

Request for Legislation

The Division of Water seeks authority to enter into one or more professional services contracts for the rehabilitating automated control systems at the Division’s treatment plants, secondary facilities and in the distribution system.

Background/Purpose:

The Division of Water depends on state-of-the-art instrumentation and controls at all of its treatment plants, secondary facilities, and in its distribution system, to provide high quality drinking water to its customers. Over 20,000 items, such as pressure, temperature, flow rates, and chemical feed rates, are monitored at each water treatment plant. Much of the instrumentation and control equipment installed during the Plant Enhancement Program is now near end-of-life and is no longer supported by manufacturers. The need to adapt to changing Lake Erie conditions and new regulations also requires updates, rehabilitation and retooling of the Division’s instrumentation and controls.

Scope of Work/Commodities/Services:

The Division’s control systems include the following components: programmable logic controllers, field instruments and devices, software, remote terminal units, human machine interface equipment, and other instrumentation and control equipment. These components will be rehabilitated, upgraded, and replaced where appropriate. Additionally, the designer will be tasked with updating the Division’s master standards and specifications for control systems, with a specific focus on the latest cybersecurity precautions to be taken. This ordinance will authorize professional design services. The construction authority was previously granted with ordinance 955-2020

Anticipated Costs and funding source:

The anticipated cost of this work is \$2,500,000.

Fund 52, SF 001, and/or from the fund or sub-fund to which are credited the proceeds of future bonds, if issued for this purpose.

Schedule or Term of Contract:

The design and construction services are anticipated to take four years to complete.

Current Contract(s):

Vendor Information	Services/Work performed	Contract Info	CSB Participation Goal XX%
N/A			

Previous Contract(s):

Vendor Information	Contract Info	CSB Participation Goal XX% (OEO Actual %s)
N/A		