



Request for City Council Committee Action From the Department of Public Works

Date: October 11, 2011

To: Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee

Referral: Honorable Betsy Hodges, Chair Ways & Means Committee

Subject: **Purchase of a Central Traffic Signal Control System**

Recommendation:

- a. Request authorization to waive the Request for Proposal/BID process to procure a central traffic signal control system, called TACTICS, from Siemens through Brown Traffic Products.
- b. Authorize proper city officers to negotiate and execute an agreement with the Metropolitan Council for their contribution of \$130,000 for the purchase of TACTICS.
- c. Authorize proper city officers to negotiate and execute a contract with Siemens for one year of support for TACTICS.
- d. Increase the appropriation for the PW-Transportation Capital Agency in the Permanent Improvement Fund (4100-943-9440 CTR1199R100) by \$130,000 and increase the revenue source 3210 (4100-943-9440 CTR1199R100) by \$130,000 to be reimbursed by Metropolitan Council.
- e. Increase the appropriation for the PW-Transportation Capital Agency in the Permanent Improvement Fund (4100-943-9440 CTR1199R100) by \$30,000 and decrease the appropriation for the PW-Transportation Capital Agency in the Permanent Improvement Fund (4100-943-9440 CTR1010SG100) by \$30,000.

Previous Directives:

- Resolution 2011R-209, Council approved amendment to Contract C-27175 with Egan Company, increasing the contract by \$18,035.20, for a revised contract total of \$2,953,165.49, to allow for an increase in quantities of fiber optic cable and conduit. No additional appropriation required.
- Resolution 2011R-112, Council approved amendment to Contract C-27175 with Egan Company, increasing the contract in the sum total \$65,327.54, for a revised contract total of \$2,935,130.29 to allow for Supplemental Agreements No 2, No 3, and No 4 and Change Orders No 1, No 2, No 4, and No 5. No additional appropriation required.
- Resolution 2009R-409, Council approved increase in appropriation for the PW-Transportation Capital Agency in the Permanent Improvement Fund (4100-943-9440 CTR810SG080), acceptance of bids for Official Publication No. 7175 for a Traffic Signal Control System and Execution of participatory agreements with the Regents of the University of Minnesota and the Minnesota Department of Transportation.
- Resolution 2007R-645, 2008 Public Works Transportation Capital Improvement Fund TR010 (Traffic Management Systems)

Prepared by: Nickolas VanGunst, P.E., PTOE, Professional Engineer, 673-2172

Approved by:

Steven A. Kotke, P.E., City Engineer, Director of Public Works

Presenters: Nickolas VanGunst, P.E., PTOE, Professional Engineer

Reviews

Permanent Review Committee (PRC):	Approval	YES	Date	9/23/11
Civil Rights Affirmative Action Plan	Approval	NA	Date	
Policy Review Group (PRG):	Approval	NA	Date	

Financial Impact

Action requires an appropriation increase to the Capital Budget.

Fund Name: 4100-943-9440

Project Name: CTR1199R100

Amount: \$160,000

Action requires an appropriation decrease to the Capital Budget

Fund Name: 4100-943-9440

Project Name: CTR1010SG100

Amount: \$30,000

Community Impact

Neighborhood Notification: Not Applicable

City Goals: An appropriately designed and well maintained City infrastructure will promote safe and efficient movement of our Police, Fire and Emergency units as well as the safe and efficient movement of our residents and traveling public.

Preserve and enhance our natural and historic environment and promote a clean, sustainable Minneapolis by preserving the ability to provide coordinated traffic flow thus continuing to reduce CO and hydrocarbon production.

Comprehensive Plan: Not applicable

Zoning Code: Not Applicable

Background/Supporting Information

Public Works currently manages the operation of its traffic signal system with software called ACTRA. The software was obtained two years ago as part of a traffic signal operations project.

The Traffic and Parking Services Division along with the Central Corridor LRT Project Office, and staff from Metro Transit Bus Operations have identified software called TACTICS, which is an upgrade to the ACTRA system, as a required software package to operate traffic signals in conjunction with transit operations in the City of Minneapolis. The TACTICS software contains features that will be required by the Central Corridor Project and will also be utilized in the traffic operation improvements underway on the Hiawatha LRT Corridor, and Bus Priority Corridors. Because of this, Metro Transit/Central Corridor has agreed to pay approximately 80% of the cost for the software upgrade.

The Department has learned of an opportunity to purchase the upgraded software for \$160,000, which is \$39,000 less than previously quoted if accomplished by the end of October 2011. The Department is very interested in procuring this software at the discounted price.

The City's traditional procurement process for software will require more time than is available in order to take advantage of the discounted price. The Department feels that procurement of the software at a significant discount would be in the City's best interest.

The Department is therefore requesting a waiver to permit procurement of the TACTICS software directly from Brown Traffic Inc. who is the sole supplier of Siemens products in this area. The Department in partnership with BIS has concluded that the TACTICS Software upgrade to the current ACTRA system is the best approach to advancing functionality of signal operations.

The Department is requesting proper city officers negotiate and execute an agreement with the Metropolitan Council for their contribution of \$130,000 for the purchase of TACTICS. The Department is requesting an appropriation increase for the PW-Transportation Capital Agency in the Permanent Improvement Fund (4100-943-9440 CTR 1199R100) by \$160,000, of which \$130,000 will be reimbursed by the Metropolitan Council. The remaining \$30,000 will be transferred from the PW-Transportation Capital Agency in the Permanent Improvement Fund (4100-943-9440 CTR1010SG100), which is the Central Computer System Replacement project.

The Department is also requesting proper city officers to negotiate and execute a contract with Siemens for one year of support for TACTICS. The cost for this support is \$12,000 and will be paid out of the Traffic general fund.

By Council Member Betsy Hodges

“Passage of a resolution to amend the 2010 general appropriation resolution to decrease the appropriation for Public Works in the Capital Improvements Fund in the Transportation Capital Agency for expenses related to capital projects by \$30,000 (4100-943-9440 CTR1010SG100).

“Passage of a resolution to amend the 2011 general appropriation resolution to increase appropriation for Public Works in the Capital Improvements Fund in the Transportation Capital Agency for expenses related to capital projects by \$160,000 (4100/943/9440 CTR1199R100) funded by the decrease in appropriation of \$30,000 (4100/943/9440 CTR1010SG100) and an increase to revenues in the amount of \$130,000 (4100/943/9440); amend the allocation of resources as follows: increase the revenue source 3210 (4100/943/9440) by \$130,000.