

**Committee:** Public Works, Environmental Services & Facilities

**Date:** February 18<sup>th</sup>, 2020

**Department:** Operations

**Topic:** Public Works Diesel Fuel Card-Lock System

**Background:** The Township currently has an agreement with Ultramar Canada to supply Fleet diesel fuel to both Pittston and Cardinal Public Works locations.

Ultramar has given notice that they intend to replace both location's storage tanks with modern tanks that include level sensors and warning alarms. The new monitors will remotely provide tank levels through the internet allowing them to make more efficient fuel deliveries and reduce the risk of the Township Fleet running out of fuel.

Staff have followed up and inquired if the new tanks could include a Card-Lock system. A Card-Lock system would enable Staff to more closely monitor individual vehicle fuel consumption and possibly identify vehicles that may have performance issues, (ie. a bad injector etc.). Ultramar has responded and recommended the CUBE MC Card-Lock system. This unit will record the number of liters pumped by each unit by date and session each day. It has an additional feature that will record the unit's odometer reading after being manually entered by the operator. Staff will obtain the ability to download the information via internet. The Card-Lock system will enable staff to closely monitor and log fuel costs, mileage, inventory and possibly provide the ability to link to Citywide and generate reports.

**Policy Implications:** The procurement policy requires all expenditures with a value over \$5,000.00 and below \$20,000.00 to have a written quotation when possible. Quotation attached.

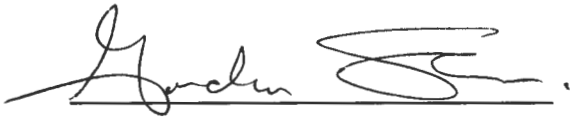
**Financial Considerations:** Ultramar has provided two financial options:

- 1) **Purchase outright** – The cost to purchase has be quoted at approximately \$5500.00 per site for a total of \$11,000.00 + non-rebated HST. The Township would then own the units and maintain possession should a new fuel provider be secured in the future.

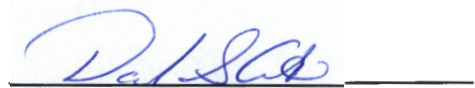
2) **Lease with additional cost to fuel-** The second option available would be to lease the units and apply the cost as an addition to fuel on a cost/liter basis. Ultramar would maintain ownership of the units and they would be removed with the tanks should a new supplier be secured in the future.

3) Service for the CUBE MC Card-Lock system is out of Kingston and Belleville. There are currently 25 of these units installed in Eastern Ontario.

**Recommendation:** Staff recommends that Council purchase the units outright at a cost of \$11,000.00 + non-rebated HST and maintain ownership of the Card-Lock system utilizing funds from the Township's Modernization Fund.



Director of Operations



CAO



DISPENSERS



FUEL KITS



PUMPS



METERS



NOZZLE



FILTRATION

# CUBE MC

## FEATURES

- MULTI-USER MANAGEMENT
- ALL-IN-ONE EQUIPMENT
- COMPACT DESIGN
- COMPATIBLE WITH SSM 2018 SOFTWARE
- SUCTION FILTER
- IP55 PROTECTION RATING

The PIUSI CUBE MC is the upgraded version of the world famous Cube dispenser equipped with an electronic panel able to manage up to 120 users and 255 transactions. The sturdy structure includes a self-priming vane pump, built-in bypass, automatic nozzle, and integrated nozzle holder with start/stop pump lever.

## PERFORMANCE

UP TO  
**18 GPM**

FLOW RATE

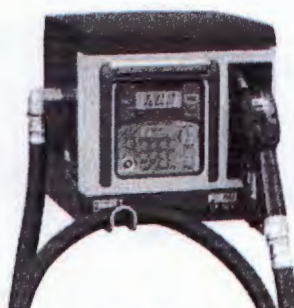
**AC**  
VOLTAGE  
POWER

**± 0.5%**

ACCURACY

UP TO  
**120**

USERS



CUBE 70 MC



CUBE 70 MC WITH PEDESTAL (optional)

## PACKAGING

PART #	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	X	
FO059423C	75	55	381X381X482	15X15X19	1	12	24



2 Gurdwara Rd., Ste. #400  
Ottawa Ontario K2E 1A2  
contact: Kevin Casselman  
Phone# 613-930-3025

# Quotation

DATE 2/13/2020

Quotation For:

Quotation valid until: 3/14/2020

Prepared by: Kevin Casselman

Edwardsburg / Cardinal Township  
18 Center Street  
Cardinal

Comments or Special Instructions:

**Locations #1 Public Works Dishaw Street Cardinal -**

**Location #2 Public Works Pittson Yard**

SALESPERSON	P.O. NUMBER	SHIP DATE	SHIP VIA	F.O.B. POINT	TERMS
Kevin Casselman					Due on receipt

QUANTITY	DESCRIPTION	UNIT PRICE	TAXABLE?	AMOUNT
	Location #1 Public Works Yard Cardinal			
2	MCBOX 1.5	1,665.00		3,330.00
1	Soft Ware SSM 90	715.00		715.00
1	Key Reader Kit MCBOX	130.00		130.00
2	Manager Key MCBOX	75.00		150.00
2	Pedestals MCBOX	250.00		500.00
2	Pulsers K24	200.00		400.00
1	Shipping	275.00		275.00
	Location #2 Public Works Yard Pittson			
2	MCBOX 1.5	1,665.00		3,330.00
1	Soft Ware SSM 90	715.00		715.00
1	Key Reader Kit MCBOX	130.00		130.00
2	Manager Key MCBOX	75.00		150.00
2	Pedestals MCBOX	250.00		500.00
2	Pulsers K24	200.00		400.00
1	Shipping	275.00		275.00
SUBTOTAL				\$ 11,000.00
TAX RATE				13.00%

QUANTITY	DESCRIPTION	UNIT PRICE	TAXABLE?	AMOUNT
			SALES TAX	284.70
			OTHER	-
			TOTAL	\$ 11,284.70

If you have any questions concerning this quotation,  
Please contact Kevin Casselman 613-930-3025 [kevin.casselman@parkland.ca](mailto:kevin.casselman@parkland.ca)

**THANK YOU FOR YOUR BUSINESS!**