



Haldimand County Fire Department Station #1 Caledonia

Business Case Proposal to purchase Emergency Response UTV and Trailer

Date: December, 2017

Executive Summary

Based on the continued growth of the Caledonia Area and the recreational trail systems (existing and proposed) The Caledonia Firefighters Association are proposing to purchase an UTV and trailer. This business case is written to upper management and council as the County would assume the maintenance of said equipment following the purchase by the Association.

The decision to acquire a vehicle like this has not been taken lightly. After much review the Association has decided to pursue this purchase as we feel that the UTV will allow us to offer the community improved services to remote areas for assisting medial calls, fighting grass fires or providing mutual aid to other Haldimand county Stations. We are also encouraged by the successful utilization of the Hagersville UTV.

It is expected that the initial cost of the UTV and the trailer will be approximately \$35,000. The association will utilize some of the funds they currently have available and they will also look for local donations and sponsorships to cover the initial purchase cost of the equipment. The ongoing carrying cost would be approximately \$500.00 per year (Insurance and maintenance).

The association would like to proceed with this purchase as soon as possible. We would begin the fundraising efforts as soon as we have approval from Fire Department Management and Council.

The Justification:

Haldimand County currently has a number of trail systems, and remote farm land that is not typically accessible using conventional Firefighting apparatus.

Some of the existing trails include:

Trail/Pathway	Location	Description
Thistlemoor Park Pathway	Caledonia	Within the limits of Thistlemoor Park in the south end of Caledonia.
Kinsmen Park Walkway	Caledonia	Paved and lit throughout Kinsmen Park on the north side of the Grand River.
Patterson Walkway	Caledonia	Paved and lit on the east side of Argyle Street between the Grand River and Forfar Street.
Ramsay Walkway	Caledonia	Paved and lit trail on the west side of Argyle Street between the Grand River and Forfar Street destined for the Caledonia Old Mill.
Rotary Riverside Trail	Caledonia to York	Designated as part of the Trans Canada Trail System, this trail is approximately six kilometres of scenic Grand River country, which is suitable for nature walks, hiking and cycling.
Chippewa Trail	Caledonia	A natural trail walk/run/cycle. Approximately 2.7 km and runs from Haldibrook Rd., south to Unity Rd. where it crosses and proceeds further south to Haldimand Rd. #66. Roadside parking. Connects to Chippewa Trail to Hamilton.

This additional resource would also support the Haldimand County Trails Master Plan and Partnership Framework Study that shows continued growth of the trail systems around the County.

The addition of a UTV to Station #1 would allow us to respond to incidents in these remote locations much more efficiently. The vehicle would also be available for use in mutual aid situations for stations within the department that do not have access to this type of equipment.

The Purchase Cost

Attached are a couple quotes for equipment similar to what we will be looking at for the purchase. These quotes are a few years old but would be representative of the type of equipment we would be looking to include on the unit.

RTV1140

24.8 HP

With the new transformable 24.8 Hp Kubota RTV1140CPX, you can have both industry-leading cargo capacity and comfortable seating for up to four adults. When hauling cargo is the job, the RTV1140CPX's standard hydrostatic power steering, heavy-duty VHT PLUS transmission and large, hydraulic dumping cargo bed make work easy. When carrying friends, family or coworkers is the task, just reduce the bed size to add a second row of seating. An innovative 3-step conversion does the trick.

• RTV1140



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| | \$ 59.99 |
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| | \$399.99 |

RKO Utility Fire Rescue Slip in Unit

\$9629.99

Part #RK196214

95 gallon (359.6L) Copolymer tank w/5 gallon (18.9L) integral foam tank cell

RKO Quick quench foam system

Darely/Davey high performance pump system

Hannay hose reel with 70' ¾" red booster hose

12-25 GPM forestry nozzle

Grote work light

Watertight wiring system
Custom stretcher system no basket required

Similar to picture below



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POLARIS RANGER
6 X 6 Fire Rescue
COMPLETE, Red**

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Take the guess work out with this RKO Polaris 6x6 Fire Rescue unit. This deluxe unit comes complete and ready to respond with all the features you want and need. When quality and dependability matters, choose RKO.

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- 120 gallon water, with integral 5 gallon foam cell copolymer tank system with Lifetime Warranty
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- Davey pump system capable of drafting up to 19 feet
- 12v electric primer pump
- RKO Custom Aluminum Bed System with Grote LED marker and stop lights, powder coat wrinkle or gloss finish on bed
- Junkin JSA200 Stokes Basket with (4) holding straps rated at 1000 # each
- RKO Full Flow Stainless Steel Piping with Lifetime Warranty
- RKO Watertight Wiring System
- Hannay manual rewind hose reel to include 70' of 3/4" Goodyear Red 800psi booster hose with TFT Twister Nozzle
- 2 Grote LED Whitelight works lights mounted aft on ROPS system, RKO discharge pressure gauge
- Whelen 100 watt siren/PA system and (8) Whelen Veriex Surge Red emergency flashing lights

A.) WITH THE 5.5 HP HONDA MANUAL REWIND ENGINE ON PUMP
B.) WITH THE 10 HP BRIGGS & STRATTON ELEC. START WITH RECOIL BACK UP ENGINE ON PUMP
C.) WITH THE 9 HP HONDA ELEC. START WITH RECOIL BACK UP ENGINE ON PUMP

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Conclusion

In closing, the addition of a UTV and trailer would be a significant enhancement to the services currently provided by the Haldimand County Fire Service at a very reasonable expense to the county. The unit could also be utilized to assist other first response organizations in the area (Haldimand EMS, and the OPP). The vehicle will have multiple uses and will provide better services to the residents and visitors to Haldimand County.