

**CITY COUNCIL REGULAR SESSION**

Resolution authorizing execution of a Professional Engineering Services Agreement with HDR Engineering, Inc. in the amount of \$160,448.60, plus all applicable taxes, to provide engineering support services during construction of the NE Spring Boulevard Multi-Modal Corridor Zone 1 Project (CIP Plan No. PW-R-172).

David Berg, Department Director, 452-6468

Ron Kessack, Deputy Director, 452-4631

Mike Mattar, Design Division Manager, 452-4318

Steve Costa, Senior Project Manager, 452-7905

*Transportation Department*

**EXECUTIVE SUMMARY**

This agreement with HDR Engineering, Inc. provides engineering support services during construction of the NE Spring Boulevard Multi-Modal Corridor Zone 1 Project. HDR Engineering, Inc. preformed the design and is the Engineer of Record for this project. The Motion to award the construction contract for this project is also scheduled for the November 19 Council meeting.

**RECOMMENDATION**

Move to adopt Resolution No. 9490.

If approved, effective date: 11/19/2018

**BACKGROUND/ANALYSIS**

The NE Spring Boulevard roadway improvements between 116<sup>th</sup> Avenue NE and 120<sup>th</sup> Avenue NE (Zone 1), and between 120<sup>th</sup> Avenue NE and 124<sup>th</sup> Avenue NE (Zone 2), are part of the broad BelRed Plan and Transportation vision of supporting planned growth and economic vitality, improving access and circulation, and capturing synergistic opportunities with Sound Transit's East Link Project.

As part of the 2017-2023 Capital Investment Program (CIP) budget, adopted by Council on December 5, 2016, NE Spring Boulevard, Zone 1, between 116<sup>th</sup> Avenue NE and 120<sup>th</sup> Avenue NE (CIP Plan No. PW-R-172) was fully funded for full implementation.

NE Spring Boulevard (Zone 1) crosses over the existing Eastside Rail Corridor and the future East Link light rail alignment. The construction of the project is being implemented in phases. The segment from the Eastside Rail Corridor (ERC) to 120<sup>th</sup> Avenue NE, which included the bridges over the ERC and the future East Link light rail alignment, was completed in January 2018. Demolition of the Delta Building, which was located within the project limits, was completed earlier this year in preparation for construction of the final segment of NE Spring Boulevard (Zone 1) between the ERC and 116<sup>th</sup> Avenue NE.

This agreement with HDR Engineering, Inc. provides engineering support services during construction. The services consist of, but are not limited to, site visits and regular contractor meeting support;

response to Requests for Information (RFIs); response to constructability issues and plan clarifications, review and approval of shop drawings and submittals; geotechnical construction observation support, and as-built drawings for storm water and water utilities. The construction period for Zone 1 is an estimated 200 days, or from January 2019 to January 2020.

The Motion to award the Bid for this project is also scheduled for the November 19 Council meeting.

### **Prior Council Actions**

In March 2010, Council approved Ordinance No. 5942 authorizing the execution of a Professional Engineering Services Agreement with HDR Engineering, Inc. in an amount not to exceed \$1,331,583.58, for advancing preliminary engineering of the NE 15<sup>th</sup>/16<sup>th</sup> Street Multi-Modal Corridor, which was funded by both CIP Plan No. PW-R-163 and CIP Plan No. PW-R-153.

In March 2013, Council approved Resolution No. 8534, authorizing execution of a Professional Services Agreement with HDR Engineering, Inc. in the amount of \$2,108,799, to complete 60 percent PS&E for the planned NE 15<sup>th</sup> Street roadway improvements between 116<sup>th</sup> Avenue NE and 120<sup>th</sup> Avenue NE (CIP Plan No. PW-R-172), and improvements between 120<sup>th</sup> Avenue NE and 124<sup>th</sup> Avenue NE (CIP Plan No. PW-R-173).

In May 2015, Council authorized execution of a Professional Engineering Services Agreement with HDR Engineering, Inc., in the amount of \$2,232,326, to complete Final Engineering Design Plans, Specifications, and Estimates (PS&E) for the planned roadway improvements between 116<sup>th</sup> Avenue NE and 120<sup>th</sup> Avenue NE (CIP Plan No. PW-R-172), and between 120<sup>th</sup> Avenue NE and 124<sup>th</sup> Avenue NE (CIP Plan No. PW-R-173).

## **POLICY & FISCAL IMPACTS**

### **Comprehensive Plan**

*Overall:* S-BR-4: Developing and implementing a phased approach so that transportation, open space, and other infrastructure is in place or committed to serve the needs of growth.

*Implementation:* S-BR-78: Implementing the Bel-Red Plan through capital investments, and other public and private strategies.

### **Fiscal Impact**

This action obligates the City in the amount of \$160,448.60, plus all applicable taxes, for professional engineering services during construction of the NE Spring Boulevard Multi-Modal Corridor: Zone 1. Sufficient funding exists in the 2017-2023 CIP (CIP Plan No. PW-R-172).

The following table provides the project financial status for PW-R-172:

(\\$000)

	Current Budget	LTD Expenditures	Total Projected Expenditures	Projected Balance	<i><b>This Action</b></i>	Actual / Projected Completion Date
Phase I (Design)	\$3,579	\$3,294	\$3,802	(\$223)	\$0	Q3-2018
Phase II (Right-of-Way)	\$4,452	\$3,178	\$3,579	\$873	\$0	Q2-2018
Phase III (Construction)	\$25,400	\$13,833	\$26,051	(\$651)	\$160	Q4-2019
Total	\$33,432	\$20,305	\$33,432	\$0	\$160	

The total projected cost includes the previously completed Zone 1 improvements from the ERC to 120<sup>th</sup> Avenue NE and the Delta demolition. Projected costs assume full implementation of the remaining project scope and full expenditure of contingencies. Reporting the contingencies in this manner illustrates the City's potential ultimate financial exposure on this project.

## OPTIONS

1. Adopt the Resolution authorizing execution of a Professional Engineering Services Agreement with HDR Engineering, Inc. in the amount of \$160,448.60, plus all applicable taxes, to provide engineering support services during construction of the NE Spring Boulevard Multi-Modal Corridor Zone 1 Project (CIP Plan No. PW-R-172).
2. Do not adopt the Resolution and provide alternative direction to staff.

## ATTACHMENTS & AVAILABLE DOCUMENTS

A. CIP Project Description (PW-R-172)  
Proposed Resolution No. 9490

## AVAILABLE IN COUNCIL LIBRARY

Professional Services Agreement