DEPARTMENT OF PUBLIC UTILITIES **Ordinance No. 475-2023**

Division of Water

Request for Legislation

An ordinance authorizing the Division of Water to procure by one or more requirement contracts labor and materials necessary to repair, replace, maintain, exercise and test existing valves of various types, valve actuators and valve appurtenances, and to provide related services.

Background/Purpose:

The Division of Water (CWD) has four water treatment plants, eleven secondary pump stations, fourteen water storage facilities and 5,300 miles of underground pipe. Each of these contains aging ball valves, plug valves, cone valves, gate valves, butterfly valves, and valve actuators. CWD has 67,000 water main valves, 72,000 hydrant valves, 420,000 curb stop valves and hundreds of other specialized valves. When a valve breaks, it inhibits the ability of CWD to direct the flow of water and can cause water to leak in the streets. The operation and integrity of these valves is critical for the production and delivery of potable water.

CWD intends to hire contractors for the maintenance of water system valves, thereby assisting our maintenance and engineering staffs.

Scope of Work/Commodities/Services:

Every valve has a moving part that can be operated to reduce or stop water flow, when necessary. To stop water flow and obtain a good shut, this moving part must create a good seal with a non-moving part of the valve, the valve seat. When a good seal cannot be obtained or the valve body leaks, the valve must be repaired or replaced. Actuators are used on some larger valves to make the process of operating the valve more efficient and less labor intensive. When the actuator breaks, it must be repaired to allow proper operation of the valve. The repair and service work under this contract or contracts includes the replacement or reconditioning of valves, such as replacement of seats, stems, disks, gates, plugs, bushings, seals, etc. The work will also include repair and replacement of various types of valve actuators, including mechanical and hydraulic units.

Justification/Urgency:

When a valve breaks, it inhibits the ability of CWD to direct the flow of water and can leak water into the street. The operation and integrity of these valves is critical for the production and delivery of potable water to the citizens of Cleveland and neighboring communities served by CWD.

A valve improvement program will focus on the largest and most critical system valves and will save both operating and capital investiment costs for the City while increasing customer convenience and water quality.

Anticipated Costs and funding source:

1. Plant Operations - A requirement contract(s) for labor and materials necessary to repair, replace, maintain valves, actuators, and appurtenances at CWD facilities is estimated to cost $600,000 annually ($1,200,000 for two years). Operating or Capital Funds will be used as appropriate to the procurement being made.

2. Engineering - A program to exercise and repair valves in the distribution system is estimated to cost $1,000,000.00 annually ($2,000,000.00 for two years). Operating funds (52) will be utilized.

Schedule or Term of Contract:

Legislation will lead to a requirement contract or contracts for the term of two years.

Current Contract(s):

Vendor Company Name	Vendor Address	Services/Work performed	Contract Info
Phoenix Partners LLC dba Cleveland Valve & Gauge	4755 West 150th Street Cleveland, OH 44135	L/M to repair various types of valves less than 24"	Contract #: MA 2022-003 Awarded Amt: $301,624.00 Contract Exp Date: 01/27/2024

CSB Participation on the Current Contracts:
Goals: ____%; Actual CSB Participation: ___%

If there is no CSB participation, explain why here: Under Chapter 187.13C of the Codified Ordinances, the OEO participation goal for these requirement contracts has been waived.

Previous Contracts:

Vendor Company Name	Vendor Address	Services/Work performed	Contract Info	CSB Participation (OEO Actual %'s)
Phoenix Partners LLC dba Cleveland Valve & Gauge	4755 West 150th Street Cleveland, OH 44135	L/M to repair various types of valves less than 24"	Contract #: MA 2019-063 Awarded Amt: $452,024.00 Contract Exp Date: 09/04/2021	0%
Phoenix Partners LLC dba Cleveland Valve & Gauge	4755 West 150th Street Cleveland, OH 44135	L/M to repair various types of valves less than 24"	Contract #: MA 2015-051 Awarded Amt: $220,024.00 Contract Exp Date: 6/20/2014	0%
Industrial Valves and Universal Machine and Valve Co.	3169 East 80th Street Cleveland, OH 44104	L/M to repair various types of valves greater than 24" to 48"	Contract #: MA 2015-045 Awarded Amt: $194,544.00 Contract Exp Date: 4/15/2017	0%