



**City of Rochester Hills
AGENDA SUMMARY
FINANCIAL ITEMS**

**1000 Rochester Hills Dr.
Rochester Hills, MI 48309
248.656.4630
www.rochesterhills.org**

Legislative File No: 2010-0519

TO: Mayor and City Council Members
FROM: Scott Cope, Director of Building Department
DATE: November 18, 2010
SUBJECT: Energy Management System

REQUEST:

The Building Department requests approval for the purchase of energy management systems for the DPS/Garage and Fire Stations #2, #3, #4 and #5 to Metro Environmental, Inc., Clinton Township, Michigan in the amount of \$84,804.82 with a contingency of \$7,695.18 for a total not-to-exceed amount of \$92,500.00 and authorizes the Mayor to execute a contract on behalf of the City.

REASON FOR PURCHASE:

Recognizing the need to improve energy efficiencies in public buildings, the City included in its submission for American Recovery and Reinvestment Act (ARRA) funds and received EECBG funding approval of \$92,500 for energy management systems for the DPS/Garage as well as Fire Station #2, #3, #4 and #5.

A Request for Proposals (RFP) was solicited in July, 2010. Two (2) proposals were received and evaluated. Product, quantities and cost clarifications were requested from firms. Metro Environmental, Inc. was selected as offering the best value, based on the proposed energy management system meeting the requirements of the City with product design, flexibility and operability, the experience and professionalism of the firm's personnel to perform the installation and calibration and extremely positive references. The City further negotiated final pricing for products and materials, services and future support costs for the equipment. The cost of the project includes compliance with Federal requirements attached to the stimulus funding.

The energy management system by Automated Logic WebCTRL is a building automation system allowing access via a standard web browser. The system is a tool to achieve sustainable building operations, balancing efficiency with comfort. It provides the ability to automate HVAC equipment and adjust settings to gain energy efficiency and minimize building energy consumption. The software is easy to use and maintain and is expandable to other City buildings and utilities as electrical, gas and water without additional licenses.

The estimated energy savings is \$6,000 per year for the DPS Building and \$600 per year for each fire station.

The City is in the process of completing the replacement of the HVAC system at Fire Station #1. City Council approved a project budget of \$285,000.00, inclusive of an energy management system. In an effort to standardize and network equipment, pricing for an energy management system was negotiated with Metro Environmental at \$26,238.5 for Fire Station #1. With the inclusion of the energy management system, the Fire Station #1 HVAC project will remain within the project budget approved by City Council.

PROCESS:

Vendor Name and Address:

Metro Environmental, Inc.
 22656 Fifteen Mile Road
 Clinton Township, MI 48035

Reason for Selection:

Best Value

Method of Purchase:

Contract/Blanket Purchase Order

BUDGET:

*Funding for this project is included as part of the 4th Qtr 2010 Proposed Budget Amendment

*all funding is anticipated to be reimbursed at 100% by the EECBG Grant

Fund Name	Department Account No	Account No. Description	2010 Proposed Budget Amount	Cost	Remaining Budget
631 Facilities	480.807000	EECBG-Contractual	\$92,500	(\$92,500)	0

RECOMMENDATION:

It is recommended that the Rochester Hills City Council approve of the purchase of energy management systems for the DPS/Garage and Fire Stations #2, #3, #4 and #5 to Metro Environmental, Inc., Clinton Township, Michigan in the amount of \$84,804.82 with a contingency of \$7,695.18 for a total not-to-exceed amount of \$92,500.00 and authorizes the Mayor to execute a contract on behalf of the City.