



Legislation Text

File #: 02127, **Version:** 1

Fiscal Note

Grant funding is available in a segregated fund (SG35). No appropriation is required.

Title

Authorizing the Mayor and City Clerk to sign a contract with Radio-IP Software, Inc., to purchase certain "middleware" software and enter into a 3-year maintenance agreement for maintenance and support services.

Body

WHEREAS, the Madison Police and Fire Departments, since 1994, have been part of a 19 agency consortium who have shared a Motorola mobile data wireless communications (RD-LAP) network through the Dane County 911 Public Safety Communications Center; and

WHEREAS, City of Madison Traffic Engineering Communications Section is responsible for maintaining and supporting the mobile data wireless communications network for Dane County 911 Public Safety Communications Center, which serves Madison Police and Fire Departments and other local law enforcement agencies; and

WHEREAS, there have been minimal upgrades (base stations and additional frequencies) to the mobile data wireless communications network since 1994, and complete replacement of the existing mobile data wireless network is not envisioned for another two to five years; and

WHEREAS, the existing mobile data wireless communications network has a limited capacity for sending the receiving data; and

WHEREAS, Madison Police and Fire personnel over the past three years have increasingly used and relied upon the existing mobile data wireless network to send and receive more information (e.g. RMS contact information, digital photos, AVL for MFD paramedic units); and

WHEREAS, City and Dane County staff have researched and tested new "middleware" technologies that seek to compress data packets so that older wireless communication networks can be used to more efficiently send and receive wireless data communications, identified two companies nationwide that offer such a product and services capable of meeting our needs and conducted side-by-side trials of the two; and

WHEREAS, the City and Dane County staff have identified Radio-IP Software, Inc., as the vendor who has created and licensed "middleware" technology specifically for Motorola RD-LAP mobile data wireless communication networks that will best suit the needs; and

WHEREAS, the implementation of this "middleware" technology will provide the Madison Police and Fire Departments with improved wireless data communications until complete replacement of the existing network can be planned and budgeted for; and

WHEREAS, the Madison Police Department has approved and budgeted funds in their FY2003 COPS Regional Data grant to enhance Dane County 911 Center communication technologies to purchase necessary software and maintenance and support services.

NOW, THEREFORE, BE IT RESOLVED that the police department is authorized to negotiate and Mayor and City Clerk are authorized to sign a contract with Radio-IP Software, Inc. for the purchase of the necessary "middleware" software, and up to three (3) years of maintenance and support services.