

Agenda Item: Consider approval of ultrasonic flow meter purchase

Objective: Seek Board approval for purchase of ultrasonic flow meters for \$63,440.00.

Background: The District’s fourteen ultrasonic flow meters are no longer supported by the manufacturer. Staff has experienced an increase in problems and incidents with these meters, power supplies and boards. These flow meters are scheduled to be replaced over the course of four fiscal years, including 2019. Ultrasonic flow meters are relied upon for their accuracy in billing and chemical feed. Each flow meter consists of a console and multiple transducers. Transducers have a longer service life than consoles, and are typically compatible with multiple consoles.

Staff identified the following meters to be replaced in fiscal year 2019:

- 72” Murray Hydro Plant Tailrace (Little Cottonwood Conduit)
- 48” Little Cottonwood Creek Intake
- 84” Salt Lake Aqueduct / Deer Creek Raw Water Influent

Proposals from four ultrasonic flow meter suppliers (3 different manufacturers) were considered by a four-member selection committee in accordance with six weighted criteria. Flow Meter Services was selected as the preferred manufacturer/vendor. Flow Meter Services provides the following pricing for the three flowmeters in the table below.

	DESCRIPTION	UNIT	QTY	PRICE
1	Flowmeter Console (LEFM 880 G3)	\$13,500	3	\$40,500
2	CPVC 500kHz Feedthrough Transducers – Inner Path	\$980	4	\$3,920
3	CPVC 500kHz Feedthrough Transducers – Outer Path	\$980	4	\$3,920
4	Installation Services	\$14,800	1	\$14,800
5	Shipping	\$300	1	\$300
	Total Equipment			\$63,440

Committee Activity: This item has not been discussed with the Engineering Committee.

Recommendation: Staff recommends award of \$63,440.00 to Flow Meter Services for ultrasonic flow meters including consoles, transducers, installation and shipping. FY2019 budget for this procurement is \$64,000.