



**CITY OF NOVI CITY COUNCIL
JULY 31, 2023**

SUBJECT: Approval to purchase a rescue phone system from 836 Technologies, sole source provider, in the amount of \$32,779.11 for the Novi Police Department.

SUBMITTING DEPARTMENT: Public Safety – Police Department

EXPENDITURE REQUIRED	\$32,779.11
AMOUNT BUDGETED	\$33,560.00
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	101-301.00-982.074

BACKGROUND INFORMATION:

Included in the 2023-24 Police Department Budget was the purchase of a rescue phone system. The Crisis Negotiation Team (CNT) responds to crisis situations where specialized equipment is often used to communicate with the intended subject(s) to resolve the incident without loss of life or injury. One of the tools available to the CNT Team is the use of a phone system commonly known as a “throw phone.” The throw phone allows for CNT members to engage in uninterrupted, two-way communication with the intended subject(s) while providing the ability for the communication to be monitored and recorded. The system the team currently utilizes is known as a Rescue Phone which was purchased over 20 years ago. While a great asset to the CNT team when initially purchased, the Rescue Phone has since become antiquated as technology has advanced. An updated throw phone system would improve the ability for CNT members to communicate with subject(s) in crisis.

The Commander II from 836 Technologies is the current system being utilized by the West Bloomfield members of our team. We have trained on this system for the past four years as a joint team. Having a system which mirrors West Bloomfield's equipment will make the integration of the system seamless for all CNT team members as well as our Special Response Team (SRT).

The Commander II is the only system in the world which is designed specifically for crisis situations that interfaces with a computer to log, track, and record all aspects of a critical incident. The 836 Tactical Video Phone has five streaming high resolution color video cameras, with the ability to view and record all five cameras simultaneously. It is the only throw phone designed to work with the CINT Commander II control console.

RECOMMENDED ACTION: Approval to purchase a rescue phone system from 836 Technologies, sole source provider, in the amount of \$32,779.11 for the Novi Police Department.

836 TECHNOLOGIES

Quote

4890 Technology Court
Missoula, MT 59808

Phone #	Date	Quote #
844-239-7109	7/5/2023	MT-2023-134

Name / Address
Novi Police Department 45125 W 10 Mile Road Novi, MI 48374

Ship To
Novi Police Department 45125 W 10 Mile Road Novi, MI 48374

Rep	Terms
BLF	Net 30

Item	Description	Qty	Total
CINT COM. II	<p>THE CINT COMMANDER II SIMULTANEOUSLY CONNECTS AND COMMUNICATES THROUGH LANDLINES, CELL PHONES, AND TACTICAL PHONES FOR CRISIS NEGOTIATIONS. THE SYSTEM AUTOMATICALLY RECORDS IN MP3 FORMAT, MAINTAINS RECORDS, INCIDENT LOGS, AND TRACKS PERSONNEL ASSIGNMENTS. THE SYSTEM ALSO NETWORKS WITH UP TO 50 COMPUTERS TO ASSIST WITH NEGOTIATIONS AND TACTICAL PLANNING. ADDITIONAL FEATURES INCLUDE: TWO HEADSET PORTS (ALLOW FOR TWO NEGOTIATORS), TPI INPUT INTERFACE, TWO BUILT IN CUSTOM BLUETOOTH INTERFACES WHICH ALLOW FOR BLUETOOTH SPEAKER AND CELL PHONE CONNECTIVITY, SPEAKER PHONE CAPABILITY WHEN USED WITH THE 836 TACTICAL VIDEO PHONE, UPGRADE PACKAGE AVAILABILITY FOR VIDEO PHONE CHEMICAL SENSING (sensing package must be purchased separately when available), MANUAL MUTE BUTTONS ALLOW FOR PUSH TO TALK CAPABILITIES FOR BOTH NEGOTIATORS IF DESIRED, AND PANEL MOUNT OPTION (MUST BE SPECIFIED AT TIME OF ORDER).</p> <p>CINT Commander II (Negotiations Recording and Control System). This system also includes software that allows it to be used as a pretext phone call device with digital recording, data logging, and control features. The system includes the following items:</p> <ol style="list-style-type: none"> 1. COMMBox 2. Primary laptop computer 3. Software with free software updates online 4. All required cables 5. Two upgraded Sigtronics over the ear headsets 6. Integrated room monitor speaker 7. Pelican carrying case with room for computers 8. Two integrated 836 Bluetooth modules 9. External TPI input port 10. Technical Support 	1	14,589.12
Total			

4890 Technology Court
Missoula, MT 59808

Phone #	Date	Quote #
844-239-7109	7/5/2023	MT-2023-134

Name / Address
Novi Police Department 45125 W 10 Mile Road Novi, MI 48374

Ship To
Novi Police Department 45125 W 10 Mile Road Novi, MI 48374

Rep	Terms
BLF	Net 30

Item	Description	Qty	Total
Satellite / Networking Package	<p>11. Five year limited warranty (refer to warranty information) CINT Satellite/Incident Management Software which allows you to connect up to 50 computers via a LAN to the CINT Commander system. This system allows you to enter and update records including photos, review the main log, make entries to the main log, and communicate amongst the other computers on the network. This system includes free software updates for life.</p> <p>Satellite computer package includes everything you need to successfully operate the Satellite network while using the CINT Commander II and 836 Tactical Video Phone. This package includes two Satellite computers to be used in conjunction with the main computer that is included with the CINT Commander II. Both Satellite computers will be loaded with the CINT Satellite Software, and the network will be configured to operate with the primary CINT Commander computer. The package includes a router to be used as part of the network. This package enables you to use the CINT Commander II to its fullest potential by allowing networked communications. We typically use ACER brand computers, however we occasionally substitute for another compatible brand of computers depending on product availability.</p> <p>The included Wi-Fi router will include the following minimum specs: Up to 3.2 Gbps data transfer rates With up to 600 Mbps at 2.4GHz with QAM support + 1.3 Gbps at 5.0GHz + 1.3 Gbps at 5.0GHz tri-band Wi-Fi help ensure rapid performance and help ensure all of your home's devices stay connected. Compatible with 802.11ac. For use with your existing devices; backward compatible with a/b/g/n. 6 high-performance antennas. 1.0GHz dual-core processor with 3 offload processors. Four 10/100/1000 Mbps Gigabit Ethernet LAN ports and 1 WAN port enable quick and simple wired connectivity. 1 USB 3.0 port and 1 USB 2.0 port.</p> <p>The system also includes a Bluetooth speaker for use with the secondary Bluetooth modal and two optical mice.</p>	1	3,988.95
Total			

836 TECHNOLOGIES

4890 Technology Court
Missoula, MT 59808

Quote

Phone #	Date	Quote #
844-239-7109	7/5/2023	MT-2023-134

Name / Address
Novi Police Department 45125 W 10 Mile Road Novi, MI 48374

Ship To
Novi Police Department 45125 W 10 Mile Road Novi, MI 48374

Rep	Terms
BLF	Net 30

Item	Description	Qty	Total
836 Tactical Video Phone	Model VID-AC1: The 836 Tactical Video Phone is a five camera high resolution video throw phone system which contains the following features: 1. Five integrated color high resolution video cameras 2. Five channel continuous feed for video and audio outputs, which allows for the recording and display of all five cameras simultaneously 3. Custom 836 Tactical Console with an integrated 8 channel DVR H264 D1-Real time recording, 2TB Hard Drive, 24X DVR Burner, LCD monitor, integrated room monitor speaker, audio out, inputs for 3 additional cameras, and military grade carrying case. 4. One set of headphones for the Tac Team module 5. Integrated 836 designed highly sensitive covert microphone 6. Throw case containing hardened industrial style handset with 32" armored cable. 7. Integrated Speakerphone for two way communication. 8. 50 feet of armored cable attached to the throw case 9. 1000' of 836 custom video cable 10. 15' extension video cable 11. Portable wire spool (wheeled cart) 12. Complete compatibility with the CINT Commander System 13. Five year limited warranty (refer to warranty information) 14. Includes SWAT training phone. Fed Ex Freight/ Shipping- TBD	1	13,691.04
Shipping			510.00
Please note that the Great State of Montana does not charge sales tax, and we will not collect tax for your local jurisdiction. If you are required to pay sales tax, you will need to pay it directly to your local tax agency.			
All quotes are valid for 60 days unless otherwise stated. All transactions are in US Dollars.		Total	\$32,779.11

Net 30 accounts are due immediately and will be charged a late fee of 3% per month if not paid within 30 days of the ship date.



**Detective Alisa Harwell,
Novi Police Department**

07/07/2023

Hello, this letter is regarding the 836 Tactical Video Phone™ and the CINT Commander II™, which were developed by our company. The 836 Tactical Video Phone™ has features which make it unlike any other throw phone on the market. This system has a highly sensitive 836 designed covert microphone, which has a wide spectrum of audio. The covert mic allows you to clearly hear and identify faint background noises. An integrated digital speakerphone includes adjustable audio settings.

The 836 Tactical Video Phone has five streaming high resolution color video cameras, with the ability to view and record all five cameras simultaneously. Our system also incorporates a custom-made data cable which is capable of sending all five color video feeds in excess of 3000 feet. The 836 Tactical Video Phone does not require any additional power sources other than the main power cable located at the tactical control console. Our system is also the only throw phone designed to work with the CINT Commander II control console. There are no other throw phones available that contain these characteristics.

The CINT Commander II is the only system in the world which is designed specifically for crisis situations that interfaces with a computer to log, track, and record all aspects of a critical incident. Our system allows communication via landline, cell phone, or tactical phones to negotiate with the person(s) in crisis. The CINT Commander II networks via proprietary software with up to 50 computers, which are able to take active roles during negotiations. Live audio, live video, and live updates to all files are available to all computers on the network.

Due to the sensitive nature of the 836 Tactical Video Phone™ and the CINT Commander II™, they are only available for purchase to military, federal, state, and local law enforcement agencies. We do not allow outside vendors to market or sell this system. In order to keep control over who obtains the 836 Tactical Video Phone™ and the CINT Commander II™, and in order to provide the best support possible to our clients, purchases can only be made through 836 Technologies.

We ask that you please accept this sole source product notification for the 836 Tactical Video Phone™ and the CINT Commander II™, however if your agency has a specific sole source document that you require I would be happy to complete that for you. If you would like any additional information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Brian Freeman', with a long, sweeping horizontal line extending to the right.

**836 Technologies
844-239-7109
bfreeman@836technologies.com**



MEMORANDUM

TO: KRISTIE GRUENWALD, COMMANDER
FROM: ALISA HARWELL, DETECTIVE
SUBJECT: BUDGET REQUEST
DATE: JULY 7, 2023

The Crisis Negotiation Team (CNT) responds to crisis situations where specialized equipment is often used to communicate with the intended subject(s) to resolve the incident without loss of life or injury. One of the tools available to the CNT Team is the use of a phone system commonly known as a "throw phone". The "throw phone" allows for CNT members to engage in uninterrupted, two-way communication with the intended subject(s) while providing the ability for the communication to be monitored and recorded. The system the team currently utilizes is known as a Rescue Phone which was purchased over 20 years ago. While a great asset to the CNT team when initially purchased, the Rescue Phone has since become antiquated as technology has advanced. An updated throw phone system would improve the ability for CNT members to communicate with subject(s) in crisis.

Below is a comparison of the changes in technology between our current Rescue Phone system and new throw phone technology. The comparison was made with the Commander II by 836 Technologies as that is the desired replacement system:

Rescue Phone

Hardline required for operation

Hardline headphones only
-Only two can listen at a time

Hardline speaker for listening

No log recording capability

No video monitoring available

Traditional phone for deployment

Commander II

Hardline or Cellular capability for operation

Wireless and/or hardline headphones
- Multiple can listen at a time

Bluetooth speaker capability

Written log documented via computers

The Tactical Video Phone has five streaming high resolution color video cameras, with the ability to view and record all five cameras simultaneously.

Deployed phone has the following capabilities:

- Hidden cameras for monitoring
- PA system for contacting the subject
- Open microphone for monitoring
- SRT training phone

The Commander II from the company 836 Technologies is the current system being utilized by the West Bloomfield members of our team. We have trained on this system for the past four years as a joint team. Having a system which mirrors West Bloomfield's equipment will make the integration of the system seamless for all CNT team members as well as our Special Response Team (SRT). Attached is an invoice for the requested system which reflects an itemized list of what is provided in the detailed quote. The total cost for the Commander II phone system is \$32,779.11.