

**TOWN OF
APPLE VALLEY, CALIFORNIA**

AGENDA MATTER

Subject:

AUTHORIZE PURCHASE OF GIS HARDWARE AND SOFTWARE

Summary Statement:

Information Systems and Planning divisions are seeking approval to purchase approximately \$155,000 in software and equipment necessary to provide an upgrade for the existing Geographic Information System (GIS) software and provide upgrades to the existing server infrastructure. Purchasing both software and hardware collectively enables the Town to save approximately \$50,000 in hardware costs as compared to purchasing each component individually as was originally proposed during consideration of the proposed budget for this fiscal year. Also, the purchase of the proposed network server will appreciably improve the speed of every end user's workstation within the organization.

The GIS program provides a means of graphically displaying maps showing overlays of services (i.e. sanitation, sewer information, street signs, etc) upon high definition aerial photography of the Town. The Planning Division would continue to manage the system and provide information to be used by all departments including Public Works, Code Enforcement, Economic Development & Housing, Engineering and Building & Safety.

(Continued)

Recommended Action:

1. Approve the purchase of \$120,000.00 in hardware from CDW Government, Inc. and GIS software in the amount of \$35,000 from ESRI necessary to improve the Town's GIS systems.
2. Adopt budget amendment number 12-7 in the total amount of \$155,000 appropriating necessary funding from General Fund fund balance.

Proposed by: Jason Hall, Information Systems Supervisor **Item Number** _____

T. M. Approval: _____ **Budgeted Item** Yes No N/A

Summary Statement
Page Two

This system impacts and benefits all personnel throughout the organization, its contractors, vendors and its citizens. Purchase of this type of solution will ultimately result in savings for the Town from costs that would otherwise be incurred for purchasing maps and the skilled contractors necessary to create those GIS maps. Additionally, free software data from federal, state and regional planning agencies would be able to be utilized in conjunction with the upgraded software.

To ensure the TOAV receives the lowest cost, IS gathered three pricing quotes (attached) from separate vendors for workstations, network attached storage (NAS) and servers, where possible. The software component of this installation is available by the sole sourced provider ESRI, and no other quotes are available. CDW Government Inc. (CDW-G) was the lowest bid for the server devices necessary to support the installation, and only narrowly more expensive for the NAS device. The advantage in purchasing the NAS from CDW-G, in addition to the server components, is in the support options provided by CDW-G which are not available from either of the other providers. Finally, to guarantee workstations are within specifications to run the software components, the workstations will need to be purchased direct from the manufacturer (quote attached).

IS recommends the purchase of the NAS and server components be made through CDW Government Inc., an approved State of California vendor, who provides pricing under the California Multiple Award Schedules (CMAS) program, that software be purchased through the sole-source provider ESRI and workstations be purchased directly from Hewlett Packard.

Attachment:

Budget Amendment 12-7



TOWN OF APPLE VALLEY

BUDGET AMENDMENT REQUEST

12-7

Requesting Department	Prepared By	Date Prepared
Information Systems	Jason Hall/Darlene Drenk	October 18, 2011

REVENUES AND OTHER FINANCING SOURCES

Account Description	Fund	Dept	Account No.	Amendment Amount
REVENUE TOTAL				-

EXPENDITURES AND OTHER FINANCING USES

Account Description	Fund	Dept	Account No.	Amendment Amount
GIS Hardware	1001	1090	7330-0000	120,000
GIS Software	1001	1090	7330-0000	35,000
EXPENDITURE TOTAL				155,000

PURPOSE

Appropriate funds for purchase of software and equipment necessary to provide an upgrade for the existing Geographic Information System (GIS) software and provide upgrades to the existing server infrastructure.
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Department Director	Date	Accounting Manager	Date

Town Manager	Date	Entered by	Date