



Council Communication

Office of the City Manager

Date:	July 11, 2011
Agenda Item No.	52
Roll Call No.	<u>11-1241</u>
Communication No.	<u>11-466</u>
Submitted by:	Jeb E. Brewer, P.E., City Engineer

AGENDA HEADING:

Hearing on City-wide Fixed Time Traffic Signal Upgrade: Resolution approving plans, specifications, form of contract documents, engineer's estimate, receive and file bids, and designating lowest responsible bidder as Iowa Signal Inc., Wayne Lesley, President, \$475,108.53.

SYNOPSIS:

This is a public hearing to allow for public input on the City-wide Fixed Time Traffic Signal Upgrade and take the necessary actions as required by Iowa Code to authorize a contract for construction of the proposed project. This project consists of upgrading the traffic signal operation at twenty-one existing intersections that currently operate as fixed time signals. The project includes the installation of vehicle detectors on the side streets and left-turning phases, along with adding pedestrian push buttons, thereby maximizing the amount of green time available for the major roadways.

FISCAL IMPACT:

Amount: \$475,108.53 Construction Contract (\$440,000 City Engineer's Estimate)

Funding Source: 2011-2012 CIP, Page Street-46, City-wide Signals, Channelization, and School Crossing Protection Program, TFC091, Being: \$320,000 in Iowa Clean Air Attainment Program (ICAAP) funding (max 80% of eligible items) under agreement STP-A-1945(781)--86-77; \$80,000 in Iowa DOT Traffic Safety Funds for 100% of construction contract costs only (Max \$80,000) under agreement CS-TSF-1945(784)—85-77; \$75,108.53 in City of Des Moines G. O. Bonds from TFC091.

ADDITIONAL INFORMATION:

On June 13, 2011, under Roll Call No. 11-0970, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the City-wide Fixed Time Traffic Signal Upgrade. Before the City Council can enter into a contract, it must hold a public hearing and approve the proposed plans, specifications, and form of contract documents and engineer's estimate for the construction of the City-wide Fixed Time Traffic Signal Upgrade, 04-2011-002. The improvement includes the upgrading of existing signals and installation of detectors at various locations; all in accordance with the contract documents, including Plan File Nos. 530-001/021, at the following locations within the City of Des Moines, Iowa:

2nd Avenue at College Avenue
2nd Avenue at Holcomb Avenue

2nd Avenue at New York Avenue
2nd Avenue at Hull Avenue
2nd Avenue at Euclid Avenue
2nd Avenue at University Avenue
University Avenue at 9th Street
University Avenue at 13th Street
University Avenue at 19th Street
University Avenue at ML King Jr. Parkway
University Avenue at 24th Street
University Avenue at 25th Street
University Avenue at 28th Street
University Avenue at Polk Blvd
Grand Avenue at E 9th Street
Grand Avenue at E 12th Street
Grand Avenue at 19th Street
Grand Avenue at 28th Street
Grand Avenue at 35th Street
Grand Avenue at 42nd Street
Keosauqua Way at 12th Street.

Sealed bids for said improvement were submitted by the following bidders:

Iowa Signal Inc., Clive, IA
Baker Electric, Inc., Des Moines, IA

The bids, in accordance with a previously approved Iowa DOT Agreement, were received and opened by the Iowa DOT on June 21, 2011.

The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Iowa Signal Inc., Wayne Lesley, President, 7840 University Blvd., Clive, IA, 50325 in the amount of \$475,108.53, and said bid should be accepted. The Finance Director has determined that funds are available for said improvement as stated above.

PREVIOUS COUNCIL ACTION(S):

Date: June 13, 2011

Roll Call Number: [11-0969](#)

Action: Approving the following items regarding Citywide Fixed-Time Traffic Signal Upgrading project: (A) [Iowa](#) Department of Transportation Agreement. ([Council Communication No. 11-379](#)) Moved by Moore to adopt. Motion Carried 7-0.

Roll Call Number: [11-0970](#)

Action: (B) [Ordering](#) construction of Citywide Fixed-Time Traffic Signal Upgrading project: receiving of bids, (6-21-11), setting date of hearing, (7-11-11), construction estimate \$440,000. ([Council Communication No. 11-383](#)) Moved by Moore to adopt. Motion Carried 7-0.

Date: February 28, 2011

Roll Call Number: [11-0284](#)

Action: [Approving](#) the execution of Iowa Department of Transportation Agreement No. 2011-ICAAP-004 for the Citywide Fixed-Time Traffic Signal Upgrading Project. ([Council Communication No. 11-106](#)) Moved by Coleman to adopt. Motion Carried 7-0.

Date: June 14, 2010

Roll Call Number: [10-884](#)

Action: [Approving](#) FY2012 Traffic Safety Fund Applications to the Iowa Department of Transportation. ([Council Communication No. 10-336](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: August 24, 2009

Roll Call Number: [09-1522](#)

Action: [Approving](#) submittal of Iowa Clean Air Attainment Program (ICAAP) Fund applications to the Iowa Department of Transportation (IDOT) for Citywide Fixed-time Signal Upgrade, \$320,000 and Des Moines River Trail Phase 1, \$500,000. ([Council Communication No. 09-603](#)) Moved by Hensley to adopt; refer the comments regarding trees to the City Manager for review and recommendation. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Partial payments to the contractor and final acceptance of work.

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