sizing DWV and Storm Systems, Sewage Pumps and Sump Pumps, Corrosive-Resistant Waste Piping, Compressed Air, Fundamentals of Crew Leadership, Water Pressure Booster and Recirculation, Indirect and Special Waste, Hydronic and Solar Heating System, Plumbing Codes, Private Water Supply Systems, Private Waste-Disposal Systems, 32 Hour Backflow Training, and Backflow Preventers

#### **HVAC: 41 courses**

Trade Math, Introduction to HVAC-including ACCA/NFPA, Basic Electricity, Introduction to Heating, Introduction to Cooling, Introduction to Air Distribution Systems, Basic Copper and Plastic Piping Practices, Soldering and Brazing, Basic Carbon Steel Piping Practices, Alternating Current, Compressors, Leak Detection and Evacuation Recovery and Charging, Metering Devices, Heat Pumps, Basic Maintenance, Chimney Vents and Flutes, Sheet Metal Duct Systems, Fiberglass and Flexible Duct Systems, Commercial Airside Systems, Air Quality Equipment, Introduction to Hydronic, Fasteners Hardware and Wiring, Introduction to Control Circuit Troubleshooting, Troubleshooting for Heating Pumps, Troubleshooting for Gas Heating, Troubleshooting for Oil Heating, Troubleshooting for Accessories, Zoning Ductless and Variable Ref, Commercial Hydronic, Steam Systems, Retail Refrigeration, Water Treatment, Indoor Air Quality, Energy Conservation Equipment, Building Management Systems, System Air Balancing, System Startup and Shutdown, Heating and Cooling Design, Commercial/Industrial Refrigeration Systems and Alternative and Specialized Heating and Cooling System. This RFI doesn't commit DC Water to issuing a Request for Proposal in the future.

Questions regarding this announcement shall be submitted in writing no later than October 19, 2018 via e-mail to [Teresa.Scott@dcwater.com](mailto:Teresa.Scott@dcwater.com). Interested parties shall submit their information no later than October 26, 2018 at 5:00 pm via e-mail to [Teresa.Scott@dcwater.com](mailto:Teresa.Scott@dcwater.com).