

REPORT TO CITY COUNCIL

DATE: FEBRUARY 23, 2011

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: GREG RAMIREZ, CITY MANAGER

BY: RAMIRO ADEVA, CITY ENGINEER

SUBJECT: AUTHORIZATION TO SEEK BIDS FOR LED TRAFFIC SIGNALS AND PEDESTRIAN HEADS REPLACEMENT PROJECT; NIB 10-05

On June 14, 2010, the City entered into a Grant Agreement #CBG-09-078 with the California Energy Commission (CEC) for use of funds through the Energy Efficiency and Conservation Block Grant (EECBG) program. The EECBG is a federally-funded grant under the American Recovery and Reinvestment Act of 2009 (ARRA).

The City identified two (2) projects for funding through the EECBG program, retrofit of existing traffic signals and existing pedestrian heads with new LED modules. Both projects have been combined into one bid package.

There are a total of fourteen (14) signalized intersections within the City, all of which have existing LED vehicle and pedestrian indicators. Of the 14 intersections, eleven (11) were identified as requiring retrofit of old LED vehicle and pedestrian indicators, due to exceeding industry standard life expectancy. By replacing all vehicle and pedestrian heads with new LED indicators, the City will remain consistent with the Energy Commission's standard for LED technology. The project will allow the City to reduce its energy consumption at signalized intersections, ultimately helping us meet our goal of reducing energy and environmental impacts citywide.

The signalized intersections identified for LED retrofit are:

- (1) Ladyface Court and Agoura Road;
- (2) Lake Lindero Drive and Thousand Oaks Boulevard;
- (3) Reyes Adobe Road and Thousand Oaks Boulevard;
- (4) Forest Cove Lane and Thousand Oaks Boulevard;
- (5) Grey Rock Road and Thousand Oaks Boulevard;
- (6) Kanan Road and Thousand Oaks Boulevard;
- (7) Laro Drive and Kanan Road;
- (8) Eagleton Street and Kanan Road;
- (9) Fountainwood Street and Kanan Road;
- (10) Hillrise Drive and Kanan Road; and
- (11) Liberty Canyon Road and Agoura Road.

This project is 100% grant funded, requiring no local match. The City's EECBG budget for the project is \$124,741.00. Staff expects to return to Council in early April 2011 for award of contract and to commence construction by May 2011. Construction is anticipated to take four (4) weeks to complete with no work to be done on holidays.

RECOMMENDATION

Staff respectfully recommends the City Council authorize staff to seek bids for the LED Traffic Signals and Pedestrian Heads Replacement Project; NIB 10-05.