

THE REGIONAL MUNICIPALITY OF YORK
POLICE SERVICES BOARD

REPORT OF THE CHIEF OF POLICE

25 APRIL 2007

**Re: Automated Palm and Fingerprint
Identification System**

RECOMMENDATION:

1. That the Board enter into a contract for the purchase of the Automated Palm and Fingerprint Identification System as presented by Cogent Systems in response to Request for Proposal #P07-01 pursuant to the approved budget for a value not to exceed \$2,100,953.53 CAD inclusive of all applicable taxes; and
2. That the Chair be authorized to execute a contract subsequent to recommendation 1, subject to prior review by York Region Legal Services.

SYNOPSIS:

It is recommended that York Regional Police acquire an Automated Palm and Fingerprint Identification System (APFIS) from Cogent Systems as proposed in their response to the RFP #P07-01. The system currently used is outdated and is no longer compatible with the technology employed by the RCMP.

FINANCIAL IMPLICATIONS:

The 2007 Capital Budget contains funds in the amount of \$2,000,000.00 for this project. In addition to the 2007 Capital Budget, an application was made to the Ministry of the Attorney General under the Civil Remedies for Illicit Activities Grants Program. A grant was approved in the amount of \$300,000.00 towards the purchase of the APFIS equipment and training.

The total negotiated cost of the APFIS Project is as follows:

Hardware	\$ 248,584.59
Software	\$1,119,039.89
Manpower	\$ 336,521.25
Database Conversion	\$ 126,831.12

Furniture	\$ 11,965.20
8% PST	\$ 147,435.36
Sub-Total	\$1,990,377.41
6% GST	\$ 110,576.52
Total Contract Cost	\$2,100,953.93

The agreement with Cogent will not exceed \$2,100,953.93. The first year maintenance is included in the total price of the agreement. Maintenance for year two through to year four is still being negotiated with Cogent Incorporated at the time of this report.

A price comparison was completed on all the proposed hardware for this project and Cogent's price is lower for this purchase. Cogent have offered a one-time discount on all hardware and software for the first purchase.

The total funds available for this project are \$2,300,000.00. Based on this proposed agreement with Cogent (net costs \$1,990,377.41), the Consulting Fees with The Higgins-Hermansen Group, LLC (net costs \$46,665.75), Benchmark and Factory Acceptance Testing (\$15,000.00 estimate), System Interface Costs (\$20,000.00 estimate), and IT Contract Resources (\$95,000.00 estimate), the total expenditures projected to date for this project are \$2,167,042.58.

BACKGROUND:

Since its inception, York Regional Police have had the responsibility of collecting fingerprints from all persons charged criminally. This has been a labour intensive process, utilizing paper and ink. It requires the storage of one copy of the fingerprints at York Regional Police Headquarters and the mailing of a second copy to the RCMP.

In 1991, York Regional Police introduced an Automated Fingerprint Identification System. The AFIS System has been reliant upon databases managed by the Toronto Police Service and the RCMP. As a result, York Regional Police have been bound by the retention and operational rules and subject to the availability of the databases of these two services. This system has the capability of searching fingerprints only and at an accuracy rate that is substantially lower than that of the newer systems now available.

Effective December 31, 2006, Motorola has withdrawn guaranteed support for all AFIS 2000 equipment and software. This equipment is proprietary and is not serviceable by other vendors. Motorola's intention to withdraw this support was made known to all stakeholders in 2005. As a result of this and the need to acquire NPS-NIST compliant technology to stay compatible with the RCMP, a business plan was put forward to support this acquisition. In December of that year, a capital Budget of \$2,000,000.00 for the acquisition of an APFIS was approved by the Police Services Board and Regional Council. In 2005 an application was made to the Attorney General for a \$300,000.00 grant under the Civil Remedies for Illicit Activities Project to help support this acquisition. This grant was approved in December 2006.

The solution submitted by Cogent Systems will work within the York Regional Police environment and meets the requirements as specified in the RFP. This solution will replace the current Motorola AFIS 2000 system. By updating our current technology, York Regional Police will have the capabilities of searching both latent palm and fingerprints, have control of its own data and fully participate with the RCMP Canadian Criminal Real Time Identification Services. In addition, citizens requiring fingerprints for civil application will be processed electronically to the RCMP with results being returned within 72 hours rather than the current five months.

This system is designed to automate the entry of criminal tenprints into the databases and to operate in a virtually paperless environment. The speed and accuracy are significantly increased from that of the legacy system. The system proposed is based on commercial off-the-shelf technology that promotes vendor independence, is fully upgradeable and expandable.

THE RFP PROCESS:

The York Regional Police Purchasing Bureau, on behalf of the Forensic Identification Bureau, released a Request for Proposal for the supply and implementation of an Automated Palm and Fingerprint Identification System solution. The RFP was released on Tuesday, January 16, 2007, and three pre-qualified proponents received the RFP. On the closing date of Thursday, March 1, 2007, Cogent Incorporated was the only submitting Proponent. The Purchasing Bureau received a "Notice of No Bid" on the closing date from the remaining two Proponents, Motorola Incorporated and NEC Corporations Incorporated. The "Notices of No Bid" were submitted as a result of an inability to meet all the required criteria.

The evaluation committee members were as follows:

- Richard Finn, Superintendent, Information Services
- Mike Fleming, Inspector, Investigative Services
- Mark Holland, Financial Services
- Brad Powell, Detective, Forensic Identification Bureau
- Steve Owens, AFIS Technician, Forensic Identification Bureau
- Mark Thompson, IT Specialist, Forensic Identification Bureau
- Kerry Bloxam, Analyst, Information Technology
- Janice Follwell, Purchasing Bureau

The evaluation criteria utilized to score the submissions were divided as follows:

Technical (70 Points)

Qualifications and Experience

- Qualifications of the company and personnel
- Relevant experience on similar projects and experience with emergency response and law enforcement agencies
- References

Project Deliverables

- Responsiveness/Completeness of submission – Quality of the Proposal
- Demonstrated Understanding of the project objectives and the specific deliverables in Statement of Work –
 - Project Management
 - Backfile Conversion
 - Design, Integration, Test,
 - Delivery, Installation, Training, Testing
 - Warranty, Maintenance
- Methodology
- Interview/Presentation

Pricing (30 Points)

Purchasing supplied each evaluator with the Proposal to be evaluated, copy of the RFP, and the Evaluation Form. The evaluators reviewed the documents and completed the Evaluation Form on their own. The Committee met to discuss the results of each members analysis and came to a consensus on the scores. Part of the technical evaluation included an interview with the Proponent. Cogent Systems were provided a full day on March 23, 2007, to present their proposal, demonstrate the equipment proposed, and answer questions. Following the interview, the evaluators completed the technical portion of the Proposal.

Proponents had to receive a minimum score of 70 percent in the technical proposal before opening the price proposal. Cogent received a Technical Score of 81 percent.

Company Name	Technical	Total Price*	Price	Total
Cogent Systems	57/70	\$2,100,953.93	30/30	87/100

* includes annual maintenance cost for hardware and software for the first year.

Although Cogent Systems was the only submission received by York Regional Police, their technical response was very detailed and met the criteria and objectives outlined in the Request for Proposal. Functionality Testing was conducted at Cogent Systems Corporate Headquarters. These tests were conducted by Cogent Engineers and

observed by Detective Brad Powell, Steve Owens, and Mark Thompson of the YRP APFIS Project Team. The RFP Functionality Tests consisted of twenty-six Test Groups, each of which were broken down into multiple components. Cogent passed all Test Groups and answered all questions posed by the APFIS Project Team. The YRP Evaluation Team are confident that Cogent have a full understanding of YRP requirements.

Cogent Incorporated has been in existence for seventeen years, and the company focuses primarily on Biometric Identification Systems. Cogent's primary customers are law enforcement agencies, as well as other public agencies at international, national, state/provincial and municipal levels. Most recent Canadian installations include the RCMP Real Time Identification Program and the City of Montreal Police APFIS. Cogent has no other APFIS installations in Ontario at this time. Considering Cogent's in-depth knowledge and experience with the APFIS Systems and the results of the Evaluation Process, the YRP Evaluation Team are confident that Cogent Incorporated will design, deliver, and install an APFIS System that will meet the requirements of York Regional Police.

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

APL/jf