



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

**1000 Rochester Hills Dr.
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Legislative File No: 2006-0496

TO: Mayor and City Council Members

FROM: Roger Rousse, Director, Department of Public Service, Ext. #2497

DATE: **July 12, 2006**

SUBJECT: Avon Intersection Improvements @ Livernois & Rochester Roads and Butler Road Improvements-Professional Construction Engineering Services

REQUEST:

Preliminary Engineering

The Department of Public Service is requesting that City Council approve an amendment to the Continuing Professional Service Agreement between Orchard, Hiltz & McCliment, Inc. and the City of Rochester Hills for additional costs incurred during the design of the Avon Intersection Improvements @ Livernois & Rochester Roads and increase the blanket purchase order from \$38,552.00 to a new not-to-exceed amount of \$46,592.00 and authorize the Mayor and Clerk to execute the amended contract on behalf of the City.

Construction Engineering

The Department of Public Service is requesting that City Council approve an additional Professional Construction Engineering Services Agreement between Orchard, Hiltz & McCliment, Inc. and the City of Rochester Hills for the Avon Intersection Improvements @ Livernois & Rochester Roads and Butler Road Improvements Project in a not-to-exceed amount of \$66,922.00 and authorize the Mayor and Clerk to execute a contract on behalf of the City.

REASON FOR PURCHASE:

In May of 2005, City Council approved the Continuing Service Agreement with Orchard, Hiltz & McCliment, Inc. for the Avon Intersection Improvements, which were identified in the 2005 Capital Improvement Plan (C.I.P.) and the 2005 Adopted Budget for Avon, west of Livernois (MR-49A) and Avon, east of Rochester (MR-49B). The proposed construction projects involve extending the eastbound center left-turn lane at Avon's intersection with Livernois and extending the westbound right-turn lane at Avon's intersection with Rochester to increase capacity and ease congestion at these locations.

Orchard, Hiltz & McCliment, Inc. (OHM) was selected through the quality base selection process as one (1) of the four (4) firms to provide engineering services to the City of Rochester Hills. OHM submitted a proposal for services to provide preliminary engineering, final design, and assist in contract document & specification procurement for the Avon Intersection Improvement project. The proposal includes an estimate of time and cost for the project.

After the plans were substantially completed, the Road Commission for Oakland County and the City requested added features not included in the original Scope of Services. The revisions included deleting the ditch along Avon Road west of Livernois in favor of curb and gutter. Additional storm sewer design was required to

implement the curb concept along with revisions to affected plan sheets and details. At Rochester Road, the City requested additional storm sewer in conjunction with their Drain project. The storm design was also modified, as were the affected sheets.

Orchard, Hiltz & McCliment designed this project under a previous contract with the City and is extensively involved in every aspects of the project. Because of Orchard, Hiltz & McCliment extensive knowledge and involvement in this project, the department deems it is in the City's best interest that OHM continues with the construction engineering services of the project.

PROCESS:

Vendor Name and Address:

Orchard, Hiltz & McCliment, Inc.
 34000 Plymouth Road
 Livonia, MI 48150

Reason for Selection:

In the City's Best Interest

Method of Purchase:

Blanket Purchase Order
 Amended Continuing Service Agreement
 Service Agreement

BUDGET:

Costs associated with this 2005 Capital Improvement Project were carried over to the 2006 Capital Improvement Plan (CIP) in a 2nd quarter budget amendments and were identified as MR-49A Avon Rd @ Livernois Intersection, MR-49B Avon Rd @ Rochester Intersection and as MR-15B Butler Road Improvements.

The original design work was the City's responsibility for budgeting the entire amount of \$38,552.00 up front, with a two-thirds reimbursement of \$29,685.00 for the Avon Road portion through Tri-Party Program funds and the remaining \$8,867.00 for Butler Road being funded at 100% City cost. The entire additional requested amount of \$8,040.00 for the changes to the design of Avon Rd @ Rochester Road will be two-thirds reimbursed through Tri-Party funds.

The City will be responsible for budgeting the entire project amount for the Avon Rd intersections up front with two-thirds reimbursement of the final cost forthcoming via the 2005 Tri-Party Program Agreement. Butler Road Improvements is 100% City cost.

Applying the project cost breakdown percentages based upon the bid tabs, of the estimated total of \$66,922.00 required for CE, approximately \$35,468.00 (53%) is for Avon Road at Livernois, \$16,061.00 (24%) for Avon Road at Rochester Road, both of which will be two-thirds reimbursable through the Tri-Party program, while the remaining \$15,393.00 (23%) is for the Butler Road CE at 100% City cost.

Fund Name	Department Account No	Account No. Description	Budget* Amount	Cost	Remaining Budget
Major Road	452.970000	Construction (MR-49A)	68,306.14	\$35,468.00	\$32,838.14
Major Road	452.970000	Construction (MR-49B)	11,500.98	\$24,101.00	(\$12,600.02)
Major Road	452.970000	Construction (MR-15B)	9,031.64	\$15,393.00	(\$6,361.36)

* Remaining budget after 2006-0495 (project construction) agenda item.

Orchard, Hiltz and McCliment, Inc. will provide the professional construction engineering services for this project, which includes, staking, inspections and contract administration for this project, which will be charged to the project, along with outside consulting for materials testing and inspection.

A departmental engineer works with our consultant to oversee the direction of this project, including complaint resolution.

RECOMMENDATION:

It is recommended that City Council approve an amendment to the Continuing Professional Service Agreement between Orchard, Hiltz & McCliment, Inc. and the City of Rochester Hills for additional costs incurred during the design of the Avon Intersection Improvements @ Livernois & Rochester Roads and increase the blanket purchase order from \$38,552.00 to a new not-to-exceed amount of \$46,592.00 and authorize the Mayor and Clerk to execute the amended contract on behalf of the City.

It is recommended that City Council approve an additional Professional Construction Engineering Services Agreement between Orchard, Hiltz & McCliment, Inc. and the City of Rochester Hills for the Avon Intersection Improvements @ Livernois & Rochester Roads and Butler Road Improvements Project in a not-to-exceed amount of \$66,922.00 and authorize the Mayor and Clerk to execute a contract on behalf of the City.

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		