



**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: 2007-0034

TO: Mayor and City Council Members

FROM: Roger Rousse, Department of Public Service, 841.2497

DATE: February 7, 2007

SUBJECT: Maintenance and Repair of Traffic Signals, SCATS, School Flashers and LED Upgrades

REQUEST:

City Council is requested to authorize the issuance of a blanket purchase order to the Road Commission for Oakland County (RCOC) for the maintenance and repairs or upgrades of existing traffic signals, SCAT cost and school flashers for a total blanket purchase order amount of \$150,000.00, which includes a \$20,000.00 contingency for miscellaneous items and any inflationary costs associated with the traffic signals operation and maintenance.

REASON FOR PURCHASE:

Under the terms and conditions of separate agreements with the RCOC, the City of Rochester Hills has agreed to pay for a percentage of costs associated with maintaining traffic signals on our major roads. The actual cost to maintain and/or repair traffic signals can vary significantly from month to month. The actual costs include electricity, labor, equipment and materials. Last year the cost billed to the City by the RCOC for traffic signal maintenance and/or repairs was approximately \$95,000.00. Also, there are two (2) additional traffic signals that will require ongoing operation and maintenance that have recently been installed in the City at 1) Adams and Forrester Blvd, installed with the Adams Road Realignment Project, and at 2) Tienken and King's Cove, installed with the Tienken Bridge Replacement Project. The estimated additional annual maintenance costs for these two (2) signals amounts to approximately \$5,000.00 (\$2,500.00 per), thus bringing the total estimated traffic signal maintenance costs for 2007 to \$100,000.00.

The City is currently in discussions with the Avondale School District regarding upgrading two (2) school flashers along Auburn Road: 1) Avondale Meadows Upper Elementary and 2) Reuther Middle School. The proposed cost share is 50% school, 25% Michigan Department of Transportation (MDOT), and 25% City of Rochester Hills for a total City cost of approximately \$10,000.00 (\$5,000.00 per).

Additionally, the City is currently in discussions with the RCOC regarding upgrading the existing traffic signal at the intersection of Brewster/Walton Blvd to incorporate the new four (4) phase left-turn signal (RCOC brochure attached), as has been installed at the intersections of Old Perch/Walton Blvd and Adams/Auburn. Safety concerns regarding the left-turn movements at the intersection of Brewster/Walton Blvd have routinely been discussed at the Advisory Traffic and Safety Board (ATSB) meetings. The installation of the new flashing yellow left-turn signal will provide improved safety and minimize traffic delays. The estimated cost for the City's portion of upgrading this traffic signal with the new left-turn signal is approximately \$20,000.00 (based on last year's cost for upgrading the signal at Old Perch/Walton Blvd).

The total 2007 estimated costs for traffic signal operations, maintenance, and/or upgrades are \$130,000.00. It is also requested that an additional \$20,000.00 be authorized to account for miscellaneous items and contingencies and any inflationary costs associated with the traffic signals operation and maintenance.

PROCESS:

Vendor Name and Address:

Road Commission for Oakland County
 2420 Pontiac Lake Road
 Waterford, Michigan 48328

Reason for Selection:

Terms and Conditions of a Separate Agreement

Method of Purchase:

Purchase Order

BUDGET:

Costs associated with the traffic signal maintenance were identified in the 2007 annual operating budget for the amount of \$150,000.00.

Fund Name	Department Account No	Account No. Description	Budget Amount	Cost	Remaining Budget
Major Road	472.807003	Traffic-Contractual Oakland County	\$150,000.00	\$150,000.00	\$0

RECOMMENDATION:

It is recommended that City Council authorize the issuance of a blanket purchase order to the Road Commission for Oakland County (RCOC) for the maintenance and repairs or upgrades of existing traffic signals, SCAT cost and school flashers for a total blanket purchase order amount of \$150,000.00.

RESOLUTION

NEXT AGENDA ITEM

RETURN TO AGENDA

APPROVALS:	SIGNATURE	DATE
Department Review		

Department Director		
Budget Content: Finance Director		
Purchasing Process: Supervisor of Procurement		
Mayor		
City Council Liaison		

I:\Eng\TRAF\AGREEMENTS\2007-0000\City Council Summary Sheet 2007-01-08.doc