

Date June 12, 2006

**APPROVING AN EXCEPTION TO THE PROCUREMENT ORDINANCE COMPETITIVE BIDDING REQUIREMENTS FOR GOOD CAUSE AND APPROVING NEGOTIATION AND EXECUTION OF AN AGREEMENT WITH ALEXANDER OPEN SYSTEMS FOR ENGINEERING, DESIGN, AND IMPLEMENTATION OF A COMPREHENSIVE NETWORK UPGRADE TO THE FIBER AND WIRELESS NETWORK INFRASTRUCTURE**

**WHEREAS**, the City of Des Moines has received an independent assessment of the stability and security of the fiber and wireless network infrastructure; and

**WHEREAS**, the independent assessment revealed the need for a comprehensive network upgrade to ensure the security, reliability, and comprehensive network monitoring of network infrastructure; and

**WHEREAS**, Alexander Open Systems is uniquely qualified to provide engineering, design, and implementation services for the network upgrade; and

**WHEREAS**, AOS staff who are certified by the City's network hardware and software vendor will perform required tasks for both the fiber optics and wireless networks, resulting in expenses of \$240,000; and

**WHEREAS**, the Information Technology Director recommends that the above described procurement be exempted from the competitive bidding requirements for good cause shown, pursuant to Section 2-710(a) of the Municipal Code of the City of Des Moines.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA:**

1. That good cause has been shown to exempt the procurement of network engineering services from the Procurement Ordinance competitive bidding requirements.
2. That the City Council hereby accepts and approves the procurement of services for network engineering and payment to Alexander Open Systems, 6592 S. 118<sup>th</sup> Street, Omaha, Nebraska, 68137, in the amount of \$240,000.00 and the Information Technology Director is authorized to negotiate an agreement for the above described services, subject to review and approval as to form by the Legal Department, and the City Manager is authorized and directed to execute such agreement.

(Council Communication No. 06- 334)

MOVED BY \_\_\_\_\_ TO ADOPT.

APPROVED AS TO FORM:

*Ann DiDonato*  
Ann DiDonato, Assistant City Attorney

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
KIERNAN				
HENSLEY				
MAHAFFEY				
BROOKS				
VLASSIS				
TOTAL				
MOTION CARRIED			APPROVED	
_____ Mayor				

**CERTIFICATE**

I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

\_\_\_\_\_ City Clerk



**Council  
Communication**  
Office of the City Manager

<b>Date</b>	June 5, 2006	3B
<b>Agenda Item No.</b>	40B	
<b>Roll Call No.</b>	06-1115	
<b>Communication No.</b>	06-334	
<b>Submitted by: Debra E. Christopher, Chief Information Officer</b>		

**AGENDA HEADING:**

Approving purchase of services from Alexander Open Systems for engineering, design, and implementation of a comprehensive network upgrade for the fiber and wireless network infrastructure, exempted from competitive bidding and advertising requirements, \$240,000.

**SYNOPSIS:**

Recommend approval to waive the competitive bidding and advertising requirements in order to contract with Alexander Open Systems (AOS) (6592 S. 118<sup>th</sup> Street, Omaha, NE, 68137, Tony Berg, President and COO, North Central Region) for implementation of a three-phased project to ensure the security, reliability, and comprehensive network monitoring of the City of Des Moines (CDM) fiber and wireless network infrastructure.

- Phase 1 will establish core network redundancy, increase security, establish additional firewalls, and fully implement network monitoring software.
- Phase II will provide denial of service protection, increased network filtering, and will limit intrusion.
- Phase III will provide wireless network security, extranet security, and further deployment of dynamic IP management.

**FISCAL IMPACT:**

Amount: \$240,000

Funding Source: 2005-06 CIP, Page Municipal Improvements – 9, CP034, IFT990000, Enhanced City-wide Information and Communication Systems, G. O. Bonds. This project will replace the following: Document Management – Phase I - \$240,000.

**ADDITIONAL INFORMATION:**

The Information Technology Department has prepared a three-phased plan and associated projected costs for the upgrade of the City’s fiber and wireless network components. The improvements will establish network redundancy, broaden security, increase automated network management functions, and ensure overall reliability of the network.

This action approves the purchase of network engineering labor in the amount of \$240,000. The total projected project cost is \$676,000. Another item on the Council Agenda for June 5, 2006 recommends the purchase of related hardware in the amount of \$436,000. The proposed plan, timeline, and cost detail are available for public inspection in the Chief Information Officer's office.

Staff is requesting exemption from the regular competitive bidding process and advertising requirements for this purchase. The Chief Information Officer has conducted an informal bidding process by contacting various vendors who provide network engineering services. Hourly price quotations obtained through this research indicate that AOS is the lowest cost provider of these services. AOS quoted labor rates 50% below the next competitor, with an additional discount because the firm does not charge for travel or related expenses. Also, AOS is located regionally in Omaha, Nebraska and also has staff based in Des Moines.

AOS is uniquely qualified for this project because their staff is certified by the City's network hardware and software vendor, Cisco Systems. AOS also has sufficient depth in network engineers and analysts to perform the required tasks for both the fiber optics and wireless networks. The lead network engineer for this project has a degree in electrical engineering and is Cisco-certified in network security.

**PREVIOUS COUNCIL ACTION(S): NONE**

Date:

Roll Call Number:

Action:

**BOARD/COMMISSION ACTION(S): NONE**

Date:

Roll Call Number:

Action:

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Approval of related action on June 5, 2006 Council agenda for purchase of Cisco Systems hardware.