



City of Rochester Hills
AGENDA SUMMARY
FINANCIAL ITEMS

1000 Rochester Hills Dr.
Rochester Hills, MI 48309
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www.rochesterhills.org

Legislative File No: 2020-0184

TO: Mayor and City Council Members
FROM: Allan E. Schneck, P.E., DPS Director
DATE: May 18, 2020
SUBJECT: Traffic Signal Agreement – Adams Road and Tienken Road

REQUEST:

The Department of Public Services request that City Council authorize a blanket purchase order/contract between the Road Commission for Oakland County (RCOC) and the City of Rochester Hills for the installation, operations and maintenance of the proposed traffic signal upgrade at the intersection of Adams Road and Tienken Road in the not-to-exceed contract amount of \$43,750.00 and further authorizes the Mayor to execute the agreement on behalf of the City.

REASON FOR PURCHASE:

The existing traffic signal was originally installed by RCOC 20+ years ago. The new traffic signal will meet current industry standards and include the following upgrades/enhancements:

- Improved traffic safety, which is #1 priority.
- Improved intersection level of service operations and increased capacity.
- Flashing Yellow Arrow (FYA) enabling permissive left turns.
- Right turn green arrow signal phasing via a “Dog-house” assembly.
- Newer Light Emitted Diodes (LED) signal head technology provides 15 to 20 life span.
- Upgraded traffic signal equipment and cabinet.
- Continue to operate via Sydney Coordinated Adaptive Traffic System (SCATS).
- Traffic signal back plates for increased visual conspicuity.
- Box-span design versus a diagonal span. Provides signal heads over each lane of travel.

The new agreements will be at a cost share of 75% RCOC and 25% CITY for the installation, operations and maintenance. The total estimated costs for annual operations and maintenance is less than \$500.00. Installation will be performed by RCOC in-house crews.

Location: Adams Rd & Tienken Rd

<u>Agency</u>	<u>Cost Share (Installation, Operations & Maintenance)</u>
Road Commission for Oakland County	75%
City of Rochester Hills	25%

Approval of the attached traffic signal agreement will supersede the existing signal agreement for this intersection.

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/Contract

BUDGET:

Costs associated with the installation, operation, and maintenance of the traffic signal will be covered under the existing Traffic Signal Maintenance agreement with the RCOC. These costs will also be covered under the existing blanket for RCOC of \$80,000 [Legislative File #2020-0005].

Fund Name	Department Account No	Account No. Description	Budget Amount	Cost	Remaining Budget
Major Road	472.807003	Traffic Service	\$80,000	\$43,750	\$36,250

RECOMMENDATION:

It is recommended that City Council authorize a blanket purchase order/contract between the Road Commission for Oakland County (RCOC) and the City of Rochester Hills for the installation, operations and maintenance of the proposed traffic signal upgrade at the intersection of Adams Road and Tienken Road in the not-to-exceed contract amount of \$43,750.00 and further authorizes the Mayor to execute the agreement on behalf of the City.

APPROVALS:	SIGNATURE	DATE
Department Review		
Department Director		
Budget Content: Chief Financial Officer		
Purchasing Process: Supervisor of Procurement		
Mayor		
Deputy Clerk		

Contract Reviewed by City Attorney Yes N/A