



INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Committee
FROM: Henry Hash, Public Works Director
BY: Adam Cox, Transportation Project Manager
CC: Mayor Ekberg
DATE: August 30, 2019
SUBJECT: Annual Bridge Inspections and Repairs – S 196th/200th Street Bridge Repair Project No. 91710406 Bid Award

ISSUE

Award the construction bid to Nordvind Company, LLC. (Nordvind) for the South 196th/200th Street Bridge Repair Project.

BACKGROUND

The South 196th/200th Street Bridge Repair project includes repair of approximately 100 linear feet of street improvements within the right-of-way of South 200th Street, including the removal and replacement of the concrete bridge approach and other associated structures on the west side of the Green River.

DISCUSSION

A call for bids was advertised on August 6 and 13, 2019 and one addenda was issued addressing clarifications in the bid documents. Six bids were opened on August 20, 2019 and the apparent low bid was from Nordvind Company.

BUDGET AND BID SUMMARY

Table with 4 columns: Bidder, Engineer's Estimate, Bid Amount, and 2019/2020 Budget. Rows include Nordvind Company, Contingency 20%, and Grand Total.

RECOMMENDATION

Council is being asked to award the bid to Nordvind Company, LLC. in the amount of \$320,400 for the South 196th/200th Street Bridge Repair Project and to consider this item on the Consent Agenda at the September 16, 2019 Regular Meeting.

Attachments: Page 17, 2019 CIP Bid Tabulation

## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2019 to 2024

**PROJECT:** Annual Bridge Inspections and Repairs

Project No. 9XX10402

**DESCRIPTION:** Ongoing program of bi-annual inspections, repairs, painting and rehabilitation of the 22 City bridges.

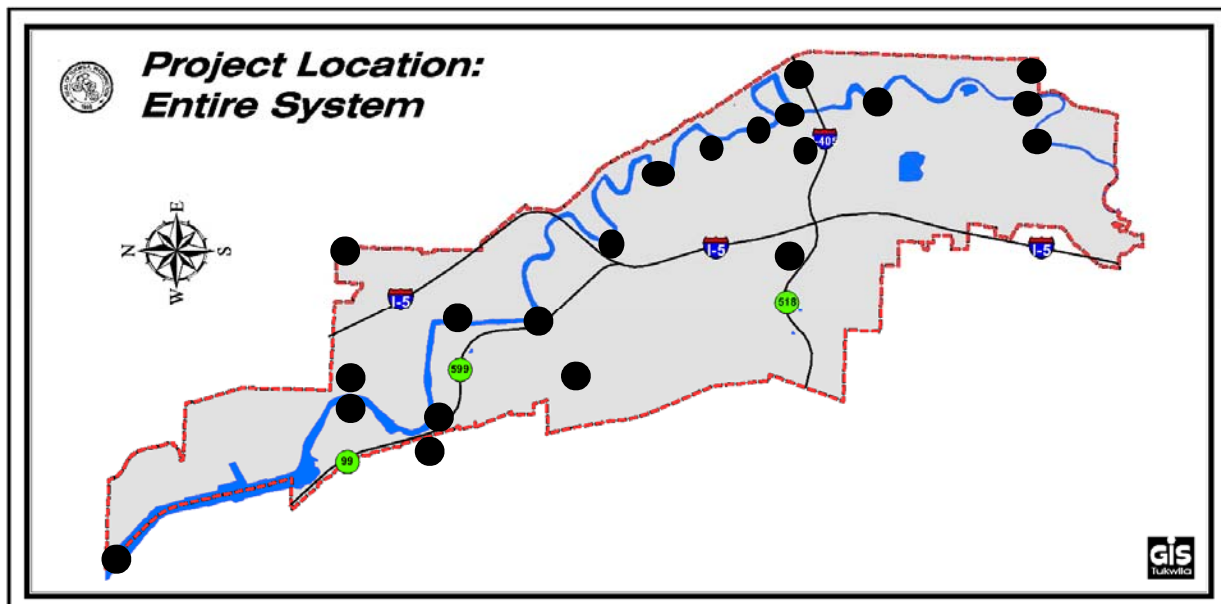
**JUSTIFICATION:** Federally required program identifies safety or repair needs in the early stages to minimize hazards and costs. The number of bridge inspections necessary each year can vary year to year. Inspection frequencies vary from bridge to bridge and King County has provided some inspection services.

**STATUS:** Construction projects will be determined from inspection reports and noted deficiencies/problems.

**MAINT. IMPACT:** Reduces maintenance costs.

**COMMENT:** Ongoing project, only one year actuals are shown in the first column.

FINANCIAL (in \$000's)	Through 2017	Estimated 2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	141	45	45	45	55	55	65	65	65	581
Land (R/W)										0
Const. Mgmt.	1	40	40	40	50	50	60	60	60	401
Construction	32	250	250	250	300	300	325	325	325	2,357
<b>TOTAL EXPENSES</b>	<b>174</b>	<b>335</b>	<b>335</b>	<b>335</b>	<b>405</b>	<b>405</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>3,339</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	174	335	335	335	405	405	450	450	450	3,339
<b>TOTAL SOURCES</b>	<b>174</b>	<b>335</b>	<b>335</b>	<b>335</b>	<b>405</b>	<b>405</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>3,339</b>



196th/ 200th Street Bridge Repair

Certified Bid Tab

ITEM NO.	ITEM	UNITS	QUANTITY	Engineering Estimate		Nordvind Company, LLC.		Quigg Bros., Inc.		Ceccanti, Inc.		SB Structures, LLC.		Combined Construction, LLC.		Westwater Construction Company	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	Clearing and Grubbing	LS	1	\$ 3,000	\$ 3,000	\$ 10,000	\$ 10,000	\$ 3,400	\$ 3,400	\$ 3,700	\$ 3,700	\$ 500	\$ 500	\$ 3,500	\$ 3,500	\$ 3,000	\$ 3,000
2	Controlled Density Fill	CY	65	\$ 50	\$ 3,250	\$ 100	\$ 6,500	\$ 180	\$ 11,700	\$ 165	\$ 10,725	\$ 185	\$ 12,025	\$ 300	\$ 19,500	\$ 90	\$ 5,850
3	Crushed Surfacing Base Course	CY	25	\$ 80	\$ 2,000	\$ 100	\$ 2,500	\$ 150	\$ 3,750	\$ 100	\$ 2,500	\$ 75	\$ 1,875	\$ 110	\$ 2,750	\$ 50	\$ 1,250
4	HMA for Approach Cl. 1/2 In. PG-64-22	TON	120	\$ 180	\$ 21,600	\$ 350	\$ 42,000	\$ 220	\$ 26,400	\$ 238	\$ 28,560	\$ 200	\$ 24,000	\$ 350	\$ 42,000	\$ 150	\$ 18,000
5	NOT USED																
6	Cement Conc. Traffic Curb and Gutter	LF	60	\$ 90	\$ 5,400	\$ 40	\$ 2,400	\$ 55	\$ 3,300	\$ 65	\$ 3,900	\$ 50	\$ 3,000	\$ 175	\$ 10,500	\$ 100	\$ 6,000
7	Mobilization	LS	1	\$ 32,665	\$ 32,665	\$ 10,000	\$ 10,000	\$ 60,000	\$ 60,000	\$ 48,000	\$ 48,000	\$ 55,000	\$ 55,000	\$ 45,000	\$ 45,000	\$ 40,000	\$ 40,000
8	Structure Surveying	LS	1	\$ 10,000	\$ 10,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 6,200	\$ 6,200	\$ 6,000	\$ 6,000	\$ 10,000	\$ 10,000	\$ 3,000	\$ 3,000
9	Type A Progress Schedule	LS	1	\$ 2,000	\$ 2,000	\$ 500	\$ 500	\$ 3,900	\$ 3,900	\$ 1,500	\$ 1,500	\$ 1,000	\$ 1,000	\$ 7,500	\$ 7,500	\$ 1,000	\$ 1,000
10	Unexpected Site Changes	FA	1	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
11	Resolution of Utility Conflicts	FA	1	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
12	SPCC Plan	LS	1	\$ 5,000	\$ 5,000	\$ 500	\$ 500	\$ 1,100	\$ 1,100	\$ 1,500	\$ 1,500	\$ 2,000	\$ 2,000	\$ 7,500	\$ 7,500	\$ 1,000	\$ 1,000
13	Temporary Erosion & Sediment Control and Water Pollution Prevention (including SWPPP Implementation)	LS	1	\$ 7,000	\$ 7,000	\$ 10,000	\$ 10,000	\$ 2,900	\$ 2,900	\$ 9,000	\$ 9,000	\$ 7,500	\$ 7,500	\$ 15,000	\$ 15,000	\$ 2,500	\$ 2,500
14	Project Temporary Traffic Control, Min. Bid \$50,000	LS	1	\$ 55,000	\$ 55,000	\$ 67,500	\$ 67,500	\$ 125,000	\$ 125,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
15	Removal of Structures and Obstructions	LS	1	\$ 25,000	\$ 25,000	\$ 15,000	\$ 15,000	\$ 50,000	\$ 50,000	\$ 88,000	\$ 88,000	\$ 77,000	\$ 77,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
16	Sawcutting	IN-FT	2300	\$ 0.75	\$ 1,725	\$ 10	\$ 23,000	\$ 2	\$ 3,450	\$ 2	\$ 4,600	\$ 50.6	\$ 1,380	\$ 3	\$ 5,750	\$ 1.0	\$ 2,300
17	Concrete Pavement Seat incl. Dowel Bars	LS	1	\$ 40,000	\$ 40,000	\$ 5,000	\$ 5,000	\$ 18,000	\$ 18,000	\$ 42,000	\$ 42,000	\$ 20,000	\$ 20,000	\$ 17,500	\$ 17,500	\$ 40,000	\$ 40,000
18	Bridge Approach Slab	SY	205	\$ 320	\$ 65,600	\$ 225	\$ 46,125	\$ 300	\$ 61,500	\$ 990	\$ 202,950	\$ 350	\$ 71,750	\$ 750	\$ 153,750	\$ 586	\$ 120,130
19	Expansion Joint System Compression Seal - Superstr.	LS	1	\$ 18,750	\$ 18,750	\$ 10,000	\$ 10,000	\$ 7,000	\$ 7,000	\$ 8,400	\$ 8,400	\$ 4,500	\$ 4,500	\$ 15,000	\$ 15,000	\$ 17,000	\$ 17,000
20	Cast-In-Place Conc. Barrier	LF	25	\$ 350	\$ 8,750	\$ 100	\$ 2,500	\$ 500	\$ 12,500	\$ 465	\$ 11,625	\$ 350	\$ 8,750	\$ 1,500	\$ 37,500	\$ 650	\$ 16,250
21	Traffic Pedestrian Barrier	LF	50	\$ 300	\$ 15,000	\$ 100	\$ 5,000	\$ 450	\$ 22,500	\$ 480	\$ 24,000	\$ 350	\$ 17,500	\$ 400	\$ 20,000	\$ 900	\$ 45,000
22	Conduit Pipe 4 In. Diam.	LF	55	\$ 65	\$ 3,575	\$ 50	\$ 2,750	\$ 200	\$ 11,000	\$ 60	\$ 3,300	\$ 20	\$ 1,100	\$ 40	\$ 2,200	\$ 150	\$ 8,250
23	Conduit Pipe 2 In. Diam.	LF	120	\$ 40	\$ 4,800	\$ 50	\$ 6,000	\$ 85	\$ 10,200	\$ 50	\$ 6,000	\$ 15	\$ 1,800	\$ 20	\$ 2,400	\$ 100	\$ 12,000
24	Cement Conc. Sidewalk	SY	65	\$ 120	\$ 7,800	\$ 225	\$ 14,625	\$ 95	\$ 6,175	\$ 145	\$ 9,425	\$ 70	\$ 4,550	\$ 210	\$ 13,650	\$ 200	\$ 13,000
25	Paint Line	LF	350	\$ 4	\$ 1,400	\$ 10	\$ 3,500	\$ 6	\$ 2,100	\$ 2	\$ 700	\$ 5	\$ 1,750	\$ 15	\$ 5,250	\$ 3	\$ 1,050
26	Property Restoration	LS	1	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
<b>Subtotal:</b>				\$	<b>359,315</b>	\$	<b>320,400</b>	\$	<b>480,875</b>	\$	<b>586,585</b>	\$	<b>392,980</b>	\$	<b>566,250</b>	\$	<b>486,580</b>

Errors in Contractor Bid Proposals:

1 Proposal amount for this bid item is \$437,980 which is \$45,000 more than the calculated amount.

Certified by  Date August 20, 2019  
Adam Cox, P.E., Transportation Project Manager