

CITY COUNCIL REGULAR SESSION

Resolution authorizing execution of a three-year Professional Services Agreement with KPFF Consulting Engineers, to provide on-call general engineering services for Transportation City and levy funded Capital Investment Program (CIP) projects, in an amount not to exceed \$750,000, plus all applicable taxes, with an option to extend the contract for two years for \$500,000, plus all applicable taxes, with the same terms and conditions.

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Transportation Department

EXECUTIVE SUMMARY

The transportation general engineering on-call services would be used to perform preliminary engineering, scoping, traffic studies, develop ad-ready contract documents, design reviews, and receive specialty engineering supports on locally funded CIP projects, including Neighborhood Safety, Connectivity, and Congestion Management Levy projects. This on-call contract will not only ease out the process of receiving specialty engineering support but will help prioritize the list of projects to be delivered under the Neighborhood Safety, Connectivity, and Congestion Levy program.

RECOMMENDATION

Move to adopt Resolution No. 10275

BACKGROUND/ANALYSIS

This on-call contract is one of four on-call contracts that will provide general engineering support services for locally funded Capital Investment Program (CIP) projects. The anticipated scope of services includes, but is not limited to:

- Multimodal roadway design for corridor and intersection improvements to safety and capacity.
- Pedestrian facility design including, but not limited to sidewalks, walkways, median islands, crosswalks, and off-street paths.
- Bicycle facility design including, but not limited to raised protected bicycle facility and protected intersection.
- Environmental engineering and permit support related to roadway design.
- Storm-water management, design, drainage reports, and hydraulic modeling.
- Utilities design (including joint utility trench, water, and sewer).
- Urban design, landscaping, and irrigation design.
- Corridor and intersection operational analysis using tools such as Synchro, Vissim, and Sidra.
- Safety Analysis (including crash history analysis, crash modification factor application).
- Roundabout evaluation and design.

- Traffic signal design.
- Intelligent Transportation Systems (ITS) design.
- Illumination analysis and design.
- Electrical design (e.g. transformer, RRFB, radar signs, and school zone flashing beacons).
- CAD drafting and design visualizations.
- Signage and channelization design.
- Traffic control plans, including the ability to have plans stamped/certified by a Traffic Control Supervisor (TCS), Traffic Control Design Specialist (TCDS), or licensed Professional Traffic Operations Engineer (PTOE).
- Traffic Calming design (e.g. speed cushions, speed bumps, raised crosswalks, raised intersections, chicanes, diverters, traffic circles).
- Surveying.
- Public outreach support (questionnaire development, project exhibits, videos, and design visualization renderings, project notice and construction ahead mailers).
- Structural design for elements such as pole foundations and retaining walls.
- Geotechnical engineering to support stormwater, pavement, and structural design.

A notice of the request for qualifications (RFQ No. 23022) was published in *The Seattle Times* and *The Seattle Daily Journal of Commerce* on March 16 and March 23. Twelve firms submitted proposals. After reviewing all proposals, the City selected the following four firms to provide general engineering support services:

- David Evans and Associates, Inc.
- KPFF Consulting Engineers
- Perteet, Inc.
- SCJ Alliance

The selection criteria used to evaluate the proposals included:

- Expertise and experience in the requested specialty services, as listed in the anticipated scope of services listed above.
- Verifiable success of the firm's processes and procedures for managing task order assignments or projects.
- Qualifications and expertise of the contract/project manager and key personnel to complete diverse and multidisciplinary tasks.
- The consultant firm's verifiable successful completion of task order assignments or projects.

KPFF Consulting Engineers was selected because they have a strong multidisciplinary team that has expertise in the specialty services listed in the RFQ and their commitment to deliver a well-thought-out quality product.

POLICY & FISCAL IMPACTS

Policy Impact

The 2023-2028 Transportation Improvement Program (TIP), which was adopted and passed on June 6, 2022, identified and prioritized CIP and Transportation Facilities Plan (TFP) projects. This agreement

will assist in TIP implementation from planning through project implementation for locally-funded CIP projects and TFP projects where funding has been secured. This agreement will also support projects identified for analysis and implementation through the Neighborhood Safety, Connectivity and Congestion Management Levy.

Bellevue City Code 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.

Fiscal Impact

This action will obligate the City to a maximum of \$750,000, plus all applicable taxes, with KPFF Consulting Engineers, to provide on-call engineering services for Transportation City and levy funded Capital Investment Program (CIP) projects. The contract is for a three-year term with an option to extend the contract for two years for \$500,000, plus all applicable taxes, with the same terms and conditions. Sufficient funds exist in the 2023-2029 General CIP Fund through the individual Transportation CIP project budgets to fund these services. Funding for future years will be contingent upon approved capital funds.

OPTIONS

1. Adopt the Resolution authorizing execution of a three-year Professional Services Agreement with KPFF Consulting Engineers, to provide on-call general engineering services for Transportation City and levy funded Capital Investment Program (CIP) projects, in an amount not to exceed \$750,000, plus all applicable taxes, with an option to extend the contract for two years for \$500,000, plus all applicable taxes, with the same terms and conditions.
2. Do not adopt the Resolution and provide alternative direction to staff.

ATTACHMENTS

Proposed Resolution No. 10275

AVAILABLE IN COUNCIL LIBRARY

Professional Services Agreement