

CITY COUNCIL REGULAR SESSION

Resolution authorizing the execution of a three-year Professional Services Agreement with Cambridge Systematics, Inc. to provide on-call services to the City of Bellevue to support the advancement of New Mobility technology projects. The agreement has a not to exceed amount of \$300,000, plus all applicable taxes, with an option to extend the contract for two years for \$200,000, plus all applicable taxes, with the same terms and conditions.

Andrew Singelakis, Director, 452-6468
Chris Long, Interim Assistant Director, 452-6013
Daniel Lai, Senior ITS Engineer 452-6178
Transportation Department

Jennifer Ewing, Environmental Stewardship Program Manager, 452-6129
Community Development Department

EXECUTIVE SUMMARY

The Transportation New Mobility On-Call would be used to advance the autonomous, connected, electric and shared (ACES) mobility elements of the 2018 *Bellevue Smart Mobility Plan*, the 2020 *Environmental Stewardship Plan* and other partnership opportunities that develop. The consultant team will support the development of plans and studies of ACES concepts and with preparation of grant applications, concepts of operations and design plans as needed.

RECOMMENDATION

Move to adopt Resolution No. 9940

BACKGROUND/ANALYSIS

This on-call agreement is one of three on-call agreements that will provide engineering and planning support services for locally funded projects and concepts. The anticipated scope of services includes: evaluating autonomous vehicle technology; planning for expanded use of electric vehicles Citywide; greening Bellevue's fleet; development of concepts of operations for ACES technology; performance evaluation of new mobility services; design of roadside technology; public outreach for new mobility projects; grant application support; and, transportation data analytics studies.

A notice of the request for qualifications (RFQ No. 21005) was published in *The Seattle Times* and *The Seattle Daily Journal of Commerce* on February 11 and 18. Ten firms submitted proposals. After reviewing all proposals, the City selected the following three firms to provide general engineering support services:

- Cambridge Systematics, Inc.
- DKS Associates, Inc.
- HDR Engineering, Inc.

The selection criteria used to evaluate the proposals included:

- Expertise and experience in the requested specialty services identified in the RFP scope of work.
- Approach to completing an autonomous vehicle maturity assessment for the City of Bellevue.
- Qualifications and expertise of Project Manager and other lead staff.
- Ability to successfully manage at a minimum two complex projects across a variety of stakeholders related to highly technical topics.
- Success of the firm's processes and procedures for managing task order contracts.
- Reference checks on past similar work.

Cambridge Systematics, Inc. was selected due to their unique academic and data analytics approach to many of the potential scope elements, their overall approach to the AV Maturity Assessment task and their examples of projects completed for agencies similar in size to Bellevue.

POLICY & FISCAL IMPACTS

Policy Impact

The 2018-2020 Council Three-Year Priorities state that the City should “advance implementation of the Smart City Strategy, including advanced transportation technology and autonomous, connected, electric and shared vehicle technology.”

In October 2018 Council adopted an *Interest Statement for Smart Mobility* in support of the *Smart Mobility Plan* to identify the guiding principles for the introduction of smart mobility technologies.

This agreement will assist in delivery projects and initiatives identified in the 2018 Council reviewed *Smart Mobility Plan* and the 2020 Council adopted *Environmental Stewardship Plan*.

Bellevue City Code

BCC 4.28.030(B)(1): The City has promulgated policies, standards, and operational procedures that support open, fair, and transparent procurement of goods and services in accordance with all applicable laws. Such policies, standards and procedures may define the levels of authority pertaining to review and approval of contract change orders and shall be followed by all City departments.

Bellevue City Code 4.28.040(I): City Council approval is required for contracts greater than \$90,000.

Fiscal Impact

This action will obligate the City to a maximum of \$300,000, plus all applicable taxes, with Cambridge Systematics, Inc., to provide on-call services for new mobility projects. The contract is for a three-year term with an option to extend the contract for two years for \$200,000, plus all applicable taxes, with the same terms and conditions. Sufficient funds exist in the 2021-2027 CIP through individual Transportation CIP programmatic budgets (e.g., CIP Plan Nos. PW-M-20, PW-R-156, PW-R-199, etc.) and the Environmental Stewardship CIP project budget (CIP Plan No. CD-46) for electric vehicle planning tasks. Funding for future years will be contingent upon approved capital funds.

OPTIONS

1. Adopt the Resolution authorizing the execution of a three-year Professional Services Agreement with Cambridge Systematics, Inc. to provide on-call services to the City of Bellevue to support the

advancement of New Mobility technology projects. The agreement has a not to exceed amount of \$300,000, plus all applicable taxes, with an option to extend the contract for two years for \$200,000, plus all applicable taxes, with the same terms and conditions.

2. Do not adopt the Resolution and provide alternative direction to staff.

ATTACHMENTS & AVAILABLE DOCUMENTS

- A. CIP Project Description (CD-46)
 - B. CIP Project Description (PW-M-20)
 - C. CIP Project Description (PW-R-156)
 - D. CIP Project Description (PW-R-199)
- Proposed Resolution No. 9940

AVAILABLE IN COUNCIL LIBRARY

Professional Services Agreement