

February 13, 2017

## CITY COUNCIL AGENDA MEMORANDUM

### **SUBJECT**

Resolution authorizing execution of Amendment 1 to the Professional Services Agreement with Parsons Brinkerhoff, Inc. in the amount of \$90,000, increasing the total contract amount to \$180,000, to provide additional engineering support needed during the construction of 120th Avenue NE, Stage 3, from NE 12th Street to NE 16th Street (CIP Plan No. PW-R-168).

### **FISCAL IMPACT**

This action obligates the City to increase the existing agreement with Parsons Brinkerhoff, Inc. by \$90,000, to a total of \$180,000, to engineering support during construction for 120<sup>th</sup> Avenue NE, Stage 3, from NE 12<sup>th</sup> Street to NE 16<sup>th</sup> Street (CIP Plan No. PW-R-168).

This amount is fully funded through the 2017-2023 Capital Investment Program (CIP Plan No. PW-R-168). The following table provides the financial status of the project.

(\$000)

	Current Budget	LTD Expenditures	Total Projected Expenditures	Projected Balance	<b><i>This Action</i></b>	Actual / Projected Completion Date
Phase I (Design)	\$3,874	\$3,675	\$3,873	\$1	<b><i>\$0</i></b>	Q2-2016
Phase II (Right-of-Way)	3,214	1,497	3,529	(315)	<b><i>0</i></b>	Q2-2016
Phase III (Construction)	18,436	883	18,122	314	<b><i>90</i></b>	Q4-2017
Total	\$25,524	\$6,054	\$25,524	\$0	<b><i>\$90</i></b>	

The total project cost of \$25,524,000 (including this action) assumes full expenditure of project contingencies. Reporting the contingencies in this manner illustrates the City's potential ultimate financial exposure on this project.

The City's share of the cost for this contract will be split between the City and Sound Transit since the 120<sup>th</sup> Avenue NE project is jointly funded by the City and Sound Transit as per the MOU agreement between the two agencies.

### **STAFF CONTACTS**

David Berg, Director, 452-6468

Ron Kessack, Assistant Director 452-4631

Mike Mattar, Capital Projects Manager, 452-4318

Paul Krawczyk, Senior Project Manager, 452-7905

*Transportation Department*

## **POLICY CONSIDERATION**

### **City's 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.

#### *Urban Design:*

- S-BR-22: Promoting the design of on-street parking in a manner that is compatible with the areas urban design, and transit and pedestrian orientation.
- S-BR-25: Providing a strong consideration of urban places, character, and aesthetics in the design and implementation of all street projects.

#### *Environment:*

- S-BR-26: Promoting the rehabilitation of streams and adjacent riparian corridors to enhance the natural environment and public benefits.
- S-BR-26: Protecting and enhancing wetlands.
- S-BR-30: Considering the coordination of storm water mitigation, as an effective means to achieve broader environmental benefits.

#### *Transportation:*

- S-BR-52: Incorporating natural drainage practices to enhance the natural environment into transportation projects where appropriate, effective, and feasible.
- S-BR-59: Designing arterials in a manner contributing to community character, open-space, and environmental enhancements.
- S-BR-62: Including pedestrian and bicycle facilities in the design of arterial street improvements.
- S-BR-68: Working with Sound Transit to realize the City's preferred light rail route, alignment, and station locations.
- S-BR-75: Developing and implementing strategies to minimize neighborhood cut-through traffic associated with Bel-Red development.

#### *Implementation:*

- S-BR-78: Implementing the Bel-Red Plan through capital investments, and other public and private strategies.
- S-BR-81: Allowing development to advance in sync with and including the building of public infrastructure; consistent with the phasing approach of Policy S-BR-4.

#### *Inter-Jurisdictional Coordination:*

- S-BR-177: Coordinating with Sound Transit in providing transportation projects and services needed.

#### *Neighborhood Districts:*

- S-BR-88: Providing and including urban design and character that reflects a pedestrian-oriented retail area along 130th Avenue NE.

## **BACKGROUND**

Amending the Professional Services Agreement with Parsons Brinkerhoff, Inc., as the Engineer of Record, to provide engineering support during construction that is necessitated by field changes requested by the City or Sound Transit to accommodate the East Link light rail crossing under 120<sup>th</sup> Avenue NE. Also, this cost increase reflects the magnitude, frequency, and complexity of the engineering support needed for this project. The engineering support services mainly consist of responding to requests for information by the contractor, reviewing and approving contractor-designed elements of the project, and analyzing material substitutions and alternative construction methods

proposed by the contractor. This increase of the engineering support cost is reflective of the size and complexity of this project which includes a five-lane bridge, major retaining walls, and deep storm drainage installations.

#### General Project Background:

This project will widen and raise the existing 120th Avenue NE, from NE 12th Street to NE 1600 Block to accommodate the undercrossing of the Sound Transit (ST) East Link light rail line in this vicinity. This project also includes intersection improvements at NE 12th Street. The new roadway cross-section will consist of five lanes, including two travel lanes in each direction with a center turn lane. The project will include bike lanes, curb, gutter and sidewalk on both sides, illumination, landscaping, irrigation, urban design features, storm drainage, and water quality treatment.

Between the NE 1400 and NE 1600 blocks, the project will construct a bridge to accommodate the proposed undercrossing of the East Link light rail line. The project has been designed to reflect BelRed urban design criteria and will include new and/or relocated utility infrastructure. The project implementation will also be coordinated with private development in the vicinity, and the 120th Avenue NE, Stage 2, NE 8th to NE 12th Streets, and the proposed NE Spring Boulevard improvements to the west and east of the 120th Avenue NE corridor.

In addition to the cost sharing agreement with Sound Transit, this project also includes replacement of an existing 12-inch water main (CIP Plan No. W-16) along with installation of a 16-inch water main for the connection to the new Spring Boulevard project (CIP Plan No. W-105).

Past Council actions related to 120<sup>th</sup> Avenue NE Improvements, Stage 3:

In July 2016, Council awarded the construction contract to Scarsella Bros., Inc. as lower bidder for the amount of \$10,895,510.

In December 2016, Council authorized the execution of an amendment to increase the construction contract amount with Scarsella Bros., Inc. (Bid No. 16033) by \$865,554.71, for a total contract amount of \$11,761,064.78, resulting from unforeseen field conditions, including the discovery and required removal of contaminated soils and groundwater, during construction.

#### **EFFECTIVE DATE**

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

#### **OPTIONS**

1. Approve Resolution authorizing execution of Amendment No. 1 to the Professional Services Agreement with Parsons Brinkerhoff, Inc. in the amount of \$90,000, increasing the total contract amount to \$180,000, to provide additional engineering support needed during the construction of 120<sup>th</sup> Avenue NE, Stage 3, from NE 12<sup>th</sup> Street to NE 16<sup>th</sup> Street (CIP Plan No. PW-R-168).
2. Do not approve Resolution and provide alternative direction to staff.

#### **RECOMMENDATION**

Option 1

#### **MOTION**

Move to approve Resolution No. 9220 authorizing execution of Amendment 1 to the Professional

Services Agreement with Parsons Brinkerhoff, Inc. in the amount of \$90,000, increasing the total contract amount to \$180,000, to provide additional engineering support needed during the construction of 120th Avenue NE, Stage 3, from NE 12th Street to NE 16th Street (CIP Plan No. PW-R-168).

**ATTACHMENTS**

CIP Project Description (PW-R-168)

Vicinity Map

Proposed Resolution No. 9220

**AVAILABLE IN COUNCIL DOCUMENT LIBRARY**

Draft Consultant Contract Scope of Work