

August 7, 2017

CITY COUNCIL AGENDA MEMORANDUM

SUBJECT

Resolution authorizing execution of a professional services agreement with Aspect Consultants for engineering services, for the Lower Coal Creek Flood Hazard Reduction – Group 2 and Group 3 Design and Construction Services project, in the amount of \$320,441, plus all applicable taxes (CIP Plan No. D-106).

FISCAL IMPACT

This contract obligates the City to an amount up to \$320,441, plus all applicable taxes. This work is included in the 2017-2023 Utility CIP Plan. Sufficient budget exists within the Lower Coal Creek Flood Hazard Reduction Phase 1 (CIP Plan No. D-106), to fully fund this contract.

STAFF CONTACTS

Nav Ota, Director, 452-2041

Paul Bucich, Assistant Director of Engineering, 452-4596

Utilities Department

POLICY CONSIDERATION

Utilities Department policies:

- The Utility shall identify drainage capital projects that prevent or reduce flooding or property damage, protect or improve water quality, and maintain or improve the reliability and integrity of the drainage system. The Utility shall implement projects based on priorities that are systematically identified using a rating guide to be developed by staff.

Utilities Department practices:

- It is the practice of the Utilities Department to identify and implement capital projects via the CIP that prevent or reduce flooding or property damage, protect or improve water quality, and maintain or improve the reliability and integrity of the drainage system. CIP No. D-106 has been designated to do this.

City contracting policies:

- Bellevue City Code 4.28.030: The City's procurement policy, supports open, fair, and transparent procurement of services in accordance with the City Code and state law. Because of the amount of this contract, Council approval is required.

BACKGROUND

The City of Bellevue and King County Flood Control District jointly propose to implement measures that alleviate flooding along lower Coal Creek through the Newport Shores neighborhood. The project has been determined to merit funding as it is consistent with the District's mission and purpose and is identified in the District's capital improvement program. An agreement with the District was originally approved by Council on April 1, 2013 for the initial engineering study and alternatives analysis. In July, 6, 2015 the Council approved a new agreement with the District for the remaining design and

construction, which states that the District will provide financial resources up to \$8,203,000. The original project has been broken into three separate groups. The first group consists of the design and construction of the bridge over Coal Creek at upper Skagit Key Culvert. Council awarded the construction contract for Group 1 work on May 15. The second group consists of the design and construction of the bridges over Coal Creek at Cascade Key and Newport Key as well as a new storm water outfall to the Grand Canal (Lake Washington). The third group consists of the design and construction of bridges over Coal Creek at Glacier key and lower Skagit Key and another new stormwater outfall to Lake Washington. The majority of the design work for Group 2 has been contracted through the Utilities Large On-Call Contract.

This professional services agreement for geotechnical engineering and construction support for geotechnical special inspections is part of the work required to complete the design and construction for Group 2 and Group 3.

The consultant selection process for this project was consistent with the City's policies and procedures. Five geotechnical consulting firms, including the current geotechnical team member, from the City's consultant roster classification codes 907-42 and 925-46 were selected. The five firms were:

- GeoEngineers
- AMEC
- Hart Crowser
- Aspect Consultants
- Landau & Associates

These firms were reviewed for experience on bridge foundations for local roads and construction support services for this project. Of the firms reviewed, Aspect Consultants was the only firm that provided experience in their qualifications for bridges on local streets and specifically as part of the first of the five bridges to be designed in Newport Shores. GeoEngineers and AMEC did not specifically state bridge experience in their qualifications. Hart Crowser listed mainly State highway projects and work with WSDOT. Landau & Associates listed bridge experience, but did not provide any examples of bridge work in their qualifications.

Based on the project knowledge that Aspect Consultants has working on the Preliminary Design work and Group 1 project, it was believed that Aspect Consultants would bring an expertise that GeoEngineers would not have and would take time and cost to gain.

As required by state law relating to contracts for architectural and engineering services, the City selects the consultant deemed to be the most highly qualified for a given project. State law precludes using cost as a basis for selection of engineering firms.

EFFECTIVE DATE

If approved, this Resolution becomes effective immediately upon Council adoption.

OPTIONS

1. Adopt the Resolution authorizing execution of a professional services agreement with Aspect Consultants for engineering services, for the Lower Coal Creek Flood Hazard Reduction – Group 2 and Group 3 Design and Construction Services project, in the amount of \$320,441, plus all applicable taxes (CIP Plan No. D-106).
2. Do not adopt the Resolution and provide alternative direction to staff.

RECOMMENDATION

Option 1

MOTION

Move to adopt Resolution No. 9296 authorizing execution of a professional services agreement with Aspect Consultants for engineering services, for the Lower Coal Creek Flood Hazard Reduction – Group 2 and Group 3 Design and Construction Services project, in the amount of \$320,441, plus all applicable taxes (CIP Plan No. D-106).

ATTACHMENTS

A. CIP Project Description
Proposed Resolution No. 9296

AVAILABLE IN COUNCIL DOCUMENT LIBRARY

Professional Service Agreements