



# CITY of NOVI CITY COUNCIL

## Agenda Item G November 10, 2014

**SUBJECT:** Approval to award Novi Enterprise Asset Management System (NEAMS) mobile device purchase to CDW Government for 20 field tablets and operational accessories through the National Intergovernmental Purchasing Alliance Company (IPA) cooperative purchasing program in the amount of \$40,744.

**SUBMITTING DEPARTMENTS:** Department of Public Services and Information Technology

**CITY MANAGER APPROVAL:** *[Signature]* PA

<b>EXPENDITURE REQUIRED</b>	<b>\$ 40,744</b>
<b>AMOUNT BUDGETED</b>	101-228.00-850.592 – \$ 17,475 592-592.00-976.003 – \$ 13,000 101-228.00-850.442 – \$ 23,160 101-205.00-850.000 – \$ 2,500
<b>APPROPRIATION REQUIRED</b>	<b>\$ 0</b>
<b>LINE ITEM NUMBERS</b>	101-228.00-850.592 – \$ 10,197.27 592-592.00-976.003 – \$ 12,236.73 101-228.00-850.442 – \$ 16,390.00 101-205.00-850.000 – \$ 1,920.00

### BACKGROUND INFORMATION:

The first phase of the Novi Enterprise Asset Management System (NEAMS) approved by the Novi City Council encompassed water and sewer operations, roadways, and sign assets and was successfully completed in May 2012. The second phase of NEAMS upgrades, which included storm water and non-motorized assets, was completed in January 2013. In April 2014, NEAMS Phase III was implemented to manage forestry assets.

The City of Novi Department of Public Services and the Information Technology Department have leveraged this technology solution to improve the operations and maintenance practices involving the City's assets. This asset management strategy enhances targeted operational efficiency by reducing operating and capital replacement costs and improving customer service by managing public service requests so they can be efficiently received, prioritized, and completed.

Currently, the work activity recorded in NEAMS is a paper-based process that requires DPS staff to return to the office to enter inspection results, complete work orders, close service requests, and pick up new work assignments. The implementation of field tablets provides "real-time" field access to NEAMS to accurately enter work activity directly into the system and receive new assignments without returning to the office. In addition to providing access to NEAMS while away from the office, Water & Sewer Division staff will be able to access the Supervisory Control and Data Acquisition (SCADA) system for water and sewer facilities remotely to respond to any system alarm condition that may need immediate attention.

The selected CL920 tablet is designed to effectively and efficiently improve asset management data input. All hardware is produced by Motion Computing, which distributes their equipment through a reseller network. In accordance with the City of Novi Purchasing Policy, the tablet devices will be purchased from CDW Government through a competitively

bid contract leveraging the National IPA Technology Solutions cooperative purchasing program.

The CL920 tablets will be shipped within 4 weeks of placing the order. The IT Department will set up the device security and install appropriate software prior to deploying the devices to field staff in early January. Training will be provided by IT as the tablets are assigned to each team member.

**RECOMMENDED ACTION:** Approval to award Novi Enterprise Asset Management System (NEAMS) mobile device purchase to CDW Government for 20 field tablets and operational accessories through the National Intergovernmental Purchasing Alliance Company (IPA) cooperative purchasing program in the amount of \$40,744.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Casey				

	1	2	Y	N
Council Member Markham				
Council Member Mutch				
Council Member Wrobel				



# SALES QUOTATION

QUOTE NO.	ACCOUNT NO.	DATE
FQMN411	1899455	10/10/2014

**BILL TO:**  
 CITY OF NOVI  
 45175 W 10 MILE RD

**SHIP TO:**  
 CITY OF NOVI  
 Attention To: FINANCE DEPARTMENT  
 45175 W 10 MILE RD

Accounts Payable  
 NOVI , MI 48375-3024

NOVI , MI 48375-3024  
 Contact: ROB PETTY 248.735.5605

Customer Phone #248.347.3270

Customer P.O. # MOTION COMPUTING  
 QUOTE

ACCOUNT MANAGER	SHIPPING METHOD	TERMS	EXEMPTION CERTIFICATE
DAVE ENGMARK	FEDEX Ground	Net 30 Days-Govt State/Local	GOVT-EXEMPT

QTY	ITEM NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
20	3507153	MOTION CL920 TOUCH 4GB Mfg#: CLK3B4A1A2A2A2 Contract: National IPA Technology Solutions 130733	1,705.00	34,100.00
20	2731938	MOTION 3YR COMPLETE COVER WTY+ADP Mfg#: 909.902.03 Contract: National IPA Technology Solutions 130733	178.00	3,560.00
16	2442204	Electronic distribution - NO MEDIA MOTION CL-SERIES CARRY SLEEVE Mfg#: 509.400.04 Contract: National IPA Technology Solutions 130733	118.00	1,888.00
4	2877017	MOTION CL-SERIES SILICONE SLIP COVER Mfg#: 509.402.01 Contract: National IPA Technology Solutions 130733	37.00	148.00
6	2395281	MOTION DOCKING STATION F/CL900 Mfg#: 309.050.01 Contract: National IPA Technology Solutions 130733	168.00	1,008.00
1	2462641	MOTION AC POWER PACK - US Mfg#: 508.526.01 Contract: National IPA Technology Solutions 130733	40.00	40.00
			SUBTOTAL	40,744.00
			FREIGHT	0.00
			TAX	0.00

US Currency

**TOTAL** 40,744.00

CDW Government  
 230 North Milwaukee Ave.  
 Vernon Hills, IL 60061

Fax: 312.752.3626

**Please remit payment to:**  
 CDW Government  
 75 Remittance Drive  
 Suite 1515  
 Chicago, IL 60675-1515

**Motion**



**MEET YOUR  
NEW SIDEKICK**

**CL920**  
**DURABLE**  
**LIGHTWEIGHT**  
**POWERFUL**



# MORE THAN MEETS THE EYE

**CL920**  
DURABLE  
LIGHTWEIGHT  
POWERFUL

## THE CL920 RUGGED PLATFORM

Reduce downtime and increase productivity overnight. Our sleek new CL920 Rugged Platform is a giant leap forward in our CL-Series with faster processing power, enhanced connectivity, increased durability and superior image capture software. With support for both Windows® 7 and Windows® 8.1 applications, the CL920 is ready to stand by your side now and in the future.

## RUGGED RELIABILITY

The CL920 withstands the rigors of a tough workday – dustproof and shockproof for uninterrupted reliability - rain or shine. Built around an internal magnesium frame and fortified with Corning® Gorilla® Glass 3, the Tablet features a new signature Motion dot-pattern design for a ruggedized, non-slip surface texture.

## BUILT FOR SPEED

As a mobile professional, speed is your ally. With the latest Quad Core Intel® Pentium® processor, the new CL920 is 69% faster than our previous model. Combine that with 4G LTE for rapid connectivity and the CL920 gets work done in a flash.

YES, THIS IS THE OUTLINE OF THE CL920.  
MEET YOUR NEW SIDEKICK.

# CL920 FOR THE MOBILE PROFESSIONAL

STURDY, SLEEK AND ALWAYS CONNECTED

## THE CL920 PLATFORM



### TABLET

- Built for MIL-STD-810G and IP52
- Windows® 7 and Windows® 8.1 support
- Quad Core Intel® Pentium® processor
- 10.1" High Definition View Anywhere® Display
- Corning® Gorilla® Glass 3
- 4G LTE Broadband and 802.11ac Wi-Fi®
- SnapWorks™ camera application
- Touch, pen and keyboard input options



### DOCKING STATION

- Excellent in retail environments
- Designed for the standing user
- Connects to additional USB compatible peripherals



### MOBILE DOCK w/ KEY LOCK

- Ideal for in-vehicle and forklift mounting
- Secure key lock
- Provides host of I/O ports
- Integrated battery charger
- Vibration protection exceeds crash test standards



### CASES AND STRAPS

- X-Strap
- Carry Sleeve
- Bump Case
- Portfolio
- Silicone Slip Cover



### SLATEMATE™ DATA ACQUISITION MODULE

- Factory installed add-on module
- Adds barcode scanner and magstripe reader
- TDES encryption for added security (PCI compliant)
- MIL-STD-810G and IP52



### READYDOCK™

- Charge, sync and secure multiple tablets in one place
- Lockable cabinet prevents theft

## ENTERPRISE-READY. SET. GO!

The CL920 protects your IT investments. Running Windows® 7 or Windows® 8.1, you can continue using your existing software – avoiding additional software development, training, integration and security costs. A stable, long lifecycle platform ensures that the accessories you buy today will work for you tomorrow.

## THOUGHTFUL INTEGRATION

It's not just about the tablet. You require a suite of purpose-built accessories that are seamlessly integrated. The CL920 has been designed for durability, security, and ease of use. Simplify your mobile deployments with the components you know will work together. Your workday just got easier.



# CL920 AT WORK

AN ABUNDANCE OF APPLICATIONS



**SERVICE CONTRACTORS**

A busy commercial inspector safely docks the CL920 into the Mobile Dock on the truck's dashboard, charging the battery while using the GPS system to navigate. At the construction site he's able to focus on the inspection without worrying about the dust in the air — the Gorilla® Glass display and fully-encased housing have withstood tougher tasks. During the walkthrough the inspector encounters an out of place crossbeam and takes a picture with the high resolution camera. Using SnapWorks™ by Motion software he adds notes, a GPS location and time stamp - quickly sharing the error with his colleagues back at the office via 4G LTE connectivity. He inserts the photo into his report and pulls up his next work order.



**RETAIL DISTRIBUTION**

Arriving at an online retailer's primary distribution center, a warehouse manager retrieves his CL920 from the ReadyDock™, fully charged and synced with the day's orders. Thanks to the lightweight design and attachable Carry Sleeve, the manager carries the device throughout the day, troubleshooting and scanning barcodes with the SlateMate™ barcode scanner. When a bulk rush order comes through at the end of the shift, the manager quickly receives an alert via the 802.11ac wireless connection. He immediately alerts his forklift operators and directs them to the correct pallets, filling the order and automatically sending a secure shipping update to the buyer via integration with the manufacturer's existing IT system.



**MANUFACTURING**

A technician at an automobile assembly plant starts the day by safely logging in to the CL920. The security of the company's proprietary designs and processes remain intact with the full disk encryption and multi-factor authentication provided through the enhanced security features from WinMagic® SecureDoc™ and the Trusted Platform Module. The technician uses the 802.11ac wireless connection to quickly download the latest processes and inventory updates to ensure their workstation is in compliance and ready to go for the day. The technician easily references schematics when needed on the high definition display, and wipes away dirt and grime from the device without worry due to its sealed design. At the end of the shift the technician logs out of the device and docks it in the Mobile Dock with Key Lock to be ready for the next shift to take over.



## ABOUT MOTION COMPUTING

Motion Computing® is a leading global provider of rugged tablet PCs, accessories and software for mobile workers. We combine world-class products with services customized for the unique needs of targeted industries, including utilities, construction, public safety, retail and healthcare. We are committed to making the mobile workforce more productive and safe by reducing mobile deployment risks and preserving existing IT infrastructure investments.



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