

REPORT TO THE CITY COUNCIL



DATE: April 3, 2018

TITLE: Engineering Design for the Palm Drive Traffic Signals and Lighting Project

Prepared by: Hal Goldenberg, Project Manager

Reviewed by: Daniel Porras, Community Development Director

RECOMMENDATION

Authorize the City Manager to execute a Professional Services Agreement for the Palm Drive Traffic Signals and Lighting Project with Omnis Incorporated in an amount not to exceed \$152,950 with a contingency of \$30,590 (20%) for the completion of an additional analysis of the Palm Drive and Camino Aventura intersection and its surrounding driveways, and any other work as approved by the City for a total budget of \$183,540.

DISCUSSION

The Palm Drive Signals and Lighting Project includes the following scope of work:

Palm Drive between Two Bunch Palms Trail and Buena Vista Avenue:

- Add 24 Street lights per current City standards,
- Provide 3" conduit w/pull rope (future communications/traffic synchronization for traffic signals)

Palm Drive and Buena Vista Avenue, Palm Drive and Desert View Avenue, Palm Drive and Flora Avenue, Pierson Boulevard and Cholla Avenue, and the addition of Palm Drive and Camino Aventura and its surrounding driveways:

- Complete Warrant Analysis to add new traffic signal and/or applicable crosswalks
- Incorporate ITS elements per CVAG Signal Synchronization Master Plan
- Add 3" conduit and 144 SMFO cable

Palm Drive and Pierson Boulevard:

- Link communication to City's Traffic Management Center
- Incorporate ITS elements per CVAG Signal Synchronization Master Plan
- Update Traffic Signal Controller
- Add 3" conduit and 144 SMFO cable

Palm Drive and Hacienda Avenue:

- Incorporate ITS elements per CVAG Signal Synchronization Master Plan
- Update Traffic Signal Controller
- Add 3" conduit and 144 SMFO cable

The total estimated cost of the Palm Drive Signals and Lighting Project is \$3,127,045.

In February 2017, the Coachella Valley Association of Governments (CVAG) Executive Committee approved \$10 Million in Regional funding for projects that directly address Bicycle and Pedestrian Accidents and Fatalities on CVAG's Regional Arterials, which included Palm Drive. The City of Desert Hot Springs submitted applications to fund 4 projects.

In June 2017, CVAG received multiple applications from local Cities. Based on the scope of work, the top 10 projects were selected for approval of funding from the CVAG Executive Committee. The highest ranked project selected for funding was the Desert Hot Springs Palm Drive Traffic Signals and Lighting Project.

In November 2017, City Council Authorized the Reimbursement Agreement between the City of Desert Hot Springs and CVAG for the Palm Drive Traffic Signals and Lighting Project.

On February 22, 2018, the City completed and released the Request for Proposal (RFP) for the completion of Engineering Design for the Palm Drive Signals and Lighting Project. The Engineering Design includes the Plans Specifications and Estimates (PS&E), the Traffic Signal Warrant Analysis for various intersections, the Traffic Signal Synchronization along the corridor, all Right-Of-Way and Environmental Clearances, and Utility Coordination.

On March 22, 2018, the City received only one proposal from Omnis Incorporated. City staff reviewed the proposal, the consultant firm, the sub-consultants, and the total cost. Based on the reputable team described in the proposal and an analysis of the total cost, Staff found Omnis Incorporated's proposal to be qualified. Since only one proposal was received, Staff also reviewed the total costs against other similar proposals/projects recently awarded by the City Council and deemed the line item and total costs as competitive.

Staff is recommending that the City Council authorize the City Manager to execute a Professional Services Agreement for the Palm Drive Traffic Signals and Lighting Project with Omnis Incorporated in an amount not to exceed \$152,950 with a contingency of \$30,590 (20%) for the completion of an additional analysis of the Palm Drive and Camino Aventura intersection and its surrounding driveways, and any other work as approved by the City for a total budget of \$183,540.

FISCAL IMPACT

The total estimated cost of the Palm Drive Traffic Signals and Lighting Project is \$3,127,045. \$2,247,000 will be funded through the CVAG 2017 Bicycle Pedestrian Safety Program Grant, \$50,000 will be funded through Mobile Source Air Pollution Reduction Review Committee (MSRC) Grant, and the remaining \$829,545 will be funded through Measure A, Sidewalk Fund, General Fund and any other grant funds that become available.

EXHIBIT(S)

- 1) Request for Proposals
- 2) Omnis Incorporated Proposal