

Division of Water

Request for Legislation

An ordinance authorizing the Division of Water to enter into a Requirement Contract or contracts for diving and related services, including inspecting, refurbishing, replacing and repairing various submerged and water-filled structures.

Executive Summary

Diving Services

Background/Purpose:

CWD has four water treatment plants, each of which has a raw water intake system in Lake Erie, a shore shaft, raw water suction wells, settling basins, finished water storage basins, and other submerged facilities. CWD also has large transmission mains that in some cases are located in challenging locations, such as under rivers, which can only be repaired from the inside. The operation and integrity of these facilities is critical for the production and supply of potable water. The Division of Water is requesting legislation to authorize the purchase of services, labor and materials to provide underwater diving, inspection, cleaning, debris removal and occasional minor repair of submerged and water-filled facilities. CWD will use these contracts on an as-needed basis.

Scope of Work/Commodities/Services:

This requirement contract(s) shall provide underwater diving, inspection, cleaning, debris removal and occasional minor repair of submerged and water-filled facilities. Removal of debris from submerged raw water intake systems requires working in water depths up to 120 feet, potentially inside confined spaces, and requires the use of a boat, diving gear, and in some instances a hyperbaric decompression chamber.

Justification/Urgency:

The operation and integrity of the various submerged and water-filled structures are critical for the production and supply of potable water for the health and welfare of the population of the City of Cleveland and seventy-nine neighboring communities. The submerged raw water intake system and the raw water suction wells are subject to clogging by marine growth such as zebra mussels. If the marine growth is not removed, the capacities at the water intake become reduced. The traveling screens can become completely coved with marine growth, choking off the flow of Lake Water into the plant.

Anticipated Costs and funding source:

This Requirement Contract is estimated to cost \$1,000,000.00 over its life. Operating or Capital Funds will be used as appropriate. Fund 52 SF 001, and all funds deemed necessary by the Director of Finance.

Year 1 = \$500,000.00

Year 2 = \$500,000.00

Schedule or Term of Contract:

This Requirement contract shall be for a term of two years.

Current Contract(s):

Vendor Company Name	Vendor Address	Services/Work performed	Contract Info
Underwater Marine Contractors	9535 Clinton Avenue Cleveland, OH 44144 Karolyn Beals	Underwater inspection/repair	Contract # 2023-81 Contract Amt. \$810,112.00 Expiration date: 9/11/2025

CSB Participation on the Current Contracts:

Goals: 20%; Actual CSB Participation: 0%

If there is no CSB participation, explain why here:

The goal set for above contract was waived, because there were no certified companies available to subcontract portions of the contract to.

Previous Contract:

Vendor Company Name	Vendor Address	Services/Work performed	Contract Info
Underwater Marine Contractors	9535 Clinton Avenue Cleveland, OH 44144 Bart Schasfoort	Underwater inspection/repair	Contract # 2021-36 Contract Amt. \$707,125.00 Expiration date: 5/19/2023