

## **City Council Agenda Summary Sheet (Purchases)**

**Agenda No:** 2004-0220  
**Date:** June 30, 2004  
**Prepared By:** Roger Rouse, DPS Director  
**City File No:** n/a

**Meeting Date:** July 21, 2004

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### **PURPOSE:**

To authorize the services of William E. Walter, Inc., a professional, licensed firm to provide the City of Rochester Hills Fire Department with HVAC modifications to the existing HVAC roof top unit and internal ductwork servicing the Dispatch Center, one administrative office, one conference room and one office/file room.

### **DISCUSSION:**

During construction of the Dispatch portion of the Public Safety Building there were cost overruns that necessitated minimizing standard control features on the HVAC system to meet the available budget. The consequences of those reductions include:

- Wide variations in the room temperatures (+/- 10 degrees) because a single thermostat is used for controlling temperatures in four separate areas. Those rooms that have window exposure experience the widest temperature fluctuations. Also, when the conference room is occupied by large groups, it tends to raise the temperature. However, the room temperature is slave to the master thermostat, which is situated in another separate portion of the building.
- The HVAC system is cycled on/off at maximum velocity due to the lack of valve and fan speed controls. The sound created by the large volume of air passing through diffusers is loud enough to intrude on the dispatchers ability to listen to radio and phone transmissions.
- In order to provide individual temperature control for each room, a constant volume of air needs to be delivered to the spaces. The current control system cannot be turned on/off as it operates to adjust the temperatures in dispatch.

Modifying the existing HVAC system to a variable air volume (VAV) type system would allow for greater individual temperature control. VAV systems supply air through an air volume box controlled by an individual thermostat, which provides for more stable temperatures in each room.

Due to a delay in awarding a contract, the cost of the project has been increased from \$38,865.00 to \$42,210.00.

### **FISCAL INFORMATION:**

<b>Fund Name</b>	<b>Fund Account #</b>	<b>Description</b>	<b>Budget Amount</b>	<b>Cost</b>	<b>Remaining Budget</b>
631	976000	Building Improvements	-0-	\$42,210.00	(\$42,210)

**Vendor Name and Address:**

William E. Walter, Inc.  
1917 Howard Ave.  
Flint, MI 48501

**Reason for Selection:**

Best value; most qualified

**Method of Purchase:**

Blanket Purchase Order

**RECOMMENDATION:**

That the Rochester Hills City Council authorizes a blanket purchase order to William E. Walter Inc., as the professional, licensed firm to provide the City of Rochester Hills with HVAC modifications needed for the Rochester Hills Fire Station No. 1 Dispatch Center in the amount not-to-exceed \$42,210.00 for a period of one year.

**ATTACHMENTS:**

Service Proposal

Department Authorization: Roger Rouse, Director

Reviewed by:

Fiscal: *Jean Farris*

Clerks: *Susan Koliba-Galeczka*

Approved by: *Pat Somerville*

**RESOLUTION**

**NEXT AGENDA ITEM**

**RETURN TO AGENDA**

