



SCOPE OF WORK/SPECIFICATIONS

BACKGROUND

Benton Washington Regional Water laboratory desires to purchase an Ion Chromatography (IC) system to analyze anions by EPA method 300.0 and 300.1. In addition, the instrument may be used for other applications requiring ion chromatography when appropriate.

SCOPE OF WORK/SPECIFICATIONS

Contractor shall provide a Ion Chromatograph system per the system requirements listed below. Contractor shall provide complete instrument set-up, installation, and on-site training with initial installation and provide on-going phone support and on-site technical support for IC system as may be required. Delivery and installation of the Ion Chromatograph will be at the Benton Washington Regional Public Water Authority Water Treatment Plant, 15531 Woods Lodge Road, Rogers AR 72756.

System Requirements:

The IC system provided must be totally integrated and preconfigured consisting of a pump, auto-sampler, conductivity detector, conductivity cell, column heater, eluent generation, suppressor, injector, columns, and data management software. The IC system shall be designed and configured for analysis of drinking water, ground water, and surface water. The IC system shall be capable of operating in a stand-alone or networked configuration.

System must:

- Comply with all EPA Method 300.0/300.1 requirements
- Use an analytical column that can comply with EPA Method 300.0/300.1
- Not require gas supplies
- Have automatic eluent generation
- Use electrolytical or chemical self-regenerating suppressor or equivalent
- Use a temperature-controlled conductivity detector
- Use dual piston pump, or equivalent, controlled through a microprocessor. The pump must be variable speed
- Use vacuum degas, or equivalent, to provide on line eluent degassing
- Use a temperature-controlled column compartment
- Use a guard column
- Use automatic sample injection
- Be programmable

Auto-sampler must:

- Be capable of automatic sample filtration down to 0.2 micron
- Use nonmetallic components in fluid path
- Deliver sample volumes up to 5 mL
- Use standard disposable non-metallic auto-sampler vials
- Have caps on vials
- Be controlled by the instrument software
- Have the ability to inject the sample

System Hardware and Software must:

- Be compatible with Windows 10 Enterprise and include report generation capability
- Benton Washington will provide the computer system and the software provided must be compatible with:

Dell Inspiron 3275 All-in-One
Operating System: Windows 10
RAM: 4GB

Ion Chromatograph System Warranty

- All components of the IC Instrument not considered consumable items, will have a minimum of a full one year warranty on parts and labor commencing upon the date of installation of the Ion Chromatograph

BIDDING INSTRUCTIONS

All contractors wishing to submit a bid for the above described Ion Chromatograph must submit their sealed bid to the Benton Washington Regional Public Water Authority by **10:00 AM CST on Friday February 10, 2019**. The sealed bids must be clearly on the outside of the bid envelope **BWRPWA – ION CHROMATOGRAPH BID**. The Mailing address for Bids is:

BWRPWA

Attention: Jana Wright – IC Bid

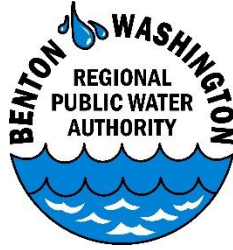
15531 Woods Lodge Rd

Rogers AR 72756

Phone: (479) 925-7655

Bids will be opened at 10:00 AM on Friday, February 10, 2019 at the BWRPWA Treatment Plant and BWRPWA reserves the right to reject all bids and quotes. If you have any additional questions with regard to the specifications or bidding requirements, please contact Christine Schneider, BWRPWA Lab analyst, at 479-925-7655, Cell: 479-256-5261 or E-mail: christine.schneider@bwrpwa.com

Terms: Terms will be NET 30 due to the successful bidder based on the IC installation date.



**BENTON WASHINGTON REGIONAL PUBLIC WATER AUTHORITY
ION CHROMATAGRAPH BID TAB**

One (1) Ion Chromatograph system complete as specified and with installation, set-up and training to be provided by contractor on site at the BWRPWA Water Treatment Plant, 15531 woods Lodge Rd. Rogers AR 72756

PRICE (US Dollars): \$ _____

Exceptions to specifications: _____

PLEASE PRINT THE FOLLOWING:

Name: _____

Company: _____

Address: _____

Phone: _____ Cell: _____

E-mail: _____

Signature: _____ Date: _____

To be considered, all bids must be received by BWRPWA by 10:00 AM CST FEBRUARY 10, 2019. Enclose this Bid Tab in a sealed envelope clearly marked on the outside BWRPWA – ION CHROMATAGRAPH BID by the specified deadline. The mailing address is BWRPWA, Attention Jana Wright – IC Bid, 15531 Woods Lodge Road, Rogers AR 72756. Bids must be sealed and can be mailed, or hand delivered, prior to the deadline. No unsealed bids or fax bids will be accepted. Bids will be opened at 10:00 AM on February 10, 2019 at the address listed above.