



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

**1000 Rochester Hills Dr.
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248.656.4630
www.rochesterhills.org**

Legislative File No: 2005-0204

TO: Mayor and City Council Members

FROM: Roger H. Rousse, Department of Public Services; 248.841.2497

DATE: April 6, 2005

SUBJECT: Tienken & Kings Cove Intersection – City File No. E02-024

REQUEST:

City Council is requested to approve an amendment to a Professional Service Agreement between Hubbell, Roth & Clark, Inc. (HRC) and the City of Rochester Hills to provide additional design engineering for the Tienken and Kings Cove intersection improvements in the amount of \$143,490.00 for a total amended amount not to exceed \$302,840.00.

REASON FOR PURCHASE:

At the September 17, 2003 council meeting, City Council approved entering into a contract with Hubbell, Roth & Clark, Inc. (HRC) for engineering design services for the Tienken Road bridge replacement and traffic signal installation by Kings Cove Drive in the amount of \$159,350.00. Since that time, meetings were held which included the Kings Cove Homeowner Association, the Paint Creek Trailway Committee, the Road Commission for Oakland County and various utility companies. The meetings identified work items outside the original project scope of services such as relocation of major utilities, alternatives for coordination with the Paint Creek Trailway Commission and permitting. HRC is requesting additional compensation be approved to cover these added items in the amount of \$20,340.00.

In addition, it will be necessary for HRC to review a suitable location for salvaging the existing pedestrian bridge on the south side of Tienken and to secure right-of-way and easements necessary for constructing the project improvements. These costs are estimated by HRC to be \$7,460.00 and \$35,740.00, respectively, which includes \$14,000.00 as a reimbursable cost for four parcel appraisals.

Subsequent to the initial design contract award, \$750,000.00 in federal transportation monies was appropriated for the Tienken bridge reconstruction project. Acceptance of federal funds are conditioned upon the project plans meeting the Michigan Department of Transportation (MDOT) format and following the typical design stages of an MDOT project. Modifying the design plans to an acceptable MDOT format is estimated to be \$79,950.00

As indicated on the attached spreadsheet from HRC, the amendment request is as follows:

• Utility relocation, coordination, permitting, etc.	\$ 20,340.00
• Salving the existing pedestrian bridge	\$ 7,460.00
• Right of way acquisition	\$ 35,740.00
• Federal funding requirements	<u>\$ 79,950.00</u>
Total	\$143,490.00

The total project cost was estimated at \$3.0 million when the initial HRC design proposal was brought to Council on September 17, 2003. Total project costs are expected to not only increase from the proposed engineering design work but additional cost increases are also now expected due to relocation of Detroit Edison facilities and the likelihood of MDOT requiring an environmental assessment for the work. The total project cost is now estimated to be \$3.5 million.

Design (\$159,350 + \$143,490.00)	\$ 302,840.00
Construction Engineering - Bridge	\$ 420,000.00
Construction Engineering - Signal	\$ 30,000.00
Land Purchase	\$ 100,000.00
Utility Relocation (preliminary – to be determined by DTE)	\$ 100,000.00
Environmental Assessment* (if required by MDOT)	\$ 50,000.00
Contractors Payments - Bridge	\$ 2,505,000.00
Contractors Payments - Signal	<u>\$ 166,000.00</u>

Total Project Costs **\$ 3,673,840.00**

*Environmental Assessment assumes using the City environmental consultant. This cost could be \$0 if the RCOC performs the effort but RCOC may take much longer to complete the work.

PROCESS:

Vendor Name and Address:

Hubbell, Roth & Clark, Inc.
2001 Centerpoint Parkway, Suite 109
Pontiac, MI 48341

Reason for Selection:

Hubbell, Roth & Clark is one of four firms selected to provide engineering design services using a Quality Based Selection process.

Method of Purchase:

Quality Based Selection

BUDGET:

The design cost associated with the Tienken Road & Kings Cove Intersection-Traffic Signal & Bridge Study is identified in the City's Capital Improvement Plan. The original project design was budgeted in the 2003 budget. The project has continued to grow in scope with an increase in cost. Several funding sources are currently proposed to fund this project which include Tri-Party, federally appropriated Michigan Transportation Funds, RCOC construction engineering, and City major road funds.

The design and right-of-way acquisition will be completed in 2005. Construction of the Tienken bridge replacement and traffic signal was originally planned and budgeted in 2005. The 2005 budget of \$1,460,000 is for construction (MR-06A and MR-06B), not design. However, due to following MDOT's guidelines and the DTE utility relocation coordination, construction will be delayed to 2006. A 2005 budget amendment will be proposed to eliminate most of the construction costs, but keep a budget to cover this design.

Fund Name	Department Account No	Account No. Description	Budget Amount	Cost	Remaining Budget
Major Roads	452.970000	MR-06A and MR-06B	\$1,460,000	\$107,750	\$1,352,250
Major Roads	452.973000	Land - ROW	\$33,370	\$35,740	(\$2370)

RECOMMENDATION:

City Council is requested to approve an amendment to a Professional Service Agreement between Hubbell, Roth & Clark, Inc. (HRC) and the City of Rochester Hills to provide additional design engineering for the Tienken and Kings Cove intersection improvements in the amount of \$143,490.00 for a total amended amount not to exceed \$302,840.00.

ATTACHMENTS:

HRC letter by Daniel W. Mitchell, P. E., dated January 17, 2005 (Ltr08.doc)
 Additional items hours and fees spreadsheet - Table 1 (Budget_design.xls)

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		