



City of Arts & Innovation

# City Council Memorandum

**TO: HONORABLE MAYOR AND CITY COUNCIL                      DATE: OCTOBER 6, 2020**

**FROM: PUBLIC WORKS DEPARTMENT                                      WARDS: ALL**

**SUBJECT: MEASURE Z – REQUEST FOR PROPOSAL 2026 – PROFESSIONAL CONSULTANT SERVICES AGREEMENT WITH IMS INFRASTRUCTURE MANAGEMENT SERVICES, LLC TO PROVIDE ANNUAL PAVEMENT MANAGEMENT PROGRAM SERVICES UNTIL YEAR 2025 IN THE AMOUNT NOT TO EXCEED \$399,795**

**ISSUE:**

Approve a Professional Consultant Services Agreement with IMS Infrastructure Management Services, LLC, of Tempe, Arizona, for the amount of \$399,795, to provide annual evaluations of the City street network, including pavement treatment and budget strategy recommendations for the next five years for the City’s Pavement Management Program.

**RECOMMENDATIONS:**

That the City Council:

1. Approve a Professional Consultant Services Agreement with IMS Infrastructure Management Services, LLC, of Tempe, Arizona, for Pavement Management Program Annual Services for a term through December 31, 2025 in an amount not to exceed \$399,795; and
2. Authorize the City Manager, or his designee, to execute the Professional Consultant Services Agreement with IMS Infrastructure Management Services, LLC, including making minor non-substantive changes.

**BACKGROUND:**

In 2008, a study titled "California Statewide Local Streets and Road Needs Assessment" was conducted to assess the statewide needs for the local streets and roads network. The study, which is updated every two years, is sponsored by the League of California Cities and Regional Transportation Planning Agencies. The intent of the study is to report the information to the Governor, State Legislature, the California Transportation Commission, Caltrans, and other stake holders.

On December 20, 2016, the City Council approved a Professional Consultant Services Agreement

with IMS Infrastructure Management Services (IMS) in the amount of \$346,686. In 2016, Measure Z was not contributing toward the Pavement Management Program (PMP) and the Public Works Department utilized Gas Tax Funding, Account No. 9898227-440223 to update the City's Pavement Management Program (PMP). Under this agreement, IMS evaluated the entire City street network; assisted the Public Works Department with determining maintenance and rehabilitation strategies; provided budgetary recommendations for maintaining the City's overall Pavement Condition Index (PCI) at various funding levels; and integrated the City's GIS system with the collected PMP data utilizing a new pavement management software called Lucity.

In April 2019, the Budget Engagement Commission (BEC) recommended that City Council increase Measure Z funding for road maintenance in excess of the annual \$2.875 million budgeted in the 2017 Five-Year Measure Z Spending Plan. In April 2019, the City Council approved an additional \$1.5 million for the PMP through FY 2022/23. In May 2019, the City Council appropriated \$3.5 million for the PMP in FY 2019/20 and requested annual reports be provided to consider fiscal year appropriations. The street assessment study supports BEC and City Council direction to assess the pavement needs and systematically allocate funding resources to help preserve roads and address paving needs.

## **DISCUSSION:**

On June 17, 2020, the Public Works Department issued Request for Proposal No. 2026 seeking a qualified consulting firm to provide annual services for the next 5 years to continue assisting the City manage its PMP. In response to the RFP, the City received only one proposal from IMS (Attachment 1). A selection committee comprised of three Public Works staff evaluated the proposal. Based on IMS's qualifications and experience with other agencies, including developing a baseline evaluation of the entire street network for the City of Riverside, IMS was selected to provide the requested annual services.

The Public Works Department negotiated the attached Professional Consultant Services Agreement (Attachment 2) with IMS to provide PMP services over the next 5 years. Key services include:

- 1) Conduct roadway inspections of the City's 875 centerline miles (200 miles annually) based on the following criteria:
  - a) Arterials – The entire network of Arterial streets shall be surveyed in a 3-year cycle equating to approximately 46 miles being completed every year.
  - b) Collectors – The entire network of Collector streets shall be surveyed in a 4-year cycle equating to approximately 34 miles being completed every year.
  - c) Locals/Alleys – The entire network of Local streets and Alleys shall be surveyed in a 5-year cycle equating to approximately 117 miles of Local streets and 3 miles of Alleys being completed every year.
  - d) All Arterial street surveys shall be completed with "two passes" (one pass in each direction) and all other streets will be completed with "one pass".
- 2) Utilize automated surveys using video enhanced Laser Road Surface Tester (LRST) technology, which includes use of lasers, video imaging and trained operator input. The LRST equipment will collect distress data including cracking, rutting, raveling, etc.
- 3) Analyze the processed pavement distresses to calculate a surface distress index and a roughness index, which will then be used to calculate the PCI for each segment of

pavement.

- 4) Conduct deflection method testing utilizing a Dynaflect device for evaluating the pavement strength to calculate the Structural Index of the pavement which is also incorporated into the PCI calculation.
- 5) Analyze existing and establish preferred pavement treatment strategies. All existing and desired treatments and unit costs will be updated as necessary. Treatments include relevant rehabilitation strategies such as recycling, overlays, full depth replacements, etc.
- 6) Assist the City in maintaining the newly implemented PMP software called Lucity which created a dynamic link between the City's GIS street centerline system and the pavement data collected as well as keep records of the work history completed.
- 7) Conduct budget and/or target-driven scenario analyses and show impacts through the use of GIS maps. Scenarios must include maintaining the current network PCI, improving the network PCI, maintaining the current percentage of poor streets, decreasing the percentage of poor streets, and increasing the City's percentage of excellent roads.
- 8) Provide recommendations for employing better preventative maintenance and preservation strategies.

The Purchasing Manager concurs that the recommendation to award is in compliance with Purchasing Resolution 23256.

**FISCAL IMPACT:**

The total cost for IMS to perform all the services described in the Professional Consultant Services Agreement is \$399,795. There are sufficient funds available in account number 9902709-470734 (Measure Z – Pvmt Rehab/Ped Fac Imp 19/20) to execute the agreement.

Prepared by: Kris Martinez, Public Works Director  
Certified as to  
availability of funds: Edward Enriquez, Chief Financial Officer/City Treasurer  
Approved by: Rafael Guzman, Assistant City Manager  
Approved as to form: Gary G. Geuss, City Attorney

Attachments:

1. RFP 2026 Award Recommendation
2. Professional Consultant Services Agreement