



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Approve Wide Area Network (WAN) Project as Prepared by Angus-Hamer, Inc. (\$235,000)

MEETING DATE: November 4, 1998

PREPARED BY: Information Systems Manager

RECOMMENDATION: That the City Council approve the Wide Area Network (WAN) project proposal as prepared by Angus-Hamer, Inc. for a total of \$235,000 net new funds which will supplement the previously authorized \$60,000 for the WAN equipment.

BACKGROUND INFORMATION: One of the City's major goals is to enhance access to information as well as to enhance customer service. As a means to achieve this goal, Council authorized staff, on April 1, 1998 to hire Angus-Hamer, Inc. to engineer a Wide Area Network (WAN) which would in essence connect all City departments via computers. Council also authorized staff to expend a total of \$15,000 for the engineering study and \$60,000 for the WAN equipment.

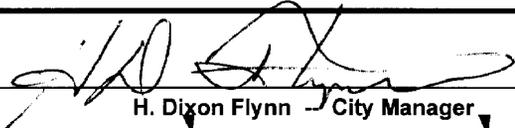
Larry Angus, Principle of Angus-Hamer, Inc., has now completed his engineering study and has proposed a WAN solution which is considerably more costly than the \$60,000 staff estimate. The cost differential can be attributed to many factors including the following:

- The Police Department is required, for security purposes, to have a sound firewall in place to eliminate unwanted hackers from accessing the system.
- There is a definite need to upgrade on-site fiber optic cabling and the need to install new fiber optic cable.
- There is a necessity of providing secure Internet access and e-mail for all City Staff.
- The design called for additional equipment to facilitate tighter integration of Department's computer resources as a result of remote City sites. As an example, both the Police Department and the Fire Department are represented in four locations and each must operate as one unit. Likewise, the Public Works Department is located in three sites and must operate as one unit.

Short of contracting with a different consultant to re-engineer the Angus-Hamer Inc. solution, staff members have analyzed the proposal and have spoken with reputable individuals involved in information systems to ascertain the appropriateness of the project for the City of Lodi. It has been a consensus that the project is sound and appropriate for the City's needs.

Mr. Angus, in his proposal, identifies the various components which are necessary for the WAN and compares the costs of equipment as proposed by various vendors. Mr. Angus compared equipment costs and product quality and concluded that Cisco Systems would be the best provider for the necessary components.

APPROVED: _____


H. Dixon Flynn - City Manager



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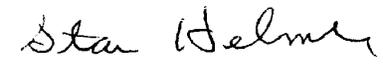
The total project cost is \$295,000, which includes the previously authorized \$60,000 equipment expenditure. The net new cost necessary to implement the WAN is \$235,000. The Departments, which have been requested to financially participate in the acquisition of this system, are overwhelmingly supportive of the project.

FUNDING:	Electric Utility Capital Fund Balance	\$65,000
	Water	\$35,000
	Wastewater	\$35,000
	Streets	\$10,000
	Transit	\$10,000
	General Fund	\$48,000
	Asset Seizure	\$32,000

Funding Available:


 Vicky McAthie
 Finance Director

Respectfully,


 Stan Helmle
 Information Systems Manager

APPROVED: _____

H. Dixon Flynn -- City Manager

RESOLUTION NO. 98-161

A RESOLUTION OF THE LODI CITY COUNCIL
APPROVING THE FUNDING FOR THE WIDE AREA
NETWORK (WAN) PROJECT

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WHEREAS, on April 1, 1998 the City Council authorized staff to hire Angus-Hamer, Inc. to engineer a Wide Area Network (WAN) which would in essence connect all City departments via computers; and

WHEREAS, Council also authorized staff to expend a total of \$15,000 for the engineering study and \$60,000 for the WAN equipment; and

WHEREAS, the engineering study has been completed by Angus-Hamer, Inc., and has proposed a WAN solution which is considerably more costly than the \$60,000 staff estimate which can be attributed to many factors; and

WHEREAS, the total project cost is \$295,000 which includes the previously authorized \$60,000 equipment expenditure and the net new cost necessary to implement the WAN is \$235,000.

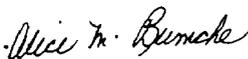
NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Lodi does hereby approve the Wide Area Network (WAN) project proposal as prepared by Angus-Hamer, Inc. for a total of \$235,000.00, which will supplement the previously authorized \$60,000.00 expenditure for the WAN equipment.

Dated: November 4, 1998

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I hereby certify that Resolution No. 98-161 was passed and adopted by the City Council of the City of Lodi in a regular meeting held November 4, 1998, by the following vote:

AYES: COUNCIL MEMBERS – Land, Mann, Pennino and Sieglock (Mayor)
NOES: COUNCIL MEMBERS – Johnson
ABSENT: COUNCIL MEMBERS – None
ABSTAIN: COUNCIL MEMBERS – None


ALICE M. REIMCHE
City Clerk