



CITY OF POMONA

COUNCIL REPORT

July 1, 2019

To: Honorable Mayor and Members of the City Council

From: Linda Lowry, City Manager

Submitted By: Rene Guerrero, Interim Public Works Director

SUBJECT: AWARD OF CONTRACT TO BUCKNAM INFRASTRUCTURE GROUP, INC. FOR PAVEMENT MANAGEMENT SURVEY SERVICES TO UPDATE THE PAVEMENT MANAGEMENT PROGRAM

RECOMMENDATION: It is recommended that the City Council:

1. Award a contract to Bucknam Infrastructure Group, Inc. to develop a Pavement Management Survey to be utilized to update the City's Pavement Management Program, at a price not-to-exceed \$96,119; and
2. Authorize the City Manager to execute a contract and all necessary documents, subject to review by the City Attorney.

EXECUTIVE SUMMARY: The award of contract to Bucknam Infrastructure Group, Inc. to develop a Pavement Management Survey (PMS) is necessary to update the City's Pavement Management Program (PMP). To qualify for Proposition C funding, the City is required to maintain and update a PMP to include an inventory and assessment of the pavement conditions every three years.

FISCAL IMPACT: Funding for the PMP update in the amount of \$96,119 is included in the FY 2019-20 Public Works Engineering/Construction operating budget, 101-2532-52285-00000 and Transportation Development operating budget 101-2530-52285-00000. The effective date of the contract will be July 1, 2019.

PUBLIC NOTICING REQUIREMENTS: In accordance with Pomona City Code Section 2-977, the Notice Inviting Bids was posted on Planet Bids on April 4, 2019, with a due date of May 1, 2019.

PREVIOUS RELATED ACTION: On June 6, 2016, the City Council awarded a one-time contract to Bucknam Infrastructure Group, Inc. for Pavement Management Survey Services to update the City's Pavement Management Program.

DISCUSSION: The award of contract to Bucknam Infrastructure Group, Inc. to develop a PMS is needed to update the City's PMP. To qualify for Proposition C funding, the City is required to maintain and update a PMP to include an inventory and assessment of the pavement conditions

every three years. However, for Surface Transportation Program (STP) funding, the PMP must be updated and certified every two years. If the City Council approves the proposed contract, the scope of work and annual report will cover the assessment of pavement conditions for the City's arterial, collector, and local streets on a one-time basis to cover State and Federal funding requirements for two years (STP) and three years (Prop C). The annual report will contain an assessment of each segment in the pavement network, maintenance and repair strategies, identify potential streets for improvements based on those strategies (forecasted maintenance report), and a work history report. The annual assessment and annual report should be completed within approximately five months of the issuance of the Notice to Proceed.

Pavement Management Program Update — Required for Funding Eligibility

The street infrastructure currently consists of approximately 404 center lane miles or 1,052 lane miles of roadway within City limits. This does not include freeways, expressways, or routes within the City limits which are managed by Caltrans. One of the primary goals of the City and the Public Works Department is to maintain the roadways, such that the streets allow for safe and reliable transportation. This requires a detailed understanding of the existing pavement conditions to provide a reliable forecast of future needs.

The PMP is a planning tool used to aid pavement management decisions. A certified PMP is also a requirement to ensure funding eligibility. In July 2003, a professional services agreement with CHEC Engineering Consultants was approved for a Citywide PMP in the amount of \$145,835. The Citywide PMP was again updated in March 2008 by Harris & Associates for \$81,432 and 2013 by Bucknam Infrastructure Group for \$76,251. The last update to the Citywide PMP was in 2016 by Bucknam Infrastructure Group for \$92,520. Although updates should have occurred at least every two years, this recent history shows that updates are occurring approximately every three years, primarily due to staff changeover and reductions.

The consultant's update to the PMP is based on a pavement survey which is a laborious task. It requires extensive man hours to complete the required field survey, computations, and mapping. The visual inspection of the surface pavement condition of every street segment is recorded based on actual surface conditions and physical characteristics of the segment. A survey includes the following distress information: alligator cracking, block or other cracking, patching and utility cuts, rutting, depressions, and potholes, weathering and raveling. A survey also verifies the characteristics of each street by street dimension, number of lanes, length, lane widths, turn pockets, curb, gutter, and any unique features that could affect the pavement segment. Due to the expansive street network to be surveyed and with the limited staffing and time constraints, it is not feasible for City Staff to conduct this type of Citywide survey. Utilizing consultant services to update pavement management programs is very common among local agencies. Cities such as Ontario, Diamond Bar, West Covina, Rosemead, Monterey Park, Irvine, Newport Beach, Costa Mesa, Redlands, Norwalk, Rancho Palos Verdes, Rancho Santa Margarita, Beverly Hills, Santa Ana, and Glendale contract with a consultant to update each respective City's pavement management program.

The proposed approach to updating Pomona's PMP will provide the professional services necessary to comply with the State and Federal funding requirements for two years (STP) and three years (Prop C). The plan will allow the City to update arterial street conditions including all

streets identified by Caltrans as collectors and above, which is needed and sufficient for STP-L and Prop C funding. Local street updates will also be included and will ensure the City gets the most out of the limited funding available for street improvements.

Proposed Award of Contract to Bucknam Infrastructure Group for PMP Update

In accordance with the Pomona City Code Section 2- 977 for professional services procurements, the request for proposals was posted on Planet Bids on April 4, 2019. By the closing date of May 1, 2019, three (3) firms responded with proposals.

Evaluation of the proposals was based upon a list of standardized criteria. The evaluation categories and criteria used were the firm's history and resource capability to perform the required services, comprehensiveness and rationale of the project work plan, assigned personnel, related experience, location of firm and familiarity with the local area, originality, creativity, and soundness of the approach, and related factors. The bid tabulation is shown in Attachment No. 1.

The selection committee recommends Bucknam Infrastructure Group, Inc., as it submitted the most comprehensive proposal, has a thorough understanding of the project scope and schedule, and can readily meet the City's specific deadlines.

Prepared by:

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ATTACHMENT(S):
Attachment No. 1 – Bid Tabulation