



## INFORMATIONAL MEMORANDUM

TO: **Transportation and Infrastructure Services Committee**  
 FROM: **Hari Ponnekanti, Public Works Director/City Engineer**  
 BY: **Cyndy Knighton, Senior Program Manager**  
 CC: **Mayor Ekberg**  
 DATE: **November 19, 2021**  
 SUBJECT: **West Valley Highway/Longacres Way Project Bid Award**  
**Project No. 99310410**  
**Contract Award to Road Construction Northwest**

### **ISSUE**

Award the West Valley Highway/Longacres Way construction contract to Road Construction Northwest, Inc.

### **BACKGROUND**

The West Valley Highway project will construct a third northbound lane from Strander Blvd to S 156<sup>th</sup> Street and will construct missing sidewalk sections on the east side. A widened shared-use path will be added on the west side between Longacres Way and the newly widened sidewalks adjacent to the Tukwila Urban Center Pedestrian Bridge. A new two-way cycle track will be installed on the south side of Longacres Way and street illumination will be added for pedestrians and vehicles.

### **ANALYSIS**

A call for bids was advertised on October 19, 2021 and October 23, 2021 for the West Valley Highway/Longacres Way project. Two addenda were issued correcting minor issues in the bid documents. Bids were due by 9:30 a.m. on November 9, 2021 and were publicly opened at 10:00 a.m. on the same day. Eight bids were received.

The construction bids were reviewed, and only minor irregularities were found. There was a minor mathematical error in the apparent low bid which lowered it by \$7,758.00. This error is considered a minor irregularity in the proposal and has been waived as being insignificant. The fourth lowest bidder also had two minor mathematical errors. The apparent low bid was received from Road Construction Northwest, Inc. They successfully worked for Tukwila on past projects with similar size and scope.

### **FINANCIAL IMPACT**

The bid from Road Construction Northwest came in under the Engineer's Estimate and is within the available funding for the project.

	<b>Cost Estimate</b>	<b>Construction Budget</b>
RCNW Bid	\$3,590,407.40	\$4,355,000.00
Contingency (~15%)	<u>539,000.00</u>	
<b>Construction Total</b>	<b>\$4,129,407.40</b>	

### **RECOMMENDATION**

Council is being asked to approve the West Valley Highway/Longacres Way construction contract to Road Construction Northwest, Inc, in the amount of \$3,590,407.40 and contingency of \$539,000, and consider this item on the Consent Agenda at the December 6, 2021 Regular Meeting.

**ATTACHMENTS:** Certified Bid Tabulation  
2021 CIP, Pg 8 Revised







Certified Bid Tab

Certified Bid Tab				Low Bid		2		3		4		5		6		7		8					
Bid Item No.	Bid Item Description	Quantity	Unit	Engineer's Estimate		Road Construction Northwest, Inc.		Razz Construction, Inc.		Active Construction, Inc		Pivetta Brothers Construction Inc.		Westwater Construction Company		Gary Merlino Construction Company		Rodarte Construction, Inc.		Tucci & Sons, Inc			
				Unit Price	Amount	Unit Price	Amount	(x)	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	(x)	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
167	PEDESTRIAN TRAFFIC CONTROL	1	L.S.	\$500.00	\$500.00	\$1,200.00	\$1,200.00		\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$3,100.00	\$3,100.00	
168	TRAFFIC CONTROL SUPERVISOR	1	L.S.	\$1,000.00	\$1,000.00	\$5,100.00	\$5,100.00		\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00	\$17,230.45	\$17,230.45	\$2,500.00	\$2,500.00	\$20,000.00	\$20,000.00	\$3,000.00	\$3,000.00	\$13,000.00	\$13,000.00	
				<b>Subtotal</b>	<b>\$299,866.40</b>	<b>Subtotal</b>	<b>\$382,373.00</b>		<b>Subtotal</b>	<b>\$92,108.61</b>	<b>Subtotal</b>	<b>\$378,682.20</b>	<b>Subtotal</b>	<b>\$389,283.65</b>	<b>Subtotal</b>	<b>\$303,280.00</b>	<b>Subtotal</b>	<b>\$357,191.20</b>	<b>Subtotal</b>	<b>\$391,636.00</b>	<b>Subtotal</b>	<b>\$360,372.00</b>	
<b>ROADSIDE DEVELOPMENT</b>																							
169	WAYFINDING SIGNS	1	LS	\$1,600.00	\$1,600.00	\$10,560.00	\$10,560.00		\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$25,475.00	\$25,475.00	\$1,500.00	\$1,500.00	\$9,000.00	\$9,000.00	\$1,600.00	\$1,600.00	\$2,500.00	\$2,500.00	
170	PSIPE - GAULTHERIA SHALLON, 1 GAL.	4	EACH	\$25.20	\$100.80	\$14.00	\$56.00		\$17.00	\$68.00	\$14.00	\$56.00	\$16.00	\$64.00	\$20.00	\$80.00	\$15.00	\$60.00	\$26.00	\$104.00	\$17.00	\$68.00	
171	PSIPE - MAHONIA NERVOSA, 1 GAL.	4	EACH	\$18.00	\$72.00	\$16.50	\$66.00		\$23.00	\$92.00	\$17.00	\$68.00	\$20.00	\$80.00	\$25.00	\$100.00	\$19.00	\$76.00	\$26.00	\$104.00	\$23.00	\$92.00	
172	PSIPE - KALMIA LATIFOLIA 'ELF', 2 GAL.	6	EACH	\$78.00	\$468.00	\$26.25	\$157.50		\$45.00	\$270.00	\$26.00	\$156.00	\$37.00	\$222.00	\$45.00	\$270.00	\$35.00	\$210.00	\$26.00	\$156.00	\$45.00	\$270.00	
				<b>Subtotal</b>	<b>\$2,240.80</b>	<b>Subtotal</b>	<b>\$10,839.50</b>		<b>Subtotal</b>	<b>\$4,430.00</b>	<b>Subtotal</b>	<b>\$5,280.00</b>	<b>Subtotal</b>	<b>\$25,841.00</b>	<b>Subtotal</b>	<b>\$1,950.00</b>	<b>Subtotal</b>	<b>\$9,346.00</b>	<b>Subtotal</b>	<b>\$1,964.00</b>	<b>Subtotal</b>	<b>\$2,930.00</b>	
<b>ILLUMINATION SYSTEM</b>																							
173	ILLUMINATION SYSTEM - SR 181	1	LS	\$14,400.00	\$14,400.00	\$42,930.00	\$42,930.00		\$93,581.79	\$93,581.79	\$40,000.00	\$40,000.00	\$41,000.00	\$41,000.00	\$40,000.00	\$40,000.00	\$50,000.00	\$50,000.00	\$45,000.00	\$45,000.00	\$44,000.00	\$44,000.00	
				<b>Subtotal</b>	<b>\$14,400.00</b>	<b>Subtotal</b>	<b>\$42,930.00</b>		<b>Subtotal</b>	<b>\$93,581.79</b>	<b>Subtotal</b>	<b>\$40,000.00</b>	<b>Subtotal</b>	<b>\$41,000.00</b>	<b>Subtotal</b>	<b>\$40,000.00</b>	<b>Subtotal</b>	<b>\$50,000.00</b>	<b>Subtotal</b>	<b>\$45,000.00</b>	<b>Subtotal</b>	<b>\$44,000.00</b>	
				<b>Schedule C Subtotal</b>	<b>\$491,523.07</b>	<b>x</b>	<b>\$529,726.70</b>	<b>5</b>	<b>✓</b>	<b>\$347,845.54</b>	<b>✓</b>	<b>\$601,372.53</b>	<b>x</b>	<b>\$603,595.33</b>	<b>2</b>	<b>✓</b>	<b>\$431,523.20</b>	<b>✓</b>	<b>\$541,332.52</b>	<b>✓</b>	<b>\$584,074.76</b>	<b>✓</b>	<b>\$562,501.76</b>
<b>TOTAL CONSTRUCTION BID</b>				<b>\$3,636,694.57</b>	<b>\$3,590,407.40</b>	<b>6</b>	<b>✓</b>	<b>\$3,696,619.74</b>	<b>\$3,795,795.00</b>	<b>\$3,846,504.42</b>	<b>3</b>	<b>✓</b>	<b>\$3,899,772.20</b>	<b>\$4,022,335.22</b>	<b>\$4,254,361.51</b>	<b>\$4,279,101.56</b>							

Miscalculations in Contractor Bid Proposals:

- (1) Amount entered on Proposal was \$2,498,295.76. Summing the calculated unit price amounts is \$2,498,195.76. Error carried through to bid amount.
- (2) Amount entered on Proposal was \$603,595.03. Summing the calculated unit price amounts is \$603,595.33. Error carried through to bid amount.
- (3) Amount entered on Proposal was \$3,846,604.12. Summing the calculated three schedules reflects the transposition errors 1 and 2.
- (4) Amount entered on Proposal was \$13,454.50. Calculating the unit price times the units calculates to \$12,696.50. Error carried through to bid amount.
- (5) Amount entered on Proposal was \$537,484.70. Summing the calculated prices is \$529,726.70. Error from #4 was carried into this schedule total and carried into bid total.
- (6) Amount entered on Proposal was \$3,598,165.40. Summing the calculated schedule totals is \$3,590,407.40 and reflects the error made in #4. Error did not affect low bidder status but lowered the final bid amount by \$7,758.00

Certified by  Date November 15, 2021  
 Cyndy Knighton, Senior Program Manager

# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

**PROJECT:** **West Valley Hwy (I-405 - Strander Blvd)** Project No. 99310410

**DESCRIPTION:** Design and construct completion of seven lane sections of West Valley Hwy with curbs, gutters, storm drainage, lighting and traffic control, and a pedestrian activated signal near the Tukwila Urban Center Pedestrian Bridge. Shared use path on west side of West Valley Highway from the pedestrian bridge to Longacres Wy S.

**JUSTIFICATION:** Safety and capacity items need completion. Portions have been completed by development.

**STATUS:** Combined with W Valley Hwy/S 156th Intersection in 2017. Continuing to work with development. Grant funding obtained for design and construction of West Valley Highway section.

**MAINT. IMPACT:** Reduced maintenance.

**COMMENT:** Project is on Traffic Impact Fee List. Grants from Federal CMAQ awarded for \$628k that includes \$112k for design of sidewalk/bike path on Longacres Way (S 158th St), State Transportation Improvement Board grant of \$2.4m for 2018/2020, and Sound Transit SAF grant for \$2.06m for construction along Longacres Way.

FINANCIAL (in \$000's)	Through Estimated									
	2019	2020	2021	2022	2023	2024	2025	2026	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	130	455	216							801
Land (R/W)	9									9
Const. Mgmt.			465							465
Construction			4,355							4,355
<b>TOTAL EXPENSES</b>	<b>139</b>	<b>455</b>	<b>5,036</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,630</b>
<b>FUND SOURCES</b>										
Awarded TIB Grant	40	240	2,154							2,434
Awarded CMAQ Grant	89	96								185
Awarded SAF Grant			2,060							2,060
Mitigation										0
Traffic Impact Fees	577	(59)	89							607
City Oper. Revenue	(567)	178	733	0	0	0	0	0	0	344
<b>TOTAL SOURCES</b>	<b>139</b>	<b>455</b>	<b>5,036</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,630</b>

