

CITY COUNCIL REGULAR SESSION

Resolution authorizing the execution of Supplement #8 of the Professional Engineering Services Agreement with HDR Engineering, Inc. (Contract No.1750306) in the amount of \$558,198, plus all applicable taxes, to provide engineering support services during construction of the 124th Avenue NE – Ichigo Way to Northup Way (CIP Plan No. PW-R-191) project.

Andrew Singelakis, Director, 452-6468
Maher Welaye, Assistant Director, 452-4879
Kyle Potuzak, Design Division Manager, 452-2027
Marina Arakelyan, Senior Project Manager, 452-4362
Transportation Department

EXECUTIVE SUMMARY

This Resolution provides engineering support services during construction of the 124th Avenue NE – Ichigo Way to Northup Way project. HDR Engineering, Inc. performed the design and is the Engineer of Record for this project. An Ordinance to amend the 2021-2027 General Capital Investment Program (CIP) Plan and to award the construction contract for this project are also scheduled for tonight's Council meeting.

RECOMMENDATION

Move to adopt Resolution No. 10152

BACKGROUND/ANALYSIS

The 124th Avenue NE - Ichigo Way to Northup Way (CIP Plan No. PW-R-191) project will reprofile and widen the roadway from two lanes to five lanes, improving traffic flow and adding sidewalks on both sides. The project also includes replacing culvert with fish passable culvert, retaining walls, illumination, traffic signalization, landscaping, irrigation, joint utility trench, water lines, and storm drainage. This project is 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.

The 124th Avenue NE corridor improvements has been implemented in three phases. The first phase between NE Spring Boulevard and Ichigo Way has been completed in spring of 2021. The segment between NE 12th Street and NE Spring Boulevard is the second phase and currently in construction. The anticipated date of project completion is summer 2023. This is the third and last phase of 124th corridor improvements.

This project was funded for full implementation as part of the 2021-2027 CIP budget, adopted by Council on December 14, 2020.

HDR Engineering, Inc. was originally selected to perform the initial and final design work for the 124th Avenue NE corridor under various contracts.

Supplement #8 consists of HDR Engineering, Inc., as the Engineer of Record, providing engineering services during construction, including but 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 developing as-built drawings for storm water and water utilities.

The construction period for Ichigo Way to Northup Way is estimated at 345 working days. Construction is anticipated to begin in spring of 2023 with completion at the end of 2024.

POLICY & FISCAL IMPACTS

Policy Impact

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.

Utilities: The Utility shall invest resources as necessary to construct, maintain and renew water system infrastructure and equipment such that Utility customers are provided consistent, reliable service.

Transportation: TR-26: Increase system connectivity for all modes by providing vehicular, transit, pedestrian, and bicycling facilities to create a Complete Streets network throughout the City.

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

Fiscal Impact

This is one of two items scheduled for Council action tonight for the 124th Ave NE - Ichigo Way to Northup Way (CIP Plan No. PW-R-191). The other item is an Ordinance to amend the 2021-2027 General CIP Plan and to award the bid to construct this project.

This action obligates the City to increase the contract with HDR Engineering, Inc. by \$558,198 for a total contract amount of \$2,722,964 plus all applicable taxes, for professional engineering services during construction of the 124th Avenue NE – Ichigo Way to Northup Way. Following approval of the Ordinance on tonight's Council agenda there will be sufficient funding in the 2021-2027 CIP (CIP Plan No. PW-R-191) to fully fund this contract.

The original contract and prior amendments were funded through PW-R-166 and PW-R-191. The supplement #3, #4 and #7 were time extensions only.

Professional Services Agreement with HDR Engineering, Inc.			
	Total	Funded by:	
		PW-R-166	PW-R-191
Original Contract (No. 1750306)	\$1,272,949.00	\$331,053.00	\$941,896.00
Supplement No. 1	202,018.97	202,018.97	-
Supplement No. 2	64,499.00	64,499.00	-
Supplement No. 3	-	-	-
Supplement No. 4	-	-	-
Supplement No. 5	535,327.00	-	535,327.00
Supplement No. 6	89,972.00	-	89,972.00
Supplement No. 7	-	-	-
Supplement No. 8 (Tonight's Action)	558,198.00	-	558,198.00
Amended Contract	\$2,722,963.97	\$597,570.97	\$2,125,393.00

The following table provides the project financial status for PW-R-191:

(\$000)						
	Current Budget	Life-to-Date Expenditures	Total Projected Expenditures	Projected Balance	<i>This Action</i>	Actual / Projected Completion Date
Phase I (Design)	\$1,759	\$2,225	\$2,404	(\$645)	\$0	Q2-2022
Phase II (Right-of-Way)	7,994	4,087	7,372	622	0	Q2-2022
Phase III (Construction)	23,368	1,682	31,364	(7,996)	558	Q4-2024
Total	\$33,121	\$7,994	\$41,140	(\$8,019)	\$558	

The total projected project cost of \$41,140,000 (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.

OPTIONS

1. Adopt the Resolution authorizing the execution of Supplement #8 of the Professional Engineering Services Agreement with HDR Engineering, Inc. (Contract No.1750306) in the amount of \$558,198, plus all applicable taxes, to provide engineering support services during construction of the 124th Avenue NE – Ichigo Way to Northup Way (CIP Plan No. PW-R-191) project.
2. Do not adopt the Resolution and provide alternative direction to staff.

ATTACHMENTS & AVAILABLE DOCUMENTS

- A. Vicinity Map
 - B. CIP Project Description (PW-R-191)
- Proposed Resolution No. 10152

AVAILABLE IN COUNCIL LIBRARY

Supplemental Agreement #8