F6

HIAWATHA POLICE DEPARTMENT

Memo

To: Mayor, Council Members

From: Dennis Marks- Police Chief

Date: February 8, 2017

Re: In-Car Computer Replacement

We currently use Panasonic Toughbook computers in our patrol cars that were purchased in 2009/2010. The current replacement of these computers is contained in the CIP for FY18.

We utilize one specific program for the dispatching of calls and running driver/vehicle information through the state database. This program is managed by Linn County. Last week they performed an upgrade from version 10 to version 11 of the software. This upgrade crashed most of our computers. The reason given was that our current operating system (Windows XP) is not supported, or CJIS Security Policy compliant. CJIS sets a standard of security requirements for information protection at the federal level.

2 years ago we replaced the in-car camera system in the patrol cars. The new cameras run via the in-car computer. Our computers just met the minimum operating requirements when the camera system was purchased. The result is the computer runs at 97-100% CPU Usage constantly. I was told, at the time, that the computers will fail at some point due to this usage. We have rebuilt two of the computers due to the operating system crashing, but have so far not experienced a processor failure. However, the computers do run very warm to the touch.

In 2010 I set the replacement life of these computers at 7 years. This is longer than recommended and proven to be overly aggressive. A useful life of 3-5 years is more realistic.

The estimated cost to upgrade our current operating system to be CJIS compliant is approximately $2,500. This upgrade would not address the bigger issue of processor speed necessary to operate our

current programs. The processor technology is 8+ years old. I believe we have surpassed the useful life of our current car computers and need to replace them immediately.

I am seeking approval to immediately replace 5 in-car computers and compatible printers at a cost of $19,510. In the current budget we have a $50,000 line item for Linn County Dispatch Fees. Kim was able to negotiate a reduced rate to begin with the FY18 budget. The current $50,000 budgeted for FY 17 will not be used for dispatch fees. My proposal would be to use these funds for the purchase computers immediately and allocate $5000 to a new equipment reserve fund. This fund would be for replacement of computers in 5 years. A smaller amount would then be contributed annually toward the anticipated total replacement cost. The $30,000 contained in the FY18 CIP would no longer be needed.

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2/10/2017
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QUOTE NO. TC20170210B

PRICING AND FINANCIAL OPTIONS SPECIFIC TO THIS OFFERING:
EQUIPMENT DETAILS AND PRICING

QTY	MODEL AND DESCRIPTION	UNIT PRICE	TOTAL PRICE
5	**Panasonic Toughbook CF-31 MK.5** Intel Core i5-5300U 2.30GHz vPro Processor 13.1" XGA Touchscreen Display **8GB SDRAM** **256GB SSD** **Integrated 4G Lte** Intel Dual Band WiFi-AC7260 802.11a/b/g/n/ac Ethernet NIC 10/100/1000 Bluetooth v4.0 **Windows 7 Pro (Win 10 Pro CoA)** Emissive Backlit Keyboard Standard Battery and AC Power Adapter 3 Year Parts & Labor Warranty - Preferred	$3,617.00	$18,085.00

OPTIONS:
1 Year Extended Warranty: $189.00 each
2 Year Extended Warranty: $298.00 each
1 Year Warranty Extension with No Fault: $449.00 each
2 Year Warranty Extension with No Fault: $709.00 each

EQUIPMENT COST:	**$18,085.00**
SHIPPING:	**Included**

Payment With Order: Net 10 Day
Quotation Good for 90 Days

Approved By:
Your Signature Is An Agreement To Purchase And An Acceptance Of The Above Terms
All of the information listed on this proposal is confidential and proprietary information.
If You Have Any Questions Please Contact Tim Cooney at (920) 544-4282

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TOUGHBOOK

DRAFT

RESOLUTION NO. 17-
City Council

RESOLUTION AUTHORIZING PURCHASE OF FIVE (5) PANASONIC TOUGHBOOK IN-CAR COMPUTERS AND COMPATIBLE PRINTERS FOR THE POLICE DEPARTMENT

WHEREAS, The Hiawatha Police Department deems it necessary to replace five (5) Panasonic Toughbook in-car computers and purchase compatible printers in order to upgrade operating systems to access information on the state database and increase processing speed to operate current programs, and

WHEREAS, funding for the purchase of five (5) replacement Panasonic Toughbook in-car computers and compatible printers for Police Department vehicles is available in the General Fund, and

WHEREAS, Council authorizes staff to create an equipment reserve fund for future expenditures for replacement of in-car computers and compatible printers with a beginning amount of $5,000.00, and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA, to approve the purchase of five (5) replacement Panasonic Toughbook in-car computers and compatible printers, in an amount not to exceed $20,000.00 in addition authorizes the creation of an equipment reserve fund for future expenditures for replacement of in-car computers and compatible printers with a beginning amount of $5,000.00.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 15th day of February, 2017.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk