

CITY COUNCIL REGULAR SESSION

Resolution authorizing the execution of Supplement #5 of the Professional Engineering Services Agreement with HDR Engineering, Inc. (Contract No.1750306) in the amount of \$535,327.00, plus all applicable taxes, to complete the engineering design and to prepare the construction contract documents for the 124th Avenue NE – Ichigo Way to Northup Way (CIP Plan No. PW-R-191) project.

Andrew Singelakis, Director, 452-6468
Ron Kessack, Assistant Director, 452-4631
Mike Mattar, Design Division Manager, 452-4318
Marina Arakelyan, Senior Project Manager, 452-4362
Transportation Department

EXECUTIVE SUMMARY

This Resolution authorized the execution of Supplement #5 of the Professional Services Agreement with HDR Engineering, Inc. to complete the engineering design and to prepare the construction contract documents for the 124th Avenue NE – Ichigo Way to Northup Way (CIP Plan No. PW-R-191) project.

RECOMMENDATION

Move to adopt Resolution No. 10026

BACKGROUND/ANALYSIS

The 124th Avenue NE corridor improvements is divided into four segments: NE 8th Street to NE 12th Street has been completed; NE 12th Street to NE Spring Boulevard is in the construction phase; NE Spring Boulevard to Ichigo Way has been completed; and Ichigo Way to Northup Way is in the design phase. The 124th Avenue NE corridor improvements 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.

HDR Engineering, Inc. was originally selected to perform the design work for the 124th Avenue NE corridor under various contracts. This contract was created to complete the design and prepare the construction contract documents for 124th Ave NE, Spring Blvd to Ichigo Way (PW-R-166) and 124th Avenue NE, Ichigo Way to Northup Way (Plan No. PW-R-191).

The design development of the 124th Avenue NE corridor required lengthy and complex coordination with many stakeholders and impacted parties. This resulted in significant additional design, and design revision work, that were not foreseen under the original Professional Engineering Services Agreement, nor the subsequent supplements.

Some of the additional design work includes:

- New and revised design work to accommodate adjacent property owners and businesses, during the right-of-way negotiation and acquisition process.
- Additional geotechnical design and field investigation, after significant underground water was discovered within the project limits.

- Revisions to the wall design around the culvert to support the aquifer condition present at the site.
- Several changes to the culvert design to comply with the conditions of federal, state, and City project permits.
- Several design changes to accommodate adjacent private developments.
- Additional reviews and audits of the contract documents because of design updates and re-designs since the last design update was five years ago.

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.

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 to increase the contract with HDR Engineering, Inc. by \$535,327.00 for a total contract amount of \$2,074,793.97, plus all applicable taxes, to complete engineering design and prepare construction contract documents for the 124th Avenue NE – Ichigo Way to Northup Way. Sufficient funding exists in the 2021-2027 CIP (CIP Plan No. PW-R-191). The original contract and prior amendments were funded through PW-R-166 and PW-R-191. The supplement #3 and #4 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	-	-	-
Proposed Supplement No. 5	535,327.00		535,327.00
Amended Contract	\$2,074,793.97	\$597,570.97	\$1,477,223.00

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	\$1,314	\$2,427	(\$668)	<i>\$0</i>	Q1-2022
Phase II (Right-of-Way)	7,994	895	7,484	510	<i>0</i>	Q1-2022
Phase III (Construction)	23,368	1,677	23,210	159	<i>535</i>	Q4-2023
Total	\$33,121	\$3,886	\$33,121	\$0	<i>\$535</i>	

The total projected project cost of \$33,121,000 (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 #5 of the Professional Engineering Services Agreement with HDR Engineering, Inc. (Contract No.1750306) in the amount of \$535,327.00, plus all applicable taxes, to complete the engineering design and to prepare the construction contract documents for 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. 10026

AVAILABLE IN COUNCIL LIBRARY

Supplemental #5