



CITY of CALABASAS
CITY COUNCIL AGENDA REPORT

DATE: JUNE 14, 2021

TO: HONORABLE MAYOR AND COUNCILMEMBERS

**FROM: ROBERT YALDA, P.E., T.E., PUBLIC WORKS DIRECTOR/CITY ENGINEER
TATIANA HOLDEN, P.E., SENIOR CIVIL ENGINEER**

SUBJECT: RECOMMENDATION TO APPROVE A PROFESSIONAL SERVICE AGREEMENT WITH SIEMENS MOBILITY, INC. FOR INSTALLATION OF UNINTERRUPTED POWER SUPPLY SYSTEMS FOR TRAFFIC SIGNALS WITHIN THE CITY OF CALABASAS (10 LOCATIONS) IN AN AMOUNT NOT TO EXCEED NINETY THOUSAND FIVE HUNDRED TWENTY FIVE DOLLARS (\$90,525)

MEETING

DATE: JUNE 23, 2021

SUMMARY RECOMMENDATION:

Staff recommends that the City Council approve a Professional Services Agreement with Siemens Mobility, Inc. for installation of Uninterrupted Power Supply Systems (UPS) for ten (10) traffic signals in an amount not to exceed Ninety Thousand Five Hundred Twenty Five Dollars (\$90,525).

BACKGROUND:

In January 2021 the City released a Request for Proposals (RFP) for the project. The City received four (4) proposals from the following companies:

- Crosstown Electric
- Siemens
- Econolite Systems
- JQG

City staff reviewed the proposals and is recommending that the City enter into a professional services agreement with Siemens Mobility, Inc.

DISCUSSION/ANALYSIS:

The addition of the UPS System (Uninterrupted Power Supply) at the locations shown will complete the installation at 10 of the City’s traffic signals. UPS systems provide a batter backup system that allows for traffic signals to continue to operate when there is a loss of power from Southern California Edison (SCE). The traffic signal will operate for 2-3 hours in full operation and then in flashing red operation for an additional 4-5 hours depending on the number of signal indications that are being powered by the batteries. This allows the traffic signals to continue to provide positive traffic control during power outages and improve traffic safety. The UPS system will also provide power conditioning to reduce potential traffic signal equipment damage due to utility power fluctuations.

In all but three of the locations the UPS system will be installed inside of the existing traffic signal controller cabinet. The remaining three locations will have an exterior cabinet attached to the top of the traffic signal. These three locations do not have the interior space to place the batteries due to exiting traffic signal equipment within the cabinet. Typically, this is due to video detection or video surveillance systems. The three locations are:

- Agoura Road and Lost Hills
- Parkway Calabasas at Calabasas Road
- Calabasas Road at Park Granada

The top mounted battery enclosure looks like what is provided below:



The internal mounted battery solutions will be placed on a tray within the cabinet so there will be nothing visible externally to compromise how the cabinets currently look.

City staff reviewed the proposals and is recommending that the City enter into agreement with Siemens Mobility, Inc. Siemens is ranked highest in the proposal evaluation scoring due to the most comprehensive response, addressed all of the questions asked, proposed a system that will provide the longest operation runtime, and were the only proposer that did not have a negative claim history. Siemens Mobility is the City's current traffic signal maintenance contractor, so they are familiar with the City and are knowledgeable of the City's traffic system and locations very well.

FISCAL IMPACT/SOURCE OF FUNDING:

The project will be funded utilizing SB1 (Senate Bill 1 – The Road Repair and Accountability Act of 2017) funds that have been confirmed secured by staff for use. The 2021/2022 Fiscal Year Operating Budget, Traffic Signal Maintenance Account (10-332-5252-60) will be utilized for this project.

Staff requests the allocation of SB1 funds in the amount of \$90,525 which is comprised of Siemens Mobility, Inc. proposal (\$82,295 for scope of work and fees) and an additional 10% contingency of funding (\$8,230) for any unforeseen/additional work and/or emergency work that may be required for this project; and to modify the 2021/2022 Fiscal Year Operating Budget accordingly.

REQUESTED ACTION:

Staff recommends that the City Council approve a Professional Services Agreement with Siemens Mobility, Inc. for installation of Uninterrupted Power Supply Systems (UPS) for ten (10) traffic signals in an amount not to exceed Ninety Thousand Five Hundred Twenty Five Dollars (\$90,525).

ATTACHMENTS:

Attachment A - Professional Services Agreement with Siemens Mobility, Inc.