

December 4, 2017

CITY COUNCIL AGENDA MEMORANDUM

SUBJECT

Resolution authorizing the execution of a Professional Services Agreement with HDR Engineering, Inc., in the amount of \$1,272,949, plus all applicable taxes, to complete design on the 124th Avenue NE, NE Spring Boulevard to Ichigo Way (CIP Plan No. PW-R-166) and 124th Avenue NE, Ichigo Way to Northup Way (CIP Plan No. PW-R-191).

FISCAL IMPACT

This action obligates the City up to \$1,272,949, plus all applicable taxes, to develop final design and prepare construction contract documents for the widening of 124th Avenue NE, NE Spring Boulevard to Ichigo Way (CIP Plan No. PW-R-166) and 124th Avenue NE, Ichigo Way to Northup Way (CIP Plan No. PW-R-191). Sufficient funds exist in the 2017-2023 Capital Investment Program (CIP Plan Nos. PW-R-166 and PW-R-191) to fully fund this contract. The following provides the funding breakdown for this contract:

CIP Plan No.	Description	Amount
PW-R-166	124th Avenue NE, NE Spring Boulevard to Ichigo Way	\$331,053
PW-R-191	124th Avenue NE, Ichigo Way to Northup Way	\$941,896
Total Funding		<u><u>\$1,272,949</u></u>

The following tables provide the financial status of each project:

PW-R-166, 124th Avenue NE, NE Spring Blvd to Ichigo Way

(\$000)						Actual / Projected Completion Date
	Current Budget	LTD Expenditures	Total Projected Expenditures	Projected Balance	<i>This Action</i>	
Phase I (Design)	\$4,322	\$4,392	\$4,742	(\$420)	<i>\$331</i>	Q2-2018
Phase II (Right-of-Way)	8,322	264	8,322	0	<i>0</i>	Q1 -2018
Phase III (Construction)	20,795	0	20,375	420	<i>0</i>	Q4 -2019
Total	\$33,439	\$4,656	\$33,439	(\$0)	<i>\$331</i>	

PW-R-191, 124th Avenue NE, Ichigo Way to Northup Way

(\$000)						Actual / Projected Completion Date
	Current Budget	LTD Expenditures	Total Projected Expenditures	Projected Balance	<i>This Action</i>	
Phase I (Design)	\$1,380	\$21	\$1,380	\$0	<i>\$942</i>	Q2 - 2019
Phase II (Right-of-Way)	8,198	1	8,198	0	<i>0</i>	Q3 -2019
Phase III (Construction)	21,218	0	21,218	0	<i>0</i>	Q1 -2021
Total	\$30,796	\$22	\$30,796	\$0	<i>\$942</i>	

The total project cost assumes full expenditure of project contingencies. Reporting the contingencies in this manner illustrates the City's potential financial exposure on this project.

STAFF CONTACTS

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Transportation Department

POLICY CONSIDERATION

City policy requires a professional services contract amendment that increases the total value of a Council-approved contract beyond the 10 percent contingency be approved by Council.

Council-adopted Capital Investment Program (CIP), Transportation Facilities Plans (TFP), and Sub-Area Transportation priorities within the 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-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-I77: Coordinating with Sound Transit in providing transportation projects and services needed.

BACKGROUND

The 124th Avenue NE corridor projects, between NE 12th Street and Northup Way (CIP Plan Nos. PW-R-169, 166, and 191), are part of the broad BelRed Plan and the Transportation Department's vision of supporting planned growth and economic vitality, improving access and circulation, and capturing synergistic opportunities with Sound Transit's East Link Project and private development in the vicinity.

The original limits of the 124th Avenue NE project (CIP Plan No. PW-R-166) were between NE 15th/16th Avenues (now known as NE Spring Boulevard) and Northup Way. The original design contract with HDR Engineering, Inc., and Amendments No. 1 through No. 5 were executed under CIP Plan No. PW-R-166. During the 2017-2023 CIP adoption, the CIP Plan No. PW-R-166 project limits were revised to NE Spring Boulevard and Ichigo way, and a new project was created, CIP Plan No. PW-R-191, with a project limit between Ichigo way and Northup Way.

This new contract will complete the design and prepare the construction contract documents for both 124th Avenue NE, NE Spring Boulevard to Ichigo Way (CIP Plan NO. PW-R-166) and 124th Avenue NE, Ichigo Way to Northup Way (CIP Plan No. PW-R-191).

HDR Engineering, Inc. was originally selected to perform the initial design starting in 2011. There were no federal funds in the project at that time. With the authorization of the Transportation Infrastructure Finance and Innovation Act (TIFIA) loan, in June of 2017, these projects must now comply with all Federal Highway Administration requirements, which in part necessitate that any supplemental consultant design work must be accomplished via new design contracts that incorporates all required federal language and provisions.

124th Avenue NE – NE Spring Boulevard to Ichigo Way

The development of the 124th Avenue NE corridor is requiring lengthy and complex coordination efforts with many stakeholders and impacted parties. As part of the right-of-way negotiation and acquisition, design modifications were needed to address concerns raised by the adjacent property owners and easement holders. This resulted in significant additional design and redesign work to driveway accesses, underground utilities, waterline and the stormwater system, traffic control design and construction phasing.

This design contract with HDR Engineering, Inc. will fund the following:

- Continued design modification due to right of way negotiation with adjacent property owners
- Continued design coordination with Seattle City Light to acquire the necessary easements
- Continued design coordination with Sound Transit
- Updates to all project permits
- Updates to the required franchise utility agreements
- Revised PS&E and Design Documentation to conform to FHWA (TIFIA loan) requirements in addition to FTA requirements that were previously captured
- Provide engineering support during construction

124th Avenue NE – Ichigo Way to Northup Way

The 2017-2023 CIP funded the design for 124th Ave NE, Ichigo Way to Northup Way (CIP Plan No. PW-R-191) and no right of way acquisition or construction funding. Since then, the City secured a TIFIA federal loan that will fund the right of way acquisition and construction for the project, with construction targeted for 2020. This design contract with HDR Engineering, Inc. will fund the following:

- Continued coordination and design modifications needed in the right-of-way acquisition of major commercial properties including alternative analysis for possible reconfiguration of the King County Metro site
- Design modifications to accommodate new developments in the area
- Design modifications to accommodate the inclusion of a possible underground transmission corridor for a future Seattle City Light
- Supplemental field surveying and other field data in key locations
- Updates to the environmental documentation and construction permits
- Continued design coordination with Seattle City Light to acquire the necessary easements
- Design modifications to comply with TIFIA and other federal requirements and regulations

- Development of constructibility reviews and construction staging plans, since this work was not in the original design contract
- Provide engineering support during construction

Tonight's Council action will authorize the execution of the consultant Professional Services Agreement with HDR Engineering, Inc. to cover this added and/or increased magnitude of design work over and above the original consultant agreement.

Relevant Past Council Actions

On July 18, 2011, Council approved Resolution No. 8264 authorizing execution of a consultant agreement with HDR Engineering, Inc. (Clerk's Receiving No. 47737), to develop 30 percent design for 124th Avenue NE, between NE 14th Street and Northup Way (CIP Plan No. PW-R-166).

On October 15, 2012, Council approved Resolution No. 8461 authorizing the execution of Amendment No. 1 to the Professional Engineering Service Agreement with HDR Engineering, Inc., increasing the total contract amount from \$818,512 to \$1,568,776 to advance the engineering from 30 percent to 60 percent level, including developing 60 percent design plans, specifications, and cost estimates for future improvements on 124th Avenue NE, between NE 14th Street and Northup Way (CIP Plan No. PW-R-166).

On March 4, 2013, Council approved Resolution No. 8533 authorizing the execution of Amendment No. 2 to the Professional Engineering Service Agreement with HDR Engineering, Inc., increasing the total contract amount from \$1,568,776 to \$3,694,986 to advance the 60 percent design to final design, including developing contract documents, specifications, and cost estimates for future improvements on 124th Avenue NE, between NE 14th Street and Northup Way (CIP Plan No. PW-R-166). Later amendments to the original HDR contract (Amendments 3, 4, and 5) were all accomplished administratively.

On July 17, 2017 Council approved Ordinance No. 6362 adopting amendments to the 2017-2023 CIP program to reflect the revised project scopes and budgets for the five projects, including 124th Avenue NE – Ichigo Way to Northup Way (CIP Plan No. PW-R-191) to be fully funded by the TIFIA loan.

EFFECTIVE DATE

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

OPTIONS

1. Adopt the Resolution authorizing the execution of a Professional Services Agreement with HDR Engineering, Inc., in the amount of \$1,272,949, plus all applicable taxes, to complete design on the 124th Avenue NE, NE Spring Boulevard to Ichigo Way (CIP Plan No. PW-R-166) and 124th Avenue NE, Ichigo Way to Northup Way (CIP Plan No. PW-R-191).
2. Do not adopt the Resolution and provide alternative direction to staff.

RECOMMENDATION

Option 1

MOTION

Move to Adopt Resolution No. 9334 authorizing the execution of a Professional Services Agreement with HDR Engineering, Inc., in the amount of \$1,272,949, plus all applicable taxes, to complete design on the 124th Avenue NE, NE Spring Boulevard to Ichigo Way (CIP Plan No. PW-R-166) and 124th Avenue NE, Ichigo Way to Northup Way (CIP Plan No. PW-R-191).

ATTACHMENTS

- A. Vicinity Map (124th Avenue NE, NE Spring Boulevard to Ichigo Way)
 - B. Vicinity Map (124th Avenue NE, Ichigo Way to Northup Way)
 - C. CIP Project Description (PW-R-166)
 - D. CIP Project Description (PW-R-191)
- Proposed Resolution No. 9334

AVAILABLE IN COUNCIL DOCUMENT LIBRARY

Final Draft of Professional Services Agreement