



Legislation Details (With Text)

File #: ID#15-251 **Version:** 1 **Name:**

Type: Action Item **Status:** Passed

File created: 3/24/2015 **In control:** City Council

On agenda: 4/9/2015 **Final action:** 4/9/2015

Title: Actions pertaining to the West Avenue Intelligent Transportation System ("ITS") Wireless Traffic Signals Synchronization Project from McKinley Avenue to Herndon Avenue - Bid File 3345 (Council Districts 1, 2 and Fresno County)

1. Adopt a finding of Categorical Exemption per staff determination, pursuant to Section 15301 (c) of the CEQA Guidelines for the West Avenue ITS Wireless Project from McKinley Avenue to Herndon Avenue
2. Award a construction contract to Crosstown Electrical and Data, Inc. of Irwindale, California in the amount of \$296,475 for the West Avenue ITS Wireless Project from McKinley Avenue to Herndon Avenue

Sponsors: Public Works Department

Indexes:

Code sections:

Attachments: 1. 15-251 Vicinity Map, 2. 15-251 Bid Eval_Fiscal Impact

Date	Ver.	Action By	Action	Result
4/9/2015	1	City Council	approved	Pass

REPORT TO THE CITY COUNCIL

April 9, 2015

FROM: SCOTT L. MOZIER, PE, Director
Public Works Department

THROUGH: ROBERT N. ANDERSEN, PE, Assistant Director
Public Works Department, Capital Management Division

LAL GOONAWARDENA, PE, Design Services Manager
Public Works Department, Capital Management Division

BY: BRYAN DOI, Engineer II
Public Works Department, Capital Management Division

SUBJECT

Actions pertaining to the West Avenue Intelligent Transportation System ("ITS") Wireless Traffic Signals Synchronization Project from McKinley Avenue to Herndon Avenue - Bid File 3345 (Council Districts 1, 2 and Fresno County)

1. Adopt a finding of Categorical Exemption per staff determination, pursuant to Section 15301(c)

of the CEQA Guidelines for the West Avenue ITS Wireless Project from McKinley Avenue to Herndon Avenue

2. Award a construction contract to Crosstown Electrical and Data, Inc. of Irwindale, California in the amount of \$296,475 for the West Avenue ITS Wireless Project from McKinley Avenue to Herndon Avenue

RECOMMENDATIONS

Staff recommends that the City Council adopt a finding of Categorical Exemption per staff determination, pursuant to Section 15301(c) of the CEQA Guidelines, and award a construction contract to Crosstown Electrical and Data, Inc. of Irwindale, California in the amount of \$296,475 as the lowest responsive and responsible bidder for the West Avenue ITS Wireless Project from McKinley Avenue to Herndon Avenue and authorize the Public Works Director or designee to sign the contract on behalf of the City.

EXECUTIVE SUMMARY

The West Avenue traffic signals synchronization project will install a wireless communication system to interconnect the traffic signal controllers along West Avenue and synchronize the corridor. This project will result in a responsive, efficient and coordinated system, improving safety, operations, energy conservation, air quality and effective capacity of the West Avenue corridor, while reducing emissions and improving overall quality of life.

BACKGROUND

West Avenue is a major north-south corridor through Fresno that intersects all east-west arterial streets between McKinley Avenue and Herndon Avenue. This corridor funnels traffic onto major arterials as well as provides access to local businesses within the City of Fresno. The signalized intersections along West Avenue operate independently, reducing the efficiency of the corridor and contributing to congestion and higher emissions during the peak hours. The proposed ITS Project will install wireless communication and interconnect the traffic signal controllers for an efficient traffic responsive coordination system, improving safety, operations, energy conservation and effective capacity of the corridor while reducing emissions and improving overall quality of life.

Staff prepared bid documents with a scope that included a wireless communication system, state-of-the-art traffic signal controllers, cabinets, and advanced technologies to synchronize the West Avenue corridor from McKinley Avenue to Herndon Avenue.

The Notice Inviting Bids was published in the Business Journal on January 28, 2015, and posted on the City's website and faxed to ten (10) building exchanges. The specifications were distributed to nine (9) prospective bidders. Four (4) sealed bid proposals were received and opened in a public bid opening on February 24, 2015. Bids ranged from \$296,475 to \$533,660. Crosstown Electrical and Data, Inc., which submitted the bid in the amount of \$296,475, was determined to be the lowest responsive and responsible bidder for the project. The bids will expire in 64 days from the bid opening date on April 29, 2015.

Staff is recommending that the Council award a construction contract to Crosstown Electrical and Data, Inc. of Irwindale, California in the amount of \$296,475 for the West Avenue ITS Wireless Project from McKinley Avenue to Herndon Avenue as the lowest responsive and responsible bidder

and to authorize the Public Works Director or designee to sign and execute the standardized contract on behalf of the City of Fresno.

ENVIRONMENTAL FINDINGS

Staff has performed a preliminary environmental assessment of this project and has determined that it falls within the Categorical Exemption set forth in CEQA Guidelines Section 15301(c) (existing facilities) which exempts projects involving a negligible or no expansion of an existing facility. This exemption applies because this project involves improving efficiency of an existing roadway through coordinating the operation of existing traffic signals to reduce congestion without expansion of the roadway. The relatively small transmitters will be mounted on existing signal mast arms; wiring is run in existing conduit and signal cabinets; and existing cabinets will be replaced without expanding the current space. Staff determined under the CEQA Guidelines this project fits within the definition of existing facilities in Section 15301(c) Class 1, as Categorically Exempt from further CEQA review. Furthermore, Staff has determined that none of the exceptions to Categorical Exemptions set forth in the CEQA Guidelines, Section 15300.2 apply to this project.

LOCAL PREFERENCE

The local preference was not implemented based on conditions of the Federal Congestion Mitigation Air Quality ("CMAQ") grant.

FISCAL IMPACT

The project is located in Council Districts 1, 2 and Fresno County. The overall cost of the project is \$482,400 and is funded by \$386,499 in CMAQ Regional Bid funds and \$95,901 in Proposition 111 Gas Tax funds. The project will not have any impact to the General Fund. Of the overall budget of the project, \$296,475 will be used for the construction contract award.

Attachments: Bid Evaluation
Fiscal Impact Statement
Vicinity Map