

TO: MAYOR AND CITY COUNCIL

FROM: Neil Jensen, City Administrator

SUBJECT: Utility Locator

MEETING DATE: June 6, 2023

BACKGROUND

The Public Works Department had one of its locator sent in for repairs and received a quote for the repairs of the receiver of \$2,448.75. Public Works has been trying to receive a match grant from OAHA the past year to upgrade one of our locators to a Survey Grade GPS locator but have been unsuccessful.

This locator is capable of locating city assets and putting the coordinates into a city operated mapping system. The cost is \$55 a month for unlimited users and the amount of access can be set up for each user. This locator will help city staff correctly and efficiently locate important city assets. This will keep all information in one place not on multiple maps, tie cards and in multiple buildings. The current transmitter is compatible with the new receiver and still in good working condition so there is no need to purchase the transmitter.

Public works staff will locate all water services, gate valves, manholes, hydrants, etc. when they are out flushing hydrants or cleaning sewer lines.

We would like approval to purchase to the new receiver, carrying bag, and the 2yr data package through T-Mobile for a total of \$9,600.00 from Utility Logic pending recommendation from Public Works Commission.

STAFF RECOMMENDATION

Please make a motion to approve the Utility Logic Locator for a cost of \$9,600.00 including shipping.

REQUESTED COUNCIL ACTION

Please make a motion to approve the Utility Logic Locator for a cost of \$9,600.00 including shipping.



Quote

PO Box 783, Rogers, MN 55374
Ph 877-544-2700 Fax 612-930-0930

Date	Quote #
4/13/23	12806

Name / Address
City of Cannon Falls Wes Anway 918 River Rd Cannon Falls, MN 55009 msandeen@cannonfallsmn.gov

Ship To
City of Cannon Falls Ted Hartgers 507-263-9300 825 Cannon River Ave Cannon Falls, MN 55009

Terms	FOB
Net 30	Warehouse

Item	Description	Qty	Price Each	Total
1.226.01.00026	RTK KIT - vLoc3 RTK Pro Rx, 5 Watt Li-Ion Tx Vivax-Metrotech vLoc3 RTK-Pro Rx - Brings GNSS accuracy to a utility locator. Using the RTK-Pro internal cellular module with 4G LTE capabilities, the operator has the ability to connect to NTRIP RTK (Real-Time Kinematic) caster that provides RTCM 3 corrections. By utilizing these corrections, the operator can collect both utility location data along with the geographical location of the utility with survey-grade accuracy.	1	8,820.00	8,820.00
2.219.02.00011	Vivax-Metrotech vLoc3-Transmitter Carry Bag	1	70.00	70.00
1.219.05.00026	Vivax-Metrotech vLoc3 5-Watt Transmitter - Includes: multiple induction and direct connection frequencies ranging from 98Hz to 200kHz, LI-ION battery and charger, Direct connect lead, Ground stake and Mini-USB cable.		1,975.00	1,975.00
1.222.04.00001	Vivax-Metrotech 5" Clamp w/SpeakOn (Blue Plug) Tx Connection * Voice and Data (minimum 2GB) Plan is required for use with RTK receiver. You may purchase your own cellular nano sim card from your AT&T or T-Mobile wireless service provider OR optionally purchase the nano sim card and cellular service directly from UtilityLogic.		480.00	480.00
1YRDP	Optional pricing is as follows: 1 Year data plan & IOT sim card or	1	245.00	245.00
2YRDP	2 Year data plan & IOT sim card	1	490.00	490.00
SHIPPING03	Shipping, Insurance & Configuration - RTK Training and technical support provided for the life of the product with this purchase. Sales Tax Exempt	1	220.00	220.00
			0.00%	0.00

Thank you for your business. Quote pricing is valid for 30 days.

ATTENTION: Our mailing address has recently changed to PO Box 783, Rogers MN 55374. Please update your records