



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

Date: March 1, 2011

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

Referral: Honorable Betsy Hodges, Chair Ways & Means Committee

Subject: **Supplemental agreements and change orders to contract C-27175 with Egan Company for additional work on the Traffic Signal Control System project.**

Recommendation:

- a. Approve Supplemental Agreements #2, #3 and #4 and Change Orders #1, #2, #4 and #5 in the sum total of \$65,327.54 for an amended contract total of \$2,935,130.29.

Contingency funds will be used to pay for the additional cost. No additional appropriation is required.

Previous Directives:

- 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	NA	Date
Civil Rights Affirmative Action Plan	Approval	NA	Date
Policy Review Group (PRG):	Approval	NA	Date

Financial Impact

Action is within current department budget

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

The Traffic Signal Control System project involves installing an adaptive traffic signal control system in the Southeast Minneapolis area surrounding and including the University of Minnesota (U of M) East Bank campus. The traffic signal control system adjusts the traffic signal timing based on actual vehicle volumes. This project is funded by Federal ISTEA, University of Minnesota and City dollars.

This action recommends approval of Supplemental Agreements #2, #3 and #4 and Change Orders #1, #2, #4 and #5 and to increase the contract amount by \$65,327.54 for an amended contract total of \$2,935,130.29. These supplemental agreements and change orders have been reviewed by Mn/DOT. No additional appropriation is required.

Supplemental Agreement #1 and Change Orders #3, #6 and #7 consisted of language changes to the project specifications. There were no required changes to the contract amount with Supplemental Agreement #1 or Change Orders #3, #6 and #7.

Supplemental Agreement #2

Supplemental Agreement #2 consists of a City request for Egan Company to complete extra work due to a conflict with another developer’s project. This cost is to be reimbursed by the developer.

Re-route Conduit	\$8,900.00
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Supplemental Agreement #3

Supplemental Agreement #3 consists of a City request to have certified electricians present for some of the work that involved modifications to the existing traffic signal cabinets.

Modify Signal Cabinet – Certified Electricians	\$25,144.97
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Supplemental Agreement #4

Supplemental Agreement #4 consists of the contractor providing a network router that was not included in the bids, due to changes made at the City’s Traffic Management Center for the Urban Partnership Agreement project.

Rack-Mounted Network Router	\$4,310.57
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Change Order #1

Change Order #1 consists of decreases and increases in the quantities of several items as noted.

Reduction in number of Fiber Optic Handholes	-\$16,320.00
Additional RF Wireless Access Point	\$4,410.00
Additional Pedestal Poles	\$8,295.00
Additional RF Wireless Interface	\$4,240.00
Change Order #1 subtotal	\$625.00

Change Order #2

Change Order #2 consists of a U of M request to add an additional PTZ camera at University Ave and 25th Ave. The U of M has agreed to pay the City for this change order.

Traffic Monitoring System	\$18,820.00
Tier 2 Switch-Managed	\$4,030.00
Change Order #2 subtotal	\$22,850.00

Change Order #4

Change Order #4 consists of project design changes to get a better functioning traffic signal control system.

Remove Tier 6 Switch with 4 ports	-\$39,390.00
Add Tier 6 Switch with 1 port	\$33,210.00
Add IP Conflict Monitor	\$4,900.00
Modify Plan Drawings and mark up	\$3,172.00
Change Order #4 subtotal	\$1,892.00

Change Order #5

Change Order #5 includes a quantity increase for one project bid line item.

Pull Vault	\$1,605.00
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