



# AGENDA

## Special Meeting of Council of the City of Kenora

Tuesday, November 7, 2017  
10:30 a.m.  
City Hall Council Chambers

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### 1. Call to Order

### 2. Public Information Notices

As required under Notice By-law #144-2007, the public is advised of Council's intention to adopt the following at today's meeting:

- To approve a 2018 Capital Budget allocation for the purchase of an aerial platform apparatus, funded through an appropriation from the Fire Apparatus Reserves and debt financing through The Kenora Citizen's Prosperity Trust Fund.
- To support the 2018 Capital Budget item of a 2017 Eldorado transit bus in the amount of \$496,212.70, plus applicable taxes, to be purchased with the use of Dedicated Gas Tax funds.

### 3. Declaration of Pecuniary Interest and the General Nature Thereof

The Deputy Mayor will ask if any Member of Council has any Declarations of Pecuniary Interest and the General Nature Thereof pertaining to any items as follows:

- i) On today's agenda or from a previous meeting;
- ii) From a meeting at which a Member was not in Attendance

### 4. Presentations/Deputations

### 5. Special Items

- Ariel platform apparatus truck purchase
- Conventional transit bus purchase

### 6. Adjournment

#### Information on Voting by Mayor & Council under The Municipal Act, 2001

**243.** Except as otherwise provided, **every member** of a council shall have **one** vote;

**245.** Any question on which there is a **tie vote shall be deemed to be lost**, except where otherwise provided by any Act;

**246. (1)** If a member present at a meeting at the time of a vote requests immediately before or after the taking of the vote that the vote be recorded, each member present, except a member who is disqualified from voting by any Act, shall announce his or her vote openly and the clerk shall record each vote;

**(2)** A **failure to vote** under subsection (1) by a member who is present at the meeting at the time of the vote and who is qualified to vote shall be **deemed to be a negative vote**.



November 1, 2017

## City Council Committee Report

**To: Mayor & Council**

**Fr: Todd Skene, Fire & Emergency Services Manager**

**Re: Aerial Ladder Replacement**

### **Recommendation:**

That Council hereby approves the purchase of a refurbished 2017 Sutphin Aerial Platform Apparatus in the amount of \$1,137,562 plus applicable taxes; and further

That in accordance with Notice By-law Number 144-2007, public notice is hereby given that Council intends to approve a 2018 Capital Budget allocation for the purchase of an aerial platform apparatus, funded through an appropriation from the Fire Apparatus Reserves and debt financing through The Kenora Citizen's Prosperity Trust Fund.

### **Background:**

During the September Council meeting, Council gave direction to the Fire and Emergency Services Manager to go forward and research the replacement options and costs for the replacement of the current 1995 aerial ladder truck. The 1995 Quint ladder, currently in service, cannot be relied upon to be operational during emergency events. Recent replacement of gear motors for the monitor nozzle located at the end of the ladder did not repair the movement issues with the nozzle and cost \$6,300 for parts alone.

The Aerial apparatus is one of the most important devices in a fire departments fleet as it is used to for establishing a high angle accurate "master stream" for any structures that exceed two storeys. Aerial apparatus are routinely used on all major fires in controlling the extent of fire loss to a building or series of buildings. The device is also able to provide for "lifesaving rescues" for any buildings that exceed two stories, although it this should be considered an ancillary use as the device it is not regularly used in this manner.

Research and discussions with other similar fire departments that the best apparatus suited for the City would be an aerial platform ranging from 90 to 105 feet in length. This is mainly due to the height of the buildings in the City, of which 17 are 4 stories or greater, as well as for firefighter safety. The current aerial ladder is 75 feet.

Currently in Northwestern Ontario the following municipalities have aerial ladder trucks: Sioux Lookout, Fort Francis and Dryden. Thunder Bay has two platform aerial platform devices for deployment in their area.

As directed, the writer has researched various options with regards to the aerial unit, resulting in the following:

- 1) The purchase of a qualified and suitable used apparatus. The City purchased its current aerial unit in this manner. Availability is subject to units being sold on the secondary market. Used trucks are available from the United States, however due diligence must be taken to ensure that the appropriate changes can be made to the older apparatus to ensure they can be converted to meet Canadian standards. Generally, the smaller Northern Ontario municipalities that have aerial units have purchased those units in this manner.
- 2) The average new replacement cost for a similar aerial ladder device ranges from \$900,000 to \$1,250,000, with the higher end of the range representing aerial platforms. These prices generally increase by approximately 3 – 4% annually.

**Pierce – Darch Fire - Stock Trucks New**

Stock# 31452 – 75' Aerial Ladder (Single Axle)	\$ 991,000
Stock# 30446 – 107' Aerial Ladder (Single Axle)	\$ 1,015,000
Stock# 28883 – 100' Rear Mount Platform (Tandem Axle)	\$ 1,249,000

- 3) Demonstration Units. Several demonstration units are available from suppliers and will require upgrades to be suitable for Northern Ontario climates. This will add additional cost of between 5 -7%

**Rosenbauer Demo plus 5 -7 % for upgrades**

1) Rosenbauer "COBRA" 101 Foot Platform:	\$ 1,185,000
2) Rosenbauer "VIPER" Rear Mount 109 Foot Aerial Ladder:	\$ 1,033,000
3) Rosenbauer "VIPER" Mid Mount 75 Foot Aerial Ladder:	\$ 1,130,500

**E-One Demo**

HP 75 – Aerial Ladder Demo	\$ 930,000
HP 78 – Aerial Ladder Demo	\$ 942,000

- 4) Certified Refurbished Aerial Device - These apparatus are fully warranted as new apparatus. Sutphen Fire is the only company that refurbishes fire trucks for resale and receives a suitable rebuild approximately every two years. This is based on their strict rules as they only buy back Sutphen aerials that they know will fill their client's needs. They are required to know the overall condition of that aerial and only purchase back Sutphen aerials which they have previously sold. All Sutphen apparatus are purchased, serviced and warranted through Fort Garry Fire Trucks in Winnipeg, MB.

Currently there is one unit available from Sutphen Fire. The price below includes all upgrades for Canadian standards and northern climates.

**Sutphen Refurbish – 90 Foot Aerial Platform**

Refurbished Cost	\$ 1,137,562
New Replacement Costs	\$ 1,415,098

- 5) Change the existing service levels. Council sets the service levels for the Fire Department, and can determine if a change to the level of protection is warranted. As a result, the aerial unit would not be replaced.

All prices showing are expressed in Canadian dollars, and are before applicable taxes.

### **Recommended Option**

Option 4, the purchase of a refurbished aerial platform is the recommended option. This option fits the current and future needs for the City of Kenora. The purchase, delivery, serving and warranty will through Fort Garry Fire Trucks, who is a proven reputable supplier located within 2 hours of the City of Kenora.

### **Sutphin Funding**

Refurbished Cost		\$ 1,137,562
2017 Fire Apparatus Reserves	\$ 509,600	
Additional Debt Financing	\$ 627,962	

Debt financing would be done through the Kenora Citizen's Prosperity Trust Fund at rate of 3% interest. The City currently places \$141,000 into fire apparatus reserves annually. These funds could be used to pay off the related debt over an approximately five year period. Based on the current allocation in the City's budget, at the end of this five year period, the City would have no reserves for fire apparatus. All other purchases of fire apparatus would be deferred for a minimum of 7 years as a result of this purchase. Further review of the fire reserves and annual reserve contribution would be included in the 2018 operating budget deliberations.

The City's replacement plan for fire apparatus is based on a 25 year life cycle. The current aerial ladder was planned to provide for at least 10 years of service before being considered for replacement in (2022). Based on initial planning, this apparatus was forecasted to be replaced in 2026. Given the current mechanical condition, repairs and constant failures during weekly inspections, the apparatus has proven to be unreliable and will eventually fail to operate during a crucial emergency incident. Pursuing an earlier replacement is recommended.

### **Risk Analysis:**

As per the City's ERM Policy, staff has identified a high operational risk based on the potential for breakdown during an emergency.

There is a critical Liability risk if there is a delay in this project. It is the writer's opinion that the City is at risk and is exposed, as we do not have a reliable capacity establish a "master stream" for any structure that is three stories or greater. The potential to provide "lifesaving rescues" for any buildings that exceed two stories is a further consideration.

There is a moderate financial risk with associated with the preferred option, additional financing is through the Kenora Prosperity Trust Fund at 3% therefore paying interest to the Fund. Given the amortization over a 25 year replacement period the cost would be approximately \$45,000 per year.

### **Budget:**

A request has been submitted to the 2018 Capital budget process for the acquisition of the aerial ladder truck.

**Strategic Plan or other Guiding Document:**

Aligns with the City of Kenora's Values contained within Strategic Plan 2015-2020, specifically, "we strive for continuous service improvements through innovation, leadership and best practices; we consider community, public and workplace safety in every decision we make; and we are committed stewards of the land and lakes that enrich our lives."

Aligns with the City of Kenora's Goals and Corporate Actions:

**Infrastructure**

#2-1 The City will ensure that our municipal infrastructure is maintained using available resources with the intent of moving towards all City infrastructure being in a good state of repair to ensure certainty, security and long-term stability of our systems. Replacement of this apparatus will ensure that the City has an aerial apparatus that is in good repair and can support firefighting efforts when required.

Customer Service, #2-3, The City will ensure prompt and immediate response times supported by resilient communications in the event of a system outage or other emergencies. This replacement will ensure reliability during serious emergency operations, reduce loss from fire and enhance both public and firefighter safety.

Learning and Development # 3-11 The City will forge strong relationships with neighbouring communities and area municipalities by City staff, particular those that help ensure tight co-ordination of emergency response situations, disaster relief efforts and clear communication protocols between the City of Kenora, The Ontario Provincial Police, and neighbouring communities. The support of an aerial apparatus in the City of Kenora will enhance our relationships with mutual aid partners and will bring confidence in the KFES delivering an effective fire response program.



October 23, 2017

## City Council Committee Report

**To: Mayor and Council**

**Fr: Charlotte Edie, Treasurer & Mike Mostow, Fleet Lead**

**Re: 2018 Transit Bus Purchase**

### **Recommendation:**

That Council hereby approves the purchase of a 2017 Eldorado transit bus in the amount of \$496,212.70, plus applicable taxes, to be funded through Dedicated Gas Tax Funds for a 2018 delivery date; and further

That in accordance with Notice By-law Number 144-2007, public notice is hereby given that Council intends to support the 2018 Capital Budget item of a 2017 Eldorado transit bus in the amount of \$496,212.70, plus applicable taxes, to be purchased with the use of Dedicated Gas Tax funds.

### **Background:**

The City purchases a new transit bus every 5 years and retires the oldest bus. The next planned bus purchase is in 2018. Although the purchase has been submitted as part of the 2018 capital budget the purchase order must be sent to the supplier now because of the significant lead time required. The bus manufacturer requires a year's notice for final delivery date.

The City has used City View Bus Sales & Service Ltd. as it is the only supplier that manufactures the buses that the City requires.

### **Budget:**

The entire purchase will be coming out of the Dedicated Gas Tax Fund.

### **Communication Plan/Notice By-law Requirements:**

Distribution: J. Hawley, M. Mostow, C. Edie

### **Strategic Plan or Other Guiding Document:**

5 Year Bus replacement schedule.