

NO: R159

COUNCIL DATE: **July 27, 2015**

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## REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **July 9, 2015**

FROM: **General Manager, Finance & Technology**

FILE: **1075-01**

SUBJECT: **Esri Enterprise License Agreement**

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## RECOMMENDATION

The Finance & Technology Department recommends that Council:

1. Approve the renewal of the Enterprise License Agreement (ELA) for three (3) years effective July 1, 2015, with Esri Canada to provision software licensing for the City's mapping systems including COSMOS and Cityworks in the amount of \$1,065,120 including GST and PST; and
2. Set the expenditure authorization limit for Esri Canada at a total cost of up to \$1,065,120 including GST and PST.

## BACKGROUND

In 2009, the City entered into an ELA for the licensing of Esri Canada's mapping software that provides the foundation technology for the City's sophisticated COSMOS mapping system, Cityworks Asset and Work Management system, and many other City applications where mapping is embedded, including the Sustainability Dashboard.

Esri Canada is the sole source supplier who provides the software license directly and is the only supplier of the Esri ELA.

## DISCUSSION

ESRI Canada provides the foundation Geographic Information System (GIS) software that powers corporate mapping systems such as COSMOS and the City's asset and work management system, Cityworks, among others. GIS software provided by ESRI Canada (vendor) is heavily entrenched in all mapping solutions and services provided by the City. Alternatives to ESRI Canada are available, but would require significant effort and cost to change at this time. However, it is possible the number of licences required may reduce over the next few years as alternative web mapping technologies continue to evolve. These developments might help drive the cost for ESRI Canada based GIS lower over time.

Typically, GIS software licences are charged based on the number of installations of the software on staff computers and on the back-end servers used for development, testing and production of core GIS services. In mature organizations, the number of staff using GIS software grows to a point where purchasing individual licences becomes cost prohibitive. ESRI Canada offers an Enterprise License which allows the City to consume as many licenses as required at a fixed cost.

Currently, the City has GIS installed on:

- 8 Production Servers
- 10 Development and Testing Servers
- 136 Desktop Computers

Additionally, over 400 City staff use a web based Cityworks implementation which also requires GIS software.

Individual licensing costs to support this number of installations has been calculated to an estimated 85% more than the proposed annual fixed price available through the ELA. In addition, the ELA includes added benefits of \$14,000 of free GIS training for staff, and free entry to a number of GIS conferences.

The ESRI ELA provides the City with an economical and flexible approach to managing and deploying Esri software licences and solutions.. Funding is available within the Corporate Information Technology Capital Program to support the recommendation of this report.

## CONCLUSION

Based on the above discussion, it is recommended that Council:

- Authorize staff to renew the City's Enterprise License Agreement with Esri Canada, and
- Set the expenditure authorization limit for Esri Canada in the amount of \$1,065,120 including GST and PST.

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