

CITY COUNCIL REGULAR SESSION

Resolution authorizing the execution of a Professional Engineering Services Agreement with H.W. Lochner, Inc. in the amount of \$439,445.49, plus all applicable taxes to provide final design services for the 98th Avenue SE and SE 11th Street Slope Stabilization Project (CIP Plan No. PW-M-19).

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Transportation Department

EXECUTIVE SUMMARY

This Resolution authorizes the execution of a Professional Services Agreement with H.W. Lochner, Inc. to provide final design services for the 98th Avenue SE and SE 11th Street Slope Stabilization Project.

RECOMMENDATION

Move to adopt Resolution No. 9908

BACKGROUND/ANALYSIS

98th Avenue SE between SE 7th Street and SE 15th Street has a long history of slope movement that goes back to the early 1990's. The City previously installed two walls on 98th Avenue NE, north and south of the intersection of SE 11th Street to address past slope movement.

Over a period of heavy rainfall between January 24 and February 7, 2020, approximately seven inches of rain was recorded in the Bellevue vicinity. This rain event resulted in settlement and movement of the adjacent slope that holds up 98th Avenue SE at the intersection of SE 11th Street. The slope settlement and movement damaged the shoulder of SE 11th Street causing the gravel and curb to separate and undermine from the roadway. An interim repair was made to the shoulder by excavating the loose material and replacing it with compacted gravel. This allowed SE 11th Street to be reopened fully. The interim repair work was completed in April 2020 at a cost of approximately \$35,000.

On September 28, 2020 Council adopted Ordinance No. 6527 which authorized the execution of a Federal funding agreement with WSDOT for acceptance of up to \$1,352,998 in federal Emergency Relief funding from the Federal Highway Administration (FHWA) to support the design and construction of a permanent repair of 98th Avenue SE at the intersection with SE 11th Street (CIP Plan No. PW-M-19).

On November 16, 2020 Council adopted Ordinance No. 6545 which authorized the execution of a Federal funding agreement with the Washington State Military Department (WSMD) and the Federal Emergency Management Agency (FEMA) for acceptance of up to \$320,000 in grant funding to address continued roadway repair extending northwest on SE 11th Street, but outside of the federally classified roadway network.

This project will design a new wall system to stabilize the existing slope at the intersection of 98th Avenue SE and SE 11th Street in order to prevent future damage to the roadway. The project will also address drainage issues on the site which contribute to the movement of the slope. This project will also include pavement overlay, landscaping mitigation as needed, temporary erosion control, site improvements, utilities, and temporary traffic control.

Consultant Selection

After evaluating four consultant firms that responded to the City's Request for Qualifications (RFQ), H.W. Lochner, Inc. was selected to be the City's engineering consultant for this project. A notice of the RFQ was published in *The Seattle Times* and *The Seattle Daily Journal of Commerce* on January 7, January 14 and January 21.

The following firms submitted proposals in response to the RFQ:

- CG Engineering
- David Evans and Associates
- Golder Associates
- KPFF Consulting Engineers
- HW Lochner

The selection committee reviewed and ranked all proposals based on the evaluation criteria listed in the RFQ. Upon reviewing the submittals, the committee decided to interview the following firms:

- David Evans and Associates
- KPFF Consulting Engineers
- H.W. Lochner, Inc.

In the interview, each firm was asked the same questions related to the slope stabilization, drainage, meeting project timelines, working with grant requirements and communication.

H.W. Lochner, Inc. was selected because of their knowledge of the engineering and technical issues of the project, their ability to develop solutions to address key project challenges and an aggressive schedule, and the strength and depth of their design team.

POLICY & FISCAL IMPACTS

Policy Impact

Comprehensive Plan:

- Policy TR-39. Design, maintain, and protect the transportation system to be resilient to disaster.
- Policy TR-53. Maintain and enhance safety for all users of the roadway network.
- TR-131 directs that the City, "Seek state and federal funds for transportation capital, maintenance and operations."
- TR-136 directs that the City, "Support joint projects, including the contribution of City matching funds, with adjoining cities, King County, the transit providers, or the state, where such partnerships help establish or accelerate projects beneficial to the City."

Sound management practice—Major Maintenance Program:

- This project responds to one of the City's primary responsibilities for public safety and minimizes the City's liability by preserving transportation infrastructure.

Fiscal Impact

This action obligates the City to \$439,445.49, plus all applicable taxes, to provide final design services for the 98th Avenue SE and SE 11th Street Slope Stabilization Project (CIP Plan No. PW-M-19). This contract will be funded by Federal Emergency Relief funds from the Federal Highway Administration (FHWA) totaling approximately \$252,639 with a City match requirement of 13.5 percent and Federal Emergency Management Agency (FEMA) funds totaling approximately \$110,533 with a City match requirement of 25 percent. Sufficient funds exist in the 2021-2027 CIP (CIP Plan No. PW-M-19) to provide the City's total match requirement of approximately \$76,274 to fully fund this contract.

Grant Funding	Share of Contract	City Match	Total
FHWA (13.5% match)	\$252,638.99	\$39,429.21	\$292,068.20
FEMA (25% match)	110,532.97	36,844.32	147,377.29
Total	\$363,171.96	\$76,273.53	\$439,445.49

OPTIONS

1. Adopt the Resolution authorizing the execution of a Professional Engineering Services Agreement with H.W. Lochner, Inc. in the amount of \$439,445.49, plus all applicable taxes to provide final design services for the 98th Avenue SE and SE 11th Street Slope Stabilization Project (CIP Plan No. PW-M-19).
2. Do not adopt the Resolution and provide alternative direction to staff.

ATTACHMENTS & AVAILABLE DOCUMENTS

- A. Vicinity Map
 - B. CIP Project Description (PW-M-19)
- Proposed Resolution No. 9908

AVAILABLE IN COUNCIL LIBRARY

Professional Service Agreement