

COMMISSION FILE NO: 16-158-11 **DATE INTRODUCED:** November 14, 2016

INTRODUCED BY: Executive Director (Signature on File in the Office of the Commission)

REFERRED BY COMMISSION CHAIRPERSON TO: Policy, Finance, and Personnel Committee

RELATING TO: Award of Contract P-2694 to Purchase Water Quality and Flow Monitoring Replacement Parts and Equipment

SUMMARY:

The Commission is requested to authorize and to direct the Executive Director to award Contract P-2694, Purchase of Replacement Parts for Xylem/YSI Water Quality Monitoring Equipment and Teledyne Isco Flow Monitoring Equipment, with Mulcahy Shaw Water, Inc., in an amount not to exceed \$660,000.

These brands of monitoring equipment are the industry standard and are installed in the District's permanent and portable monitoring systems. This will be a multi-year (through 2018) contract to provide replacement parts and equipment as needed in support of current monitoring programs. Mulcahy Shaw Water, Inc., is the sole regional representative of both the Xylem/YSI and Teledyne Isco equipment.

This contract is advantageous to the District since this will allow the District to secure a more favorable discount from list prices, ensure equipment is available to maintain the required level of service to support the programs mentioned, and reduce the administrative burden of purchasing this equipment discreetly.

ATTACHMENTS: **BACKGROUND** ☒ **KEY ISSUES** ☐ **RESOLUTION** ☒
FISCAL NOTE ☒ **S/W/MBE** ☒ **OTHER** ☐ _____

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COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

BACKGROUND

Award of Contract P-2694 to Purchase Water Quality and Flow Monitoring Replacement Parts and Equipment

The District's Water Quality Protection Division operates and maintains a variety of field monitoring equipment and systems. This includes a network of continuous water quality monitoring stations and monitoring equipment used to conduct surface water quality surveys in accordance with the District's Wisconsin Pollution Discharge Elimination Permit and to monitor flow of the conveyance system and as a vital part of the District's Industrial Waste Pretreatment Program.

Xylem/YSI water quality monitoring equipment is used for the continuous water quality monitoring stations and freshwater resources monitoring program. Anticipated equipment needs consist primarily of replacement sensors.

Teledyne Isco flow monitoring equipment is used by the District's field monitoring department to provide ongoing support of the District's Industrial Waste Pretreatment and Portable Flow Monitoring Programs and permanent flow monitoring network, which directly supports the Wet Weather Peak Flow Management Program. Anticipated equipment needs consist of replacement flow meters, sensors, power sources, and communication-related parts.

These purchases are necessary to replace equipment that has reached the end of its useful life and provide a continued adequate level of support to required programs. Mulcahy Shaw Water, Inc., is the sole regional representative of both the Xylem/YSI and Teledyne Isco equipment.

All items purchased through this contract will be on an as-needed basis. The proposed contract with Mulcahy Shaw Water, Inc., would provide the purchase of equipment necessary to support the following programs for the next two years:

MMSD Program	Estimated Equipment Cost
Portable Flow Monitoring	\$213,000
Industrial Waste Pretreatment	\$32,000
Wet Weather Peak Flow Program	\$300,000
Continuous Water Quality Monitoring Stations	\$78,000
Freshwater Resources Monitoring	\$37,000
Total	\$660,000

Because of the duration and size of the contract, Mulcahy Shaw Water, Inc., will include a 15% (off-list) discount for Teledyne Isco equipment and a 5% (off-list) discount for Xylem/YSI equipment.

This contract is intended to cover purchases from the time of the agreement, anticipated in January 2017, through the calendar year of 2018.

RESOLUTION

Award of Contract P-2694 to Purchase Water Quality and Flow Monitoring Replacement Parts and Equipment

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized and directed to negotiate and execute on behalf of the District Contract P-2694, Purchase of Replacement Parts for Xylem/YSI Water Quality Monitoring Equipment and Teledyne Isco Flow Monitoring Equipment, with Mulcahy Shaw Water, Inc., in an amount not to exceed \$660,000.