



WEST DES MOINES WATER WORK BOARD OF TRUSTEES MEETING COMMUNICATION

DATE: December 17, 2018

ITEM:

- 7. Recommendations from Staff
 - c. Motion – Approving Purchase of Utility Locator Device

FINANCIAL IMPACT:

\$5,975.00 was included in Water Distribution – Minor Equipment section of the 2019 budget (19700-051) for the replacement of a utility locating device.

SUMMARY:

Staff is proposing to purchase a new utility locating device, Radiodetection RD7100DL with Tx-10 transmitter. These units are sold through one licensed vendor in the state. In 2016, the Water Works purchased a RD7100DL and a RD8100PDL. At that time the third locating device was not upgraded.

Iowa One Call locate tickets continue to increase in volume requiring the Water Works Engineering Technicians to devote a significant amount of their work day to locating. Year to date locate tickets surpassed 2016 and 2017 totals in October 2018.

The existing unit will be retained as a backup unit.

BACKGROUND:

West Des Moines Water Works participates in the Iowa One Call system. The goal of the Iowa One Call system is to reduce damage to buried infrastructure. Excavators are required to contact the Iowa One Call system prior to performing any excavation. Water Works subsequently responds to these tickets to mark the location of our infrastructure.

The Water Works maintains three utility locator devices to aid staff in locating the buried water infrastructure throughout the city. The existing units, has exceeded its useful life and needs to be replaced.

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

To concur with the recommendation of Staff and approve the request to purchase a utility locator device.

Prepared by:

William McLean

Approved for Content by:

Wilson

QUOTE 20521

Valid Till 02/28/2019
Sales Person Ryan Leisure
Phone 515-266-5184
Email rleisure@utilityequipmentco.com

Item & Description	List Price	Qty	Total
RX DL Radiodetection RD7100DL Receiver with: - 512Hz, 640Hz, 8kHz, 33kHz, 65kHz, Power, Radio, & CPS frequencies - 512Hz, 640Hz, 8kHz, 33kHz Sonde frequencies - Guidance Mode, Peak Mode, Null Mode & Peak Plus - Auto digital depth with over 50ft range, Directional compass, Current measurement - Dynamic Overload Protection auto-filtering - USB port for free updates, - Enhanced Self Test, eCal calibration - 3 Year Warranty after registration - much more	\$1,968.00	1	\$1,968.00
TX10 Transmitter Tx-10 (10 Watt) transmitter - 20+ Active Frequencies, 8 Induction frequencies - 10 Watt of power & 90V capacity - LCD backlit display with battery & Volt-Ohm meter - Direct connect cables, ground rod, 30ft jumper cable, earth magnet - 3 year warranty after registration	\$2,645.00	1	\$2,645.00
LOCATOR BAG Soft Carry Bag with pockets, paint can holders, shoulder strap and 1 year warranty	\$170.00	1	\$170.00
TX BATT PACK (AC/DC Charger) Li-Ion rechargeable transmitter battery full kit (Includes mains and automotive charger)	\$653.00	1	\$653.00
RX-MABATPACK-LION-K Li-Ion rechargeable battery for RD7100/RD8100 series receivers with AC & DC charger	\$539.00	1	\$539.00

Contact me if you have questions

Sub Total \$5,975.00

Tax \$0.00 Not Configured

Grand Total \$5,975.00