

2.11 Master Consultant Agreement with Fugro USA Land, Inc. for Roadway Condition Assessment and Data Collection.

Recommendation:

Adopt a resolution authorizing the City Manager or her designee to negotiate and execute a Master Consultant Agreement with Fugro USA Land, Inc. for Roadway Condition Assessment and Data Collection from the date of execution through December 30, 2029, for an amount not to exceed \$5,000,000.

CEQA: Not a Project, File No. PP17-002, Consultant services for design, study, inspection, or other professional services with no commitment to future action. (Transportation)



Memorandum

TO: HONORABLE MAYOR
AND CITY COUNCIL

FROM: John Ristow

SUBJECT: See Below

DATE: September 3, 2024

Approved

Date:

9/12/24

COUNCIL DISTRICT: Citywide

SUBJECT: Master Agreement with Fugro USA Land, Inc. for Roadway Condition Assessment and Data Collection

RECOMMENDATION

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SUMMARY AND OUTCOME

The approval of this resolution enables the City to secure engineering consultant services to assess City streets which will result in a comprehensive inventory of roadway assets and a full inspection of all City streets for pavement condition data. The data will be incorporated into StreetSaver®, the City's pavement management system. Analysis of this data will facilitate strategic planning and management of the pavement maintenance programs in support of the achievement of two primary goals: 1) an average Pavement Condition Index of 70 on City streets and 2) to obtain pavement condition data for the development of a reliable pavement and transportation assets management system as a tool for planning and performance measurement of the City's pavement construction projects. Collection and management of this data is also an eligibility requirement to receive funding for pavement maintenance.

BACKGROUND

The City currently maintains approximately 2,519 30-foot equivalent miles (approximately 4,913 lane miles) of streets throughout the City. The City has a goal to survey the condition of arterial, collector, and residential streets semi-annually to obtain

pavement condition data for the development of a reliable pavement and transportation assets management system as a tool for planning and performance measurement of the City's pavement construction projects and budget.

Currently, the City utilizes StreetSaver®, developed by the Metropolitan Transportation Commission, to manage the Pavement Condition Index data and maintenance history for the City's overall street network, to establish optimum maintenance treatment programs and allocate existing funds cost-effectively, and to provide pavement maintenance backlog information and long-term budget needs that will allow the City to achieve its goal of 70 average Pavement Condition Index. The Pavement Condition Index provides a snapshot of the pavement health of a road. It is measured on a scale of 0 to 100, where 100 means a newly paved road.

ANALYSIS

A Request for Proposal for consultant services for the Roadway Condition Assessment and Data Collection project was advertised on April 17, 2024. The City received proposals from four firms on May 29, 2024. Staff from the Department of Transportation conducted a selection process for consultant services based on the quality of the proposal, experience of the proposers, and equipment and costs associated with the proposal. Final scoring reflected Fugro USA Land, Inc. as the highest ranked company. Final rankings are outlined in the table below.

Rank	Consultant
1	Fugro USA Land, Inc.
2	Quality Engineering Solutions, Inc.
3	Applied Research Associates, Inc.
4	Adhara Systems, Inc.

Proposals were evaluated by a team of City of San José staff to determine a set of finalists to interview. Reviewers scored proposers on the following criteria.

Criteria	Percentage of Score
Proposal Responsiveness	(Pass / Fail)
General Requirements	10
Experience and Qualifications	10
Project Approach	10
Technical Capabilities	10
Cost Proposal	30
Oral Interview	20 (only applicable to top 2 consultants)
Local Business Enterprise	5
Small Business Enterprise	5

Of these four qualified responses, the Department of Transportation invited the top two proposers to discuss their proposals with the review panel. The two highest-ranked teams and their scores after the oral interviews were as follows: Fugro USA Land, Inc. with a score of 82.2 and Quality Engineering Solutions, Inc. with a score of 77.8.

Staff recommends that the contract be awarded to the highest ranked firm, Fugro USA Land, Inc., for a total amount not to exceed \$5,000,000.

A 10-day protest period began on June 18, 2024, after a notice to award was sent to Fugro USA Land, Inc. No protests were received.

EVALUATION AND FOLLOW-UP

No additional follow up action with the City Council is expected currently.

COST SUMMARY/IMPLICATIONS

The source of funding for this project is through the Pavement Maintenance – VTA Measure B 2016 Fund (486). The table below represents the total cost over the term of the agreement. Annual costs are subject to the appropriation of funds.

TOTAL COST OF AGREEMENT	
Project Delivery (Contract Administration)	\$500,000
Fugro USA Land, Inc. (not to exceed)	\$5,000,000
<hr/> TOTAL	<hr/> \$5,500,000

BUDGET REFERENCE

The table below identifies the fund and appropriation to fund the contract recommended as part of this memorandum.

Fund #	Appn #	Appropriation Name	Total Appropriation	Amount for Contract	2024-2025 Proposed Capital Budget Page*	Last Budget Action (Date, Ord. No.)
486	403Q	Pavement Maintenance – VTA Measure B 2016	\$23,146,167	\$5,000,000	578	06/18/2024 Ord. No. 31102

*The 2024-2025 Adopted Capital Budget was approved on June 11, 2024, and adopted on June 18, 2024, by the City Council.

COORDINATION

This memorandum has been coordinated with the City Attorney’s Office, the City Manager’s Budget Office, and the Planning, Building, and Code Enforcement Department.

PUBLIC OUTREACH

This memorandum will be posted on the City’s Council Agenda website for the September 24, 2024 City Council meeting.

COMMISSION RECOMMENDATION AND INPUT

No commission recommendation or input is associated with this action.

CEQA

Not a Project, File No. PP17-002, Consultant services for design, study, inspection, or other professional services with no commitment to future action.

HONORABLE MAYOR AND CITY COUNCIL

September 3, 2024

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PUBLIC SUBSIDY REPORTING

This item does not include a public subsidy as defined in section 53083 or 53083.1 of the California Government Code or the City's Open Government Resolution.

/s/

John Ristow

Director, Department of Transportation

For questions, please contact Frank Farshidi, Division Manager, Department of Transportation, at frank.farshidi@sanjoseca.gov or (408) 794-1945.