

PUBLIC WORKS DEPARTMENT
MEMORANDUM #2010 – 48

DATE: September 23, 2010
TO: Honorable Mayor Joyce Downing and City Council Members
FROM: William A. Simmons, City Manager *WAS*
David H. Willett, Director of Public Works
Bob Lehr, Director of Information Technology
Amy L. Ward, Utilities Engineer *AW*
SUBJECT: CR-130 Asset Management Software Procurement

BACKGROUND

On September 7, 2006, the Integrated Technology Master Plan (Master Plan) was presented to City Council. Among the items identified in the Master Plan were the Performance Management System, the Financial Management System and the Infrastructure Maintenance System. Following City Council's consent, staff began the process of executing the Master Plan the following year. Over time some of the items, including the Performance Management System, were eventually eliminated from the Master Plan schedule. Others, such as the Financial Management System, are currently in the implementation phase. The Infrastructure Maintenance System or Asset Management Program, is the final item identified by the Master Plan for implementation pending City Council approval.

Asset management programs are used by both state and local governments throughout the country for long-range planning, capitalization, operations and maintenance scheduling, and prioritization of capital improvement programs. An asset management program is designed to track system information such as infrastructure characteristics, functionality, changes in system conditions, and maintenance requirements. The City of Northglenn currently has over 120 miles of waterline, 10 lift station, approximately 105 miles of roadway, over 350 acres of parks, etc. An asset management program would track all of the City of Northglenn's infrastructure to maximize service to citizens while minimizing the operational and maintenance costs. The asset management program will provide an avenue for tracking maintenance activities associated with infrastructure including: developing work orders, handling requests for service, providing maintenance alerts, documenting tests and inspections, and reporting.

The two asset management programs capable of synchronizing with the City's GIS system and equipped to track all aspects of the City's infrastructure are Cityworks and Cartegraph. The City requested quotes from both firms and the quotes were as follows: \$44,060.00 for Cityworks with an annual maintenance cost of \$5,225.00 and \$52,750.00 for Cartegraph with an annual maintenance cost of \$15,500.00. Staff recommends approval of the purchase of the Cityworks asset management program. Not only is Cityworks less expensive, but it is capable of communicating with the City's Financial Management software and the City's software for televising utility lines.

BUDGET/TIME IMPLICATIONS

The cost of the Asset Management Software as proposed is \$44,060.00. The proposed purchase would be funded out of the 2010 Capital Improvement Fund as a part of the Integrated Technology Master Plan project, that is funded out of the General Fund. The \$5,225.00 will not apply for the first year and will be funded out of the Public Works Operating Budget for future maintenance support.

RECOMMENDATION

Attached to this memorandum is a Resolution that, if approved, would allow the City Manger to issue a Purchase Order to Cityworks in the amount of \$44,060.00 for the purchase of all software, hardware and maintenance agreements necessary for the implementation of an asset management program. Staff recommends approval of this resolution.

STAFF REFERENCE

David H. Willett, P.E., Director of Public Works
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SPONSORED BY: MAYOR DOWNING

COUNCILMAN'S RESOLUTION

RESOLUTION NO.

No. CR-130
Series of 2010

Series of 2010

A RESOLUTION TO AUTHORIZE THE CITY MANAGER TO ISSUE A PURCHASE ORDER TO CITYWORKS IN AN AMOUNT NOT TO EXCEED \$44,060.00 FOR THE PURCHASE OF SOFTWARE FOR THE ASSET MANAGEMENT PROGRAM

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTHGLENN, COLORADO, THAT:

Section 1. The City Manager is hereby authorized to issue a Purchase Order to Cityworks in an amount not to exceed \$44,060.00 for the purchase of software for the Asset Management Program.

DATED at Northglenn, Colorado, this ____ day of _____, 2010.

JOYCE DOWNING
Mayor

ATTEST:

JOHANNA SMALL, CMC
City Clerk

APPROVED AS TO FORM:

COREY Y. HOFFMANN
City Attorney