



CITY COUNCIL ACTION REPORT

August 5, 2008

TO: Phillip L. Nelson, City Manager

FROM: Susan A. Leirstein, Purchasing Director
Charles T. Craft, Chief of Police

SUBJECT: Sole Known Supplier – Cell Phone Forensics Purchase

Background

- Cell phone forensics is a growing field within law enforcement. Most if not all criminals have and use cell phones before, during, and after whatever criminal activity they are involved in. The evidence retrieved from these phones includes contact lists, call logs, text messages, emails, documents, and images that can be used to substantiate a claim of criminal activity.
- The recovery of evidence from cell phones is a very complicated activity that requires specialized training, and specific hardware and software used to retrieve the evidence.
- The department has a certified computer forensic examiner who has taken several classes dealing specifically with cell phone forensics and has tested all ten products requested for purchase through his involvement with the Michigan State Police Computer Forensics Lab.
- The Police department has conducted over a hundred cell phone forensic examinations with the use of the software and hardware provided at the Michigan State Police Computer Forensic Lab located in Livonia, Michigan.
- Through training and experience, it has been determined there is not a single tool (software and hardware) available with the ability to recover data from all the different types of cell phones on the market. Therefore, in order to build a lab capable of handling the majority of cell phones on the market at this time, several software and hardware applications are needed.
- The ten applications (software and hardware) requested will provide coverage for approximately 90 to 95 percent of the cell phones on the market now, including smart phones, PDA's, GPS navigation units, and older cell phones.

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To: Phillip L. Nelson, City Manager
Re: Sole Known Supplier – Cell Phone Forensics

Background – continued

- TEEL Technologies is a company that tests cell phone software and hardware applications, maintains a data base of their findings and the findings of other technicians testing and supporting these applications.
- TEEL Technologies is the only company that sells all the software and hardware applications the Troy Police Department has determined necessary to build a cell phone forensics lab in one package.
- TEEL Technologies also provides several items with the package purchase, including;
 - five faraday bags (used to block signals to a cell phone)
 - TeelTech iGo50 Tip Kit (used to charge cell phones)
 - TEEL Technologies' Mobile Forensics Central Search Tool – offline version (provides an offline database detailing the capabilities of each application and which applications are most effective with which phones)
 - 3% discount on the entire purchase
- The software and hardware purchased will be used exclusively within the Troy Computer Forensics Lab, which is a standalone forensic lab. This means that the forensic lab is not on and/or associated with the City of Troy IT network because of the sensitive nature of the evidence examined within the lab, including child pornography and ongoing narcotic investigations.

Financial Considerations

- The State Forfeiture fund will be used to make this purchase based on the fact that a majority of the cell phone forensics this year was conducted for direct narcotic's investigations. Capital Fund, A/C #401.301.10.305.7978.065.

Legal Considerations

- None

Policy Considerations

- Troy continues to enhance the health and safety of the community. (Outcome Statement I)

Options

- City management recommends Troy City Council authorize the purchase of hardware, software, and services from TEEL Technologies at an estimated total cost of \$36,050.23, plus ongoing license renewals, updates, and technical support as needed.

Prepared by: James Mork, Investigations/Officer

JM97/Cell Phone Forensics Purchase



16 Knight St.
 Norwalk, CT 06851
 PH: (203) 855-5387
 FX: (203) 855-5389
www.teeltech.com
info@teeltech.com

Quote

Date:	07/15/2008
Quote #:	Q20080715-LAB-Mork

QUOTE PREPARED FOR:
James Mork 500 West Big Beaver Troy, MI 48084 (248) 524-3557

Quantity	Product Description	Part #:	Unit Price	Total
1	CellDek TEK including 1-year software + 1 year warranty w/parts and labor. Some Palm and Windows support.	TTCDEK	\$13,885.00	\$13,885.00
1	Secure View for Forensics (2-year license with all cables, storage kit and all software and cable updates for life of license.) 1-year license available for \$1,800.00. Blackberry support.	TTSVF2Y	\$2,400.00	\$2,400.00
1	.XRY one-year license unlimited extractions, SIM ID Cloner License. 10 SIM-ID Cloner cards, Carrying Briefcase with Cable Organizer, and cable subscription. (Now supports some Windows Phones)	TTXRY1	\$7,990.00	\$7,990.00
1	Neutrino one-year license, includes software, cable kit and WaveShield Faraday Bag (requires EnCase)	TTNEUT	\$1,715.00	\$1,715.00
1	Device Seizure Software and Toolkit and One-year software upgrades. Total: 18-months of software upgrades. Some Windows, Palm, Blackberry and iPhone support.	TTDSTK	\$1,800.00	\$1,800.00
1	Oxygen Forensic Suite, includes new Oxygen Forensic Suite 2, as well as Oxygen Forensic for Nokia and Symbian phones. New Forensic Suite supports Windows devices.	TTOXY	\$950.00	\$950.00

<u>LICENSE Renewal Terms and Notes:</u> CellDek annual update subscription cost: \$2,000.00 (first year priced in) SecureView for Forensics (after year two): \$2,400.00 for two-year license, or \$1,350.00 per year .XRY Year-Two License: \$4,990 (mandatory for continued system use) Neutrino Year-Ywo Update Subscription: \$1,000.00 Device Seizure Update Subscription (after 18 months): \$330.00 Oxygen Forensic Year-Two Subscription Update: \$599.00	Subtotal (page 1)	\$28,740.00



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Quote

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James Mork 500 West Big Beaver Troy, MI 48084 (248) 524-3557

Quantity	Product Description	Part #:	Unit Price	Total
1	MOBILedit Forensic! Software w One-year of update support.	TTCMEF	\$579.00	\$579.00
1	ZRTV Screen, Video and Sound Capture System. Comes with all new updates for one year.	TTZRTV	\$1,695.00	\$1,695.00
1	SIMIS SIMTools, including SIMIS 2G/3G with Nextel SIM support, SIMulate SIM duplication tool, SIMgen SIM generation tool, card reader, 5 SIM adapters, and rewriteable SIMulate and SIMgen cards. Lifetime license.	TTSIMT	\$1,950.00	\$1,950.00
1	Cellebrite UFED "Universal Forensic Extraction Device". Complete system including software, cables, and updates for one-year.	TTCELEB	\$3,995.00	\$3,995.00
1	TeelTechnologies' Mobile Forensics Central Search Tool – Offline version. Enables Quick Search for expedited exam process on system not online.	TTMFC	\$0.00	\$0.00
5	Ramsey Faraday Bags	TTRMSY	\$0.00	\$0.00
1	TeelTech iGo50 Tip Kit	TTIGO50	\$0.00	\$0.00

<p><u>LICENSE Renewal Terms and Notes:</u></p> <p>MOBILedit! annual update subscription cost: \$299 Cellebrite UFED annual update subscription: \$899 ZRTV – annual update subscription: \$200 SIMTools – lifetime license Final Data Year-two license: TBD Radio Tactics Year-two updates, cable subscription and phone acquisition support: \$3,950.00</p> <p>All Products come with TeelTech Update and Technical Support.</p>

Subtotal page 2:	\$8,219.00
Discount 3% (pages 1 + 2)	(\$1,108.77)
Domestic Shipping for all items	\$200.00
Total (page 1 + 2)	\$36,050.23



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Detective James Mork
Detective Bureau
Troy Police Department
500 West Big Beaver
Troy, Michigan 48084
RE: Sole Source Justification

July 15, 2008

Dear Detective Mork,

Thank you for your continued interest in working with Teel Technologies as your supplier of cell phone forensic tools.

As the only supplier of virtually all the cell phone forensic tools on the market today, Teel Technologies makes procurement for digital laboratories such as yours both more cost-effective, as well as more efficient. We have the most comprehensive collection of equipment in one place.

Not only are we able to provide a discount on the complete packaged order – and therefore offer the most competitive pricing - we are able to include extra equipment, such as the TeelTech iGo Tip Kit, the Faraday bags, and our MobileForensicsCentral offline search tool. This offline variant of our popular online web site enables users on forensic computers not connected to the internet to quickly search for the tools in their collection to analyze the device before them. The TeelTech MFC Offline tool is only available from us. Furthermore, procuring the complete collection of solutions enables you to have a single-point-of-contact for the purchasing aspect, and saves your administrative team time and effort.

Another advantage of working with us for all your cell phone forensic needs is we provide the ongoing updates from the suppliers, and provide a first-line of defense for technical issues. Our familiarity with all the products enables us to support you on most of your technical requirements, and updates. As opposed to having to chase down the manufacturer for support, you can start with us. Of course, all solutions you purchase from us come with the same manufacturer's warranty and support as if you bought from the manufacturer.

Finally, working with us as your single source provider of tools ensures you keep your solutions updated when the licenses expire. In this respect, we work as your partner to help manage your licenses, and keep you informed when any of your licenses require renewal. While most tools are one-year licenses, and will require updating at approximately the same time, there are some with varying expiration dates. More importantly, as with your initial purchasing, you don't have to worry about having multiple vendors to procure from; we handle it all for you.

Please let me know if you have any questions or require further information about our business or the tools. We look forward to serving you.

Regards,

Bill Teel