

THE REGIONAL MUNICIPALITY OF YORK
POLICE SERVICES BOARD

REPORT OF THE CHIEF OF POLICE

26 NOVEMBER 2008

**Sole Source Acquisition of i2 Intelligence Analysis
Database System**

RECOMMENDATIONS

1. That the Board authorize the acquisition of an i2 client/server based Intelligence Analysis application as a sole source purchase pursuant to the available Provincial Guns & Gangs grant funding at a value not to exceed \$124,934, inclusive of PST; and
2. That the Chief be authorized to execute the contract with i2 Incorporated, subject to approval of the Region's Legal Services as to form and content.

SYNOPSIS

i2 Incorporated currently supplies York Regional Police with the i2 Intelligence Analysis software. The i2 client/server based software is compatible with our existing equipment and as the developer of the application, i2 is the only firm authorized and capable of supplying the integrated client/server upgrade.

This software assists York Regional Police Crime Analysts in identifying crime trends and thereby assists us in preventing and solving crime. The upgraded software will augment our current use of i2 Intelligence Analysis standalone software to permit the sharing of data across Districts, as well as the ability to mine data from our other internal applications and the internet.

FINANCIAL IMPLICATIONS

The acquisition of this software is totally funded under the \$125,000 Provincial grant which is part of the York Region Against Gangs and Guns Strategy (YRAGG). However, in order to comply with Purchasing By-Law, #11-06 section 9.3, sole source purchases of goods in excess of \$100,000 require prior approval from the Board.

BACKGROUND

i2 Incorporated currently supplies York Regional Police with the i2 Intelligence Analysis software. The i2 client/server based software is compatible with our existing equipment and as the developer of the application, i2 is the only firm authorized and capable of supplying the upgrade. No other firm is able to supply the integrated client/server version of the i2 Intelligence Analysis software.

The upgraded software will augment our current use of i2 Intelligence Analysis standalone software to permit the sharing of data across Districts, as well as the ability to mine data from our other internal applications and the internet. It permits complex analysis of data to help identify patterns and connections in disparate data. In utilizing several data sources, it identifies hidden patterns and connections in social networks, telephone and financial records and produces visualized text.

The analysis software will be interfaced with our Versadex Record Management System, the Niche Mug Shot system for tattoos and mug shots, unstructured data from Guns and Gangs Unit as well as data from the internet. The software uncovers and interprets the relationships and patterns hidden in multi-source data conveying findings in intuitive charts. All entities and links in these analytical charts contain details on the information they represent. It transforms large volumes of disparate data into actionable intelligence.

This software includes Analyst's Workstation, Analyst's Notebook 6 and iBase modules for each of the analytical tasks as follows:

Data mining: drill down on data to explore variables that affect crime patterns

Mapping Interface: conduct geospatial analysis to pin point trends including hotspots

Reporting: communicate analytical conclusions with bulletins, charts, maps, graphs and strategic reports

Intelligence Analysis: Supports investigations with timelines, link, network, financial and phone call record analysis

The acquisition of this software is totally funded under the \$125,000 Provincial grant which is part of the York Region Against Gangs and Guns Strategy (YRAGG).

It is recommended that the Board authorize the acquisition of the i2 client/server based Intelligence Analysis application from i2 Incorporated at a total cost of \$124,934, inclusive of PST.

Armand P. La Barge, O.O.M.
Chief of Police

APL:rh