



City of Culver City

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Staff Report

File #: 15-683, Version: 2

CC - FOUR-FIFTHS VOTE REQUIREMENT - (1) Approval of a Budget Amendment Appropriating \$1,180,048 of Metro Grant Funds and \$470,102 of Matching Funds; and (2) Authorization to Release a Request for Proposal (RFP) for the Adaptive Traffic Control System (ATCS) Project, PL-005

**Contact Person/Dept: Hong Wang/PW
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Fiscal Impact: Yes ☒ No ☐

General Fund: Yes ☐ No ☒

Public Hearing: ☐

Action Item: ☐

Attachments: Yes ☐ No ☒

**Commission Action Required: Yes ☐ No ☒ Date:
Commission Name:**

Public Notification: (E-Mail) Meetings and Agendas - City Council (03/25/16)

**Department Approval: Charles D. Herbertson, Public Works Director/City Engineer
(03/18/16)**

RECOMMENDATION

Staff recommends the City Council: (1) approve a budget amendment to appropriate \$1,180,048 of Metro Grant Funds and \$470,102 of matching funds; and 2) authorize the release of an RFP for the Adaptive Traffic Control System (ATCS) Project, PL-005.

A BUDGET AMENDMENT REQUIRES A FOUR-FIFTHS VOTE

BACKGROUND

The City was awarded funding by Los Angeles County Metropolitan Transportation Authority (Metro) in the category of Signal Synchronization for an Adaptive Traffic Control System (Project) as part of the 2009 Metro Call for Projects competitive process. The Project includes upgrading the current central Traffic Control System (TCS) to an Adaptive Traffic Control System (ATCS), replacement of 90 existing Type 170 signal controllers with Type 2070 controllers, installation of additional vehicle detectors, and upgrading of the communications network and equipment.

The Project will improve mobility and safety of the major arterial streets that run through the City by upgrading the current central TCS to ATCS. The ATCS will dynamically control up to 105 signalized

intersections in the City in real-time, adaptive mode operations for arterial roadway network optimization that will improve mobility at all times and directly benefit motorists, goods delivery, as well as transit providers and users. In addition, the ATCS will allow for more automated operations and enhanced overall performance of the traffic control system.

DISCUSSION

With staff's guidance, the ATCS system functional specifications and the RFP was developed by Advantec, which was hired through an RFP process from the City's approved on-call traffic engineering firms.

The selected consultant will design and implement the ATCS system.

Should the City Council approve the release of the request for proposal for the ATCS project, staff is scheduled to return to the City Council for the approval of the professional services agreement in June 2016.

FISCAL ANALYSIS

On November 20, 2015, Metro approved the project MOU which authorizes \$1,180,048 in grant expenditures for this project. The required \$295,012 (20%) local match is funded by Playa Vista Mitigation funds. An additional \$175,000 (Symantec Traffic Mitigation Funds) are requested to upgrade the remaining 14 traffic signal controllers that are not part of this grant.

Proposed Project Budget

Funding Source	Amount
Metro LA County Prop C (42380000.730100.PL005)	\$1,180,048
City Match and Contribution (42080000.730100.PL005)	<u>\$ 470,012</u>
Total Project Budget	\$1,650,060

ATTACHMENTS

None.

RECOMMENDED MOTIONS

That the City Council:

- 1) FOUR-FIFTHS VOTE REQUIREMENT - Approve a budget amendment to appropriate \$1,180,048 of Metro grant funds and \$470,102 of matching funds for the Adaptive Traffic Control System (ATCS) Project, PL-005; and,

- 2) Authorize the release of a Request for Proposal (RFP) for the Adaptive Traffic Control System (ATCS) Project, PL-005.