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Public Works

City Transit
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MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Gregg Mandsager, City Administrator
CC: Fran Donelson, Secretary
FROM: Randy Hill, Public Works Director
DATE: October 31, 2011
RE: Oil Dispensing System

INTRODUCTION:

The City of Muscatine has used an automated oil dispensing system since the facility was constructed (1985) and the current system since 1997.

BACKGROUND:

In March 2011 the fluid dispensing system for oil quit working. This system services 7 tanks – 6 for oil and one for washer fluid. Since that time we have had to manually hand pump the fluids. This creates a considerable mess around the tanks and increases the risks for errors when reporting amounts of fluids used. Further, when the tanks need to be refilled, the manual pumps have to be removed and stored temporarily causing even more spillage of fluids on the vehicle maintenance surfaces.

RECOMMENDATION/RATIONALE:

Vehicle Maintenance Supervisor Gale Fry has secured three bids for replacement of the automated oil dispensing unit. The low bid is from Pipeco Co. in the amount of \$13,141.50. We have used Pipeco Co. in the past with good results.

BACKUP INFORMATION:

1. Memo from Gale Fry dated October 17, 2011
- 2.
- 3.
- 4.

**"I remember Muscatine for its sunsets. I have never seen any
on either side of the ocean that equaled them" — Mark Twain**

MEMORANDUM

TO: Randall E. Hill, Public Works Director
FROM: Gale M. Fry, Vehicle and Equipment Services Supervisor
RE: Oil Dispensing System
DATE: October 17, 2011

In March 2011, the fluid dispensing system for oil quit working. There was a problem with the control panel and the electricity to the main control panel. We had an electrician come and check the control panel, but he was unable to help with any repairs.

As a result, we had to purchase hand pumps to dispense the oil when servicing vehicles or equipment. We also are keeping track of what is dispensed by writing everything down on paper instead of using the printer.

We went out for bids for a new dispensing unit. I contacted the following vendors:

Pipeco Co.
Acterra Group
Standard Industrial & Auto Equip., Inc.

The three bids came in as follows:

Pipeco, Co. - \$13,141.50 - National Spencer OMS-9007 Control and 8 National Spencer #1522RF guns.

Standard Industrial & Auto Equipment, Inc. - \$13,530.00 - Graco Matrix Profession Total Fluid Management System - includes 8 control handles and air controlled switches.

Acterra Group - \$15,773.69 - 2 - Lincoln Dispense Unit, 8 - Lincoln combo unit, 8 - Lincoln Ready lights, 1 Lincoln keypad, 1 - Lincoln PC software, 1 Lincoln Master solenoid, 1 Lincoln pigtail connector.

Our feeling is that Pipeco, Co. would be acceptable. They have a fail-safe system and are low bid. We did not have anything budgeted for this.

If you have any questions, please contact me.

attachments