

27.



City of West Allis Matter Summary

7525 W. Greenfield Ave.
West Allis, WI 53214

File Number	Title	Status
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2006-0597 Request In Committee

Communication from the Manager of Information Technology requesting approval to replace current AT&T leased communication lines serving the Water Utility with wireless equipment to be owned by the City of West Allis.

Introduced: 10/3/2006

Controlling Body: Public Works Committee

COMMITTEE RECOMMENDATION APPROVE

ACTION DATE:	MOVER	SECONDER		AYE	NO	PRESENT	EXCUSED
<u>10-3-06</u>			Barczak				
			Czaplewski				
			Dobrowski	-			
			Kopplin	✓			
			Lajsic				
			Narlock	✓			
			Reinke				
	✓		Sengstock	✓			
		✓	Vitale	✓			
			Weigel				
			TOTAL	<u>5</u>	<u>-</u>		

SIGNATURE OF COMMITTEE MEMBER

[Signature]
Chair Vice-Chair Member

COMMON COUNCIL ACTION **APPROVAL**

ACTION DATE:	MOVER	SECONDER		AYE	NO	PRESENT	EXCUSED
<u>OCT 03 2006</u>		✓	Barczak	✓			
			Czaplewski	✓			
			Dobrowski	✓			
			Kopplin	✓			
			Lajsic	✓			
	✓		Narlock	✓			
			Reinke	✓			
			Sengstock	✓			
			Vitale	✓			
			Weigel	✓			
			TOTAL	<u>10</u>	<u>-</u>		



September 28, 2006

Mayor Bell and Common Council
7525 West Greenfield Avenue
West Allis, WI 53214

Honorable Mayor and Council Members:

The City of West Allis is currently paying AT&T about \$11,000 a year for TI communication lines between the two water towers and the reservoir. This essential link provides water levels and pump status information from each water tower to the control room at the reservoir. The Division of Information Technology proposes to replace the current AT&T lease lines with wireless equipment owned and operated by the City.

The initial cost of the equipment will be around \$20,000 and the system will pay for itself within 18 months. Once installed there will be no yearly costs. Installation of this equipment will be done by Department of Public Works and the Department of Information Technology.

The wireless network will also provide Water Division employees at the reservoir full network access capabilities to the City network resources. This includes access to the Internet, email, files, documents, etc.

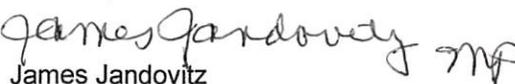
This system will also greatly enhance the security of the water supply for the City of West Allis by allowing us to place multiple motioned activated cameras in and around the water towers and at the City reservoir. These types of cameras are currently being used at various locations around the City to provide security. The cameras can alert the Police and Water Department employees when motion is detected at their location. The live video can then be viewed from the Police Dispatch Center in order to determine the scope of the problem. Signs can be placed by each location warning that this area is under video surveillance to help deter any crimes in and around the City's water supply.

This wireless system will also provide a backup link for the phones system to the Police department. The current phone system is using a series of optical fiber running throughout the City. Currently the City uses leased lines from AT&T as a backup to the fiber. This wireless network would eliminate the need for these leased lines saving the City an additional \$5,000 each year. If the optical fiber being used for the Police phone system is broken by either a natural disaster or man-made event, the phone system would automatically switch to use the wireless network.

The wireless antennas are 8" (H) x 8" (W) x 3" (D) and weigh under 3 pounds.

In conclusion I request approval to move forward with this proposal with the assistance of the Department of Public Works.

Sincerely,


James Jandovitz
Manager of Information Technology