



# City of San Antonio

## Agenda Memorandum

**File Number:**

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**Agenda Item Number:** 53

**Agenda Date:** September 29, 2022

**In Control:** City Council A Session

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**DEPARTMENT:** Public Works Department

**DEPARTMENT HEAD:** Razi Hosseini

**COUNCIL DISTRICTS IMPACTED:** Citywide

**SUBJECT:**

Professional Services Agreement: Asset Management Services for Pavement Condition Assessment

**SUMMARY:**

An ordinance approving a Professional Services Agreement for Asset Management Services for Pavement Condition Assessment with Applied Research Associates, Inc. This agreement is for one year with an option to extend one year in an amount not to exceed \$1,300,000.00. Funds are available from Public Works FY 2022 General Fund Adopted Budget.

**BACKGROUND INFORMATION:**

The Street Maintenance Program (SMP) aims to facilitate the timely maintenance of the City's roadway network totaling 4,224 miles. The program is driven by data derived from the City's Pavement Management System (PMS). The PMS has a Pavement Condition Index (PCI) score for every street segment in the network. The last comprehensive network condition assessment was completed in 2018.

This new contract with Applied Research Associates, Inc. will facilitate the consultant services needed to perform an updated pavement condition assessment of the City's roadway network. The

scope of work includes collecting data related to surface distresses (cracking, raveling, rutting, etc.) and ride-ability to calculate the PCI score for each street segment. The PCI is a key factor in developing the SMP, providing direction with respect to project selection, prioritization, and identification of the most appropriate maintenance application to either preserve or rehabilitate a roadway segment.

### ***Procurement of Services***

A Request for Qualifications (RFQ) for the Professional Asset Management Services for Pavement Condition was issued on April 15, 2022. This RFQ was advertised in the San Antonio Express-News, on the City's website, and through the electronic bidding portal – San Antonio eProcurement System (SAePS). A pre-submittal conference was held on April 22, 2022, and responses were due on June 8, 2022. Six (6) firms responded and submitted their Statement of Qualifications (SOQs). One respondent was deemed non-responsive for failure to submit the required proposal bond.

A selection committee consisting of City staff from the Public Works Department evaluated and ranked the submissions. Scoring was based on the published evaluation criteria, including experience, background, qualifications, key personnel and sub-consultants, including co-respondent, joint venture, or partner; understanding of the project and proposed management plan; and experience with the San Antonio region and past performance.

In accordance with Small Business Economic Development Advocacy (SBEDA) Program requirements, the RFQ submittals were reviewed by a Goal Setting Committee, which applied the Small Business Enterprise (SBE) Prime Contract Program five evaluation preference points and Minority/Women-Owned Business Enterprise (M/WBE) Prime Contract Program five evaluation preference points.

The required Contract Disclosure form for Applied Research Associates, Inc. is attached.

### **ISSUE:**

This ordinance approves a Professional Services Agreement for Asset Management Services for Pavement Condition Assessment with Applied Research Associates, Inc. This agreement is for one year with an option to extend one year in an amount not to exceed \$1,300,000.00.

The scope of work to be completed by the firm is as follows:

- Provide a PCI score for every segment (block by block) in the City's roadway network following the American Society for Testing and Materials Standard D6433. Data will be analyzed using a 0-100 pavement condition assessment scoring scale and include:
  - Pavement width of each street segment.
  - Distress Type
  - Distress Severity
  - Distress Extent
  - Any other comments related to the street segment, namely road conditions or areas identified for manual re-inspection

- Collection of pavement marking, signage and guardrail inventory for every segment (block to block) for mileage added to the street network inventory from previous pavement assessment.
- Provide an ESRI personal geodatabase which shall overlay with the City's GIS base map.
- Provide all inspection data obtained during the pavement condition rating survey to be imported into City's Cartegraph Operations Management Software system. The City will use this updated data for asset inventory management, budgeting and tracking maintenance activities.
- Provide an Executive Summary signed and sealed by a Licensed Professional Engineer of the data collection effort, as well as summarize results into tables, graphics, and descriptive text for the City.

Upon approval, the condition assessment is anticipated to begin in October 2022 and is estimated to be completed in September 2023.

#### **ALTERNATIVES:**

As an alternative, City Council could choose not to award this agreement and require staff to re-advertise; however, considering the additional time needed for another solicitation process this would adversely affect the timely completion of the pavement condition assessment.

#### **FISCAL IMPACT:**

This ordinance approves a Professional Services Agreement for Asset Management Services for Pavement Condition Assessment with Applied Research Associates, Inc. This agreement is for one year with an option to extend one year in an amount not to exceed \$1,300,000.00. Funds are available from Public Works FY 2022 General Fund Adopted Budget.

#### **RECOMMENDATION:**

Staff recommends approval of this ordinance authorizing a Professional Services Agreement for Asset Management Services for Pavement Condition Assessment with Applied Research Associates, Inc. in an amount not to exceed \$1,300,000.00 for a one-year term with an option to extend one year. Funds are available from Public Works FY 2022 General Fund Adopted Budget.