

**Lee County Board Of County Commissioners
Agenda Item Summary**

Blue Sheet No. 20060870

1. ACTION REQUESTED/PURPOSE: Approve Bid Waiver # W-060535 to waive the formal quotation procedure, and allow The Division of Public Safety to purchase a Radio Dispatch System Upgrade from Motorola. A waiver has been requested because the equipment used in the Lee County Government Network (GCN) contains proprietary and other protected design aspects which are only know to Motorola (please see Attachment #3). The grand total cost for the upgrade is \$369,099.00. Board approval is also requested for incidentals for a not-to-exceed amount of \$37,000.00. Also authorize transfer of monies from the Government Communications Network (GCN) reserve fund to cover the full amount of this purchase.

2. WHAT ACTION ACCOMPLISHES: Allows the Division of Public Safety to perform an upgrade from Windows NT to Windows XP operating system.

3. MANAGEMENT RECOMMENDATION: Approve as stated.

4. Departmental Category: 7 A7B		5. Meeting Date: 08-01-2006
6. Agenda: <input type="checkbox"/> Consent <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> Appeals <input type="checkbox"/> Public <input type="checkbox"/> Walk-On	7. Requirement/Purpose: (specify)	
	<input type="checkbox"/> Statute	
	<input type="checkbox"/> Ordinance	
	<input checked="" type="checkbox"/> Admin. Code	AC-4-1
	<input type="checkbox"/> Other	
		8. Request Initiated: Commissioner _____ Department _____ Division Public Safety By: John Wilson <i>JW</i>

9. Background: On June 23, 2006, the Division of Purchasing received a request from Public Safety to waive the formal quotation procedure to allow for the purchase of a Radio Dispatch System Upgrade from Motorola.

Funds are available: GC5890152000

ATTACHMENTS:

- (1) Request for Bid Waiver
- (2) Justification for Waiver Purchase
- (3) Parts Source Verification Letter from Motorola
- (4) Motorola Quotation

10. Review for Scheduling:

Department Director	Purchasing or Contracts	Human Resources	Other	County Attorney	Budget Services			County Manager/P.W. Director
<i>J. Wilson</i>	<i>Christina</i>			<i>Andrea Fraser</i>	Analyst	Risk	Grants	<i>HS 7/14/06</i>
					<i>9/16/06</i>	<i>9/16/06</i>	<i>MMgr. 7/16/06</i>	

11. Commission Action:

- Approved
- Deferred
- Denied
- Other

RECEIVED BY COUNTY ADMIN: <i>CA</i>
7/5/06 11:27i
COUNTY ADMIN FORWARDED TO: <i>PC</i>
7/14/06
<i>SPM</i>

Rec. by CoAtty
Date: 7/31/06
Time: 11:55 AM
Forwarded To:

REQUEST FOR TRANSFER OF FUNDS

FUND NAME: Gov't Comm. Network DATE: 7-06-06 BATCH NO.: _____

FISCAL YEAR: 05-06 FUND NO.: 52000 DOC. TYPE: YB LEDGER TYPE: BA

TO: Public Safety Gov't Comm. Network(GCN)
 (Division Name) (Program Name)

NOTE: Please list the account number below in the following order:
 Business Unit (dept/div, program, fund, subfund); Object Account; Subsidiary; Subledger
 (Example: BB 5120100100.503450)

<u>Account Number</u>	<u>Object Name</u>	<u>DEBIT</u>
KF5290352000.503460	Data Processing	\$ 1,065
KF5290352000.503490	Other Contracted Services	\$ 75,991
KF5290352000.506410	Furniture & Equipment	\$292,043

TOTAL TO: \$369,099

FROM: Non- Departmental Reserves
 (Division Name) (Program Name)

<u>Account Number</u>	<u>Object Name</u>	<u>CREDIT</u>
GC5890152000.509910	Reserve for Contingencies	\$369,099

TOTAL FROM: \$369,099

EXPLANATION: To transfer budget from reserves to purchase a Radio Dispatch System Upgrade per bluesheet #20060870.

 DIVISION DIRECTOR SIGNATURE/DATE

DBO: APPROVAL DENIAL

OPS. MGR.: APPROVAL DENIAL

CO. MGR.: APPROVAL DENIAL

BCC APPROVAL DATE: _____

 DEPARTMENT HEAD SIGNATURE/DATE

Caryn Agostino 7/6/06

 OPS. ANALYST SIGNATURE DATE

Shu Lany 7/12/06

 OPS. MGR. SIGNATURE DATE

 CO. MANAGER SIGNATURE DATE

 BCC CHAIRMAN SIGNATURE

BA. NO. _____ AUTH CODE _____ TRANS DATE _____

ATTACHMENT /

MEMORANDUM
FROM
DIVISION OF PUBLIC SAFETY

To: Janet Sheehan, Purchasing Director
From: John D. Wilson, Director *[Signature]*
Subject: Motorola Bid Waiver Increase and XT Upgrade
Date: June 23, 2005

Please prepare a blue sheet to increase bid waiver # W-050518 from \$300,000 per year to \$700,000 per year to allow Public Safety to purchase Radios, Repairs, Parts, Components and Ancillaries; including but not limited to, personal computers, servers and related peripherals, from Motorola. The waiver was originally requested because the equipment used in the Lee County Government Communications Network (GCN) contains proprietary and other protected design aspects which are only known to Motorola and that fact remains true. What this action accomplishes is that it provides latitude for the Division to cover the escalating costs of general service and repair.

Also, request you prepare a blue sheet that will allow the Division to perform an upgrade from Windows NT to Windows XP operating system. This upgrade must be accomplished before required additional radio dispatch consoles can be added to the various country Public Safety Answering Points.

Funds for the XP upgrade will come from the GCN Reserve fund, account string GC 5890152000.

Thanks

/mcb

**Lee County Public Safety
Telecommunications**

Memo

To: Michael Bridges
From: Andy Stadler
CC: Bruce Dennington
Date: 6/14/2006
Re: Gold Elite Windows XP Upgrade

Michael,

Recently several dispatch centers have decided to add radio operating positions to their centers. Lee County Port Authority has added one, Cape Coral Police Department has an open purchase order to Motorola for two radio positions and the Lee County Sheriff's Office has one planned. A computer is required at each radio operating position to supply GUI (Graphic User Interface) functionality. The Lee County Port Authority has been unable to utilize their new position due to the computer hardware and operating system incompatibility.

All dispatch centers presently utilize Hewlett Packard HP Vectra VL computers with Windows NT operating systems, purchased in June of 1998. New computers currently being supplied may not have hardware drivers available for Windows NT 4.0, our current operating system. Microsoft no longer offers technical support for Windows NT 4.0 as of 6-30-2004. In my conversations with Hewlett Packard technical support, they advised me that new computers will be shipping soon with Windows Vista operating systems, and that engineering resources may not be available to assist with Windows NT. They further stated that new computer hardware architecture, with faster CPU speeds and data busses may not work at all with Windows NT. The original computers and operating systems were purchased in June of 1998. New computers proposed by Motorola will work with Windows XP or Windows Vista.

Due to the stringent requirements of front line public safety communications equipment, I recommend that we refresh all existing computers to the new operating system, Windows XP. In this way we can avoid the possibility of unstable modifications of new computers to accommodate older versions of operating systems. Unfortunately, this will require us to upgrade the existing Motorola Gold Elite application to accommodate the newer operating system. This in turn will necessitate a refresh of the firmware which resides in the CEB (Central Electronics Bank). Motorola has provided a quote to provide this service.

According to the Motorola timeline for support, the Centracom Gold Elite consoles will continue to be supported for service until 2014. If we were to upgrade our radio system to P25, it will not become necessary to replace the Gold Elite Console system as they are presently compatible.

ATTACHMENT 2

APPROVED: 7/9/02

JUSTIFICATION FOR SOLE SOURCE AND/OR WAIVER PURCHASE

REQUISITION NUMBER:

DATE: June 1, 2005

DEPARTMENT: **Public Safety/Independent**

BUSINESS UNIT: KF5290352000

SUGGESTED VENDOR: **Motorola, Inc.**

ITEM DESCRIPTION AND REASON FOR SOLE SOURCE AND/OR WAIVER:
(MAY ALSO BE ATTACHED AS A MEMO)

Contract for maintenance support and purchase of radios and major and minor repair and replacement parts, components and ancillaries; including but not limited to personal computers, servers and related peripherals, for the Motorola proprietary 800 MHz, Lee County Government Communications Network (GCN) voice radio and data communication system.

TECHNICAL CHARACTERISTICS:

REASON FOR REQUESTING SOLE SOURCE:

ITEM MUST MATCH EXISTING EQUIPMENT, WHICH IS: **Motorola**

ITEM IS A REPAIR PART FOR EXISTING EQUIPMENT, WHICH IS: **Motorola**

ITEM IS TO BE ATTACHED TO EXISTING ITEM, WHICH IS: **Motorola**

TECHNICAL CHARACTERISTICS OR REQUESTED ITEM ARE ESSENTIAL TO OUR NEEDS BECAUSE:

NO OTHER MANUFACTURER OF THIS TYPE OF PRODUCT EXISTS.

OTHER MANUFACTURERS OF THIS TYPE OF PRODUCT DO NOT MEET OUR MINIMUM REQUIREMENTS:

MANUFACTURER'S NAME:

REASON:

REASON:

MANUFACTURER'S NAME:

REASON:

() OTHER

MUST PERFORM PRICE OR COST ANALYSIS OR ATTACH NEGOTIATED PRICE QUOTE FROM VENDOR; LETTER FROM MANUFACTURER STATING SOLE SOURCE.

A) PRICE ANALYSIS PERFORMED

BASED ON: See attached letter detailing proprietary protocols.

B) COST ANALYSIS PERFORMED:

BASED ON: See attached letter detailing proprietary protocols.


Michael C. Bridges, Deputy Director
SIGNATURE AND TITLE OF REQUESTER

I, Chris Jettcoat, AUTHORIZED BUYER, CONCLUDE THE FOLLOWING:

SOLE SOURCE JUSTIFICATION IS ADEQUATE AND PURCHASE IS AUTHORIZED WITHOUT COMPETITIVE BIDDING.

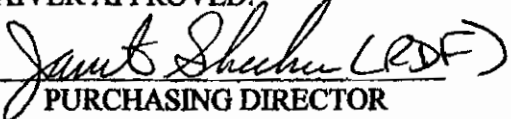
() SOLE SOURCE JUSTIFICATION IS INADEQUATE AND REQUISITION IS RETURNED TO DEPARTMENT.

() DUE TO TIME RESTRAINTS PURCHASE IS AUTHORIZED WITHOUT

COMPETTIVE BIDDING.

() COMPETITIVE/NON-COMPETTIVE BID WAIVER APPROVED.


BUYER


PURCHASING DIRECTOR



May 27, 2005

Michael Bridges
Lee County Public Safety
1825 Hendry Street, 3rd Floor
Fort Myers, FL 33902

Subject: Motorola Radio Communications Products and Services

Dear Mr. Bridges,

Thank you for your interest in purchasing Motorola communications products and services.

The Lee County GCN (Government Communications Network) provides mission-critical communications capability that has been proven by operating flawlessly through a number of natural disasters. All of the public safety agencies within Lee County are a part of this system. In 1999, Lee County purchased Motorola SMARTNET 800 MHz simulcast communications infrastructure. This was an expansion of the three site system installed in the early 1990's.

Presently, all system suppliers use their own protocols. The equipment used in the GCN contains proprietary and other protected design aspects which are known only to Motorola. Motorola is continually upgrading systems to accommodate an open protocol system known as APCO Project 25. When Lee County upgrades the system to meet Project 25, system users will have the opportunity to purchase equipment from several different sources.

Motorola will continue to support consistent pricing for all local government agencies within the state of Florida.

I look forward to working with you to provide Lee County with state of the art communications equipment. Should you have any questions please call me at 574-8765.

Sincerely,
MOTOROLA, Inc.

A handwritten signature in black ink, appearing to read 'M. Harrington'.

Michael J. Harrington
Senior Account Manager

Mike Harrington – Senior Account Manager
Government & Enterprise Mobility Solutions
Americas Group, Southern Division, Florida West Coast
PO Box 150550, Cape Coral, FL 33915-0550
Office 239-574-8765 - Fax 239-574-9876

ATTACHMENT 4

Mike Harrington
Senior Account Manager
PO Box 150550
Cape Coral, FL 33915
Phone: 239-574-8765
Fax: 239-574-9876

Lee County, FL - Centracom XP Upgrade

	Description	Unit Price	Extended
20	Ambassador Switch Refresh	\$4,272.00	\$85,440.00
37	Centracom Gold Refresh - COIM	\$800.00	\$29,600.00
92	Centracom Gold Refresh - BIM	\$400.00	\$36,800.00
20	Centracom Gold Refresh - AIMI	\$2,769.00	\$55,380.00
6	S2500 Multi-protocol Router	\$2,875.00	\$17,250.00
8	Router T1/E1 Daughter Board	\$800.00	\$6,400.00
6	HP Procurve Switch	\$2,250.00	\$13,500.00
24	Trackerball	\$348.00	\$8,352.00
1	Ethernet Time Server	\$1,829.00	\$1,829.00
1	Certified Gold Elite Server	\$2,980.00	\$2,980.00
1	20 Client License	\$1,065.00	\$1,065.00
24	Gold Elite Workstation Dell OptiPlex	\$1,438.00	\$34,512.00
1	Systems Integration, Engineering, Install	\$75,991.00	\$75,991.00
			\$369,099.00

This quote is for services required to perform a radio dispatch system upgrade on the Lee County GCN. The existing dispatch console workstations and database management (CDM) file server network will be upgraded to operate on the Windows XP operating system platform. A software/firmware refresh will be done on the Central Electronics Bank (CEB) and Ambassador Electronics Bank (AEB). 6 Procurve switches and 8 routers will be supplied as well as 24 Trackerball devices. New smaller footprint workstations, configured to function on the Windows XP operating system, will be provided for the dispatch console computers. A new console database manager (CDM) file server is also included.

Statement of Work
Lee County, Florida
Windows XP - Dispatch Console Upgrade
2nd Revision (February 28, 2006)
3rd and Final Revision (June 12, 2006)

This Statement of Work (SOW) outlines the services required to perform the radio dispatch system upgrade for the Lee County radio communications system as depicted and summarized below. It describes the deliverables to be furnished to Lee County and the tasks to be performed by Motorola, its subcontractors, and Lee County that are required to implement the solution described in this SOW.

The existing dispatch console workstations and database management (CDM) file server network will be upgraded to operate on the Windows XP operating system platform. A software/firmware refresh will be done on the Central Electronics Bank (CEB) and Ambassador Electronics Bank (AEB). New workstations, configured to function on the Windows XP operating system, will be provided for the dispatch console computers and the console database manager (CDM) file server.

This SOW provides:

- A description of the responsibilities for both Motorola and Lee County.
- The qualifications and assumptions taken into consideration during the development of this proposal.

Motorola's System Integration support and coordination services will be provided at a level consistent with the complexity of this project. In general, these services include the following:

- Project Initiation
- Order Entry and Processing
- Manufacturing and Shipping Coordination
- Installation Coordination
- Optimization and Testing
- Project Finalization

RESPONSIBILITIES

A successful project requires responsibilities to be managed by both Motorola and Lee County. The Motorola and Lee County responsibilities are outlined throughout this proposal.

Motorola Responsibilities:

- Provide equipment described in the attached equipment list
- Inventory and transport equipment to the different dispatch console locations within Lee County
- Remove existing dispatch console computers
- Remove existing Console Database Manager (CDM) file server
- Install twenty four (24) new console computers (23 supplied under this proposal plus 1 existing in customer facility).
- Install CDM file server computer
- Configure and program new Windows XP dispatch console computers
- Configure and program new Windows XP CDM file server. Load and test exiting customer database.
- Review summing list and make corrections to optimize for most efficient use of TDM slots.
- Refresh Ambassador Electronics Bank (AEB) and associated interface boards
- Refresh Central Electronics Bank (CEB) and associated interface boards
- Configure dispatch console and CDM Network
- Assist county in development of console cutover plan
- Conduct functional ATP on dispatch console system.
- Provide an onsite Motorola System Engineer with Gold Elite Embassy upgrade experience for the duration of the upgrade.
- Arrange for an on call factory Gold Elite Embassy CEB specialist to be available in case of upgrade difficulties for the duration of the upgrade.
- Guarantee database and firmware compatibility for this project and correct any defects which may occur as the result of this upgrade at no cost to Lee County. This will include a manual entry of the CEB database if necessary.
- Remove DVP CIU's, reroute audio signals, reprogram 6809 controllers and any other necessary function if it is determined that the most recent version of firmware/software for the Gold Elite console is not compatible. Unit to unit DVP operation is to remain functional after upgrade.
- Replace and configure existing CDM / ADM networking equipment with new S2500 WAN Routers and HP PROCURVE Switches at the EOC site and each of the dispatch console locations.

Lee County Responsibilities:

- Provide necessary 120 VAC (UPS supplied) electrical outlets
- Provide adequate type-1 or type-2 surge suppression equipment
- Provide necessary T1/Leased Line connectivity to all console equipment
- Provide all necessary in house wiring to complete installation
- Ensure normal operating temperature, within equipment facilities, per equipment specifications
- Assign project manager that will work with Motorola to coordinate installation, provide site access, and have signature approval for all work completed and witness acceptance test plan.
- Coordinate with user community to plan for system down-time during the upgrade
- Provide ground system connectivity for new expansion equipment
- Provide location for disposal of old dispatch console and CDM computers
- Work with Motorola engineering to develop console cutover plan
- Review ATP with Motorola engineering and make adjustments as necessary prior to start of test.

ASSUMPTIONS / COMMENTS

- This project will be considered complete upon installation, programming and optimization.
- All installation efforts will be done in accordance with Motorola's R56 Quality Standards, with consideration given to existing conditions
- All licensing requirements, if necessary, must be completed by Lee County prior to the start of any programming or optimization efforts by Motorola.
- Motorola and its subcontractors will perform all work and tasks required to implement and optimize the new equipment supplied by this contract. All manufacturers' recommendations will be strictly adhered to for the assembly of this equipment
- Motorola has identified in the equipment proposal all equipment required to implement the outlined system. If the Customer desires to supply substitute equipment, said equipment must be approved by

Motorola as being compatible with the overall system design and integrity

- Motorola will commence work at the customer location when all equipment has been received, all pre-tests have been performed, and the site is ready for equipment to be installed. The start of this work will be coordinated with the customer project manager. Normal installation costs have been quoted in this proposal, however, any changes to the physical system's final layout or design may require a Change Order of this Statement of Work.
- Either Party may request changes within the general scope of this Agreement. If a requested change causes an increase or decrease in the cost or time required to perform this Agreement, the Parties will agree to an equitable adjustment of the Contract Price, Performance Schedule, or both, and will reflect the adjustment in a change order. Neither Party is obligated to perform requested changes unless both Parties execute a written change order.
- Work will commence during normal working hours Monday through Friday (8 – 5 PM)
- If problems should arise during the upgrade process, Motorola will provide a continuous effort to complete the upgrade until the system is deemed usable as determined by Lee County's assigned project manager.
- The payment terms are: 80% of Contract Value due upon Equipment Shipment and the remaining 20 % of Contract Value due upon ATP Acceptance. All payments are (net 30).
- Standard system warranty(s) provided with this proposal
- Permits will be responsibility of the county

Motorola's CENTRACOM Dispatch Consoles Timeline

September 13, 2005

To assist in customer planning, below is a product availability summary for the CENTRACOM consoles*. Note: Product availability is contingent upon the specific system type and system release your customer is currently operating on:

- **Conventional Console Solution**
 - Add On CEB/Ops shipping thru Q4 2009
 - Upgrades from B&L/Series II+ shipping thru Q4 2009
- **3600 Trunking Solution**
 - SMARTNET™ II+/3.0 – add on CEB/Ops shipping thru Q4 2006
 - SMARTNET™ 3.1/3.2 – new Systems shipping thru 2005
 - SMARTNET™ 3.1/3.2 – add to AEBs shipping thru Q4 2008
 - SMARTNET™ 3.1/3.2 – add on CEB/OPs shipping thru Q4 2009
 - SmartZone® 3.0/3.5 - add on AEBs not shipping
 - SmartZone® 3.0/3.5 – add on CEB/OPs shipping thru Q4 2007
 - SmartZone® 4.1 – add to AEBs shipping thru Q4 2007
 - SmartZone® 4.1 – add on CEB/OPs shipping thru Q4 2009
- **9600 Trunking Solution**
 - ASTRO® 25 6.x – new systems shipping thru Q4 2005
 - ASTRO® 25 6.x systems - add to AEBs shipping thru Q4 2008
 - ASTRO® 25 6.x systems - add on CEB/OPs shipping thru Q4 2009
 - ASTRO® 25 7.x systems – new systems shipping thru Q4 2009
 - ASTRO® 25 6.x/7.x systems-add to/on AEB/CEB/OPs shipping thru Q4 2009

**After market product support (includes repair/replacement parts) continues 7 years after product ship date. Therefore, if a 6.x customer purchases a CENTRACOM add on in Q4 2009 break/fix support will be provided through 2016.*

CENTRACOM UPGRADES:

<u>Model</u>	<u>Upgrade Available</u>
• CENTRACOM Series I	None
• CENTRACOM Series II/II+	Gold Elite
• CENTRACOM Gold Classic	Gold Elite
• CENTRACOM Gold Elite	Software Enhancement

If you are planning to upgrade your existing Motorola CENTRACOM Series II/II+ or CENTRACOM Gold Classic radio dispatch console, or add operator positions to your existing Motorola CENTRACOM Gold Elite console, contact your appropriate sales representative for further details.

Microsoft Support Lifecycle

Microsoft Support Lifecycle

Product support lifecycle information by product

Microsoft provides support on the current service pack, and in some cases the immediately preceding service pack, for the products listed below. See the [Lifecycle Support Policy FAQ](#) for details on the Service Pack Support Policy. As a convenience to you, Microsoft is providing a list of the currently supported service packs: [Supported Service Pack List](#). If you have any questions regarding support for a product, please contact your Microsoft representative. If you need technical support, visit the [Contact Microsoft Web site](#).

The information on this page is subject to the [Microsoft Policy Disclaimer and Change Notice](#). Return to this site periodically to review any such changes.

Products Released	General Availability Date	Mainstream Support Retired	Extended Support Retired	Service Pack Retired	Notes
Windows NT Workstation 4.0	7/29/1996	6/30/2002	6/30/2004	Not Applicable	
Windows NT Workstation 4.0 Developer Edition	7/29/1996	6/30/2002	6/30/2004	Not Applicable	

Last Review : May 4, 2005

© 2006 Microsoft Corporation. All rights reserved.

