# INFORMATIONAL MEMORANDUM 

## TO: Transportation and Infrastructure Services Committee <br> FROM: Hari Ponnekanti, Public Works Director/City Engineer <br> BY: <br> Cyndy Knighton, Senior Program Manager <br> CC: Mayor Ekberg <br> DATE: November 19, 2021 <br> SUBJECT: West Valley Highway/Longacres Way Project Bid Award Project No. 99310410 <br> 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 $156^{\text {th }}$ Street and will construct missing sidewalk sections on the east side. A widened shareduse 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.

|  | Cost Estimate | Construction Budget <br> $\$ 4,355,000.00$ |
| :--- | :--- | :---: |
| RCNW Bid | $\$ 3,590,407.40$ |  |
| Contingency ( $\sim 15 \%)$ | $\underline{539,000.00}$ |  |
| Construction Total | $\overline{\$ 4,129,407.40}$ |  |

## 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.

| Certified Bid Tab |  |  |  |  |  | Low Bid |  |  | 2 |  | 3 |  | 4 |  |  | 5 |  | 6 |  | 7 |  | 8 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Engineers Estimate |  | Road Constuction Northwest, Inc. |  |  | Razz Construction, Inc. |  | Active Constructio, , inc |  | Pivetata Broteres Construction Inc. |  |  | Westwater Construction Company |  | Gary Merino Construction Company |  | Rodate Construction, Inc. |  | Tucci \& Sons, Inc |  |
| Bid liem No. | . Bid liem Descripition | Quantit | Unit | Unit Price | Amount | Unit Price | Amount | (x) | Unit Price | Amount | Unit Price | Amount | Unit Price | ount | (x) | Unit fice | Amount | Unit Price | Amount | Unit Price | Amount | Unit Price | amo |
| Schedule A- West valley Highway |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ROADWAY |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | MMosilzation | 1 | L.S. | 5234,000.00 | S234,00.00 | \$210,000.00 | S210,000.00 |  | \$293,000.00 | 00.00 | S146 | S146,129.89 | \$24,000.00 | 000.00 |  | 5280,000.00 | S280,000.00 | 9370,000.00 | 00.00 | 5387,00.00 | 7,00.00 | S362,000.00 | S362,000.00 |
| 2 | RESOLUTOON OF UTLITY CONLLCTS | 1 | EST. | \$25,000.00 | \$25,00.00 | S25,000.00 | \$25,000.00 |  | \$25,000.00 | \$25,000.00 | S25,00.00 | \$25,00.00 | \$25,000.00 | S22,000.00 |  | S25,000.00 | \$25.00.00 | \$25,000.00 | \$25,00.00 | \$25,000.00 | S25,000.00 | S25,000.00 | S25,000.00 |
| 3 | UnEXPECTEDS STEE CHANGES | 1 | EST. | \$40,000.00 | \$40,00,00 | S40,000.00 | S44,000.00 |  | S44,000.00 | \$40,000.00 | \$40,00,00 | \$44,00,00 | \$40,000.00 | S40,000.00 |  | \$40,000.00 | \$44,00.00 | \$40,000.00 | \$40,000.00 | \$40,000.00 | S40,000.00 | \$40,000.00 | \$40,000.00 |
| 4 | TEMPORARY EROSION \& SEDIMENT CONTROL AND WATER POLLUTION PREVENTION (nduluding SWPPP | 1 | L.S. | 58,00.00 | 88,000.00 | 57,000.00 | 57,000.00 |  | \$40,000.00 | 540,000.00 | S60,000.00 | \$60,000.00 | \$12,850.00 | \$1,850,00 |  | \$2,500.00 | \$2,500.00 | 535,000.00 | \$35,000.00 | \$25,00,0 | S25,000.00 | \$12,000.00 | \$12,000.00 |
| 5 | SPCCC PLAN | 1 | L.S. | 53,00.00 | \$3,000.00 | 5997.00 | 5995.00 |  | \$10,000.00 | \$10,000.00 | \$100.00 | \$100.00 | S500.00 | \$500.00 |  | \$2,500.00 | \$2,500.00 | \$1,000.00 | \$1,000.00 | \$220.00 | S250.00 | \$300.00 | \$300.00 |
| 6 | TTPE B PROGRESS SCHEDULE | 1 | L.S. | s8,000.00 | 88,000.00 | S5,000.00 | S5.000.00 |  | \$5,000.00 | S5,000.00 | S5.000.00 | S5,000.00 | \$5,000.00 | 85,000.00 |  | S5,000.00 | S5,000.00 | S5,000.00 | S5,000.00 | S5,00,00 | S5.000.00 | s5,00.00 | s5,00,00 |
| 7 | REMMURSEMENT FOR THRD PARTY DAMAGE | 1 | EsT. | \$4,00.00 | S4,000.00 | S4,000.00 | S4,000.00 |  | S4,000.00 | S4,000.00 | S4,000.00 | \$4,000.00 | \$4,00.00 | S4,000.00 |  | \$4,00.00 | S4,000.00 | S4,000.00 | S4,000.00 | \$4,00,00 | S4,000.00 | \$4,00.00 | \$4,00.00 |
| 8 | ROADWAY SUVVEYING | 1 | L.S. | \$75,000.00 | S75,00.00 | \$11,200.00 | \$11,200.00 |  | S28,000.00 | \$28,000.00 | S30,00.00 | \$30,00.00 | 937,800.00 | 537,800.00 |  | \$25,000.00 | \$25,00.00 | \$30,000.00 | \$30,00.00 | \$28,500.00 | 528,500.00 | 533,000.00 | 933,000.00 |
| 9 | Clearing and grubing | 1 | L.S. | \$2,000.00 | S22,00,00 | \$12,255.00 | \$12,250.00 |  | \$10,000.00 | \$10,000.00 | S25,00.00 | \$25,00.00 | \$35,000.00 | 535,000.00 |  | \$15,000.00 | \$15,00.00 | \$25,000.00 | \$25,00.00 | \$15,000.00 | S15,000.00 | \$4,80,00 | \$4,80,00 |
| 10 | REMVVAL OF STRUCTURES AND OBSTRUCTION | 1 | L.S. | s9,70.00 | 99,70.00 | \$15,30.00 | \$15,300.00 |  | \$3,500.00 | S3,500.00 | S35,00,00 | \$35,00.00 | S6,30,00 | S6,300.00 |  | \$25,000.00 | \$25,00.00 | \$15,000.00 | \$15,00.00 | \$18,000.00 | S18,000.00 | 528,000.00 | 528,000.00 |
| 11 | Potholing | 6 | EACH | 93,00,00 | \$18,000.00 | S660.00 | S3,900.00 |  | \$455,00 | S2,700.00 | S600.00 | \$3,600.00 | S725.00 | ¢4,350.00 |  | \$1,00,00 | S6,000.00 | \$1,500.00 | 59,000.00 | \$880,00 | S4,800.00 | \$1,000.00 | S6,00,00 |
| 12 | REMOVNG CEMENT CONC. SIDENALK | 600 | s.Y. | \$75.00 | S45,00.00 | 59.00 | S5,400.00 |  | S25.00 | \$15,000.00 | \$15.50 | 99,300.00 | \$11.85 | \$7,110.00 |  | S60.00 | \$536.00.00 | \$30.00 | \$18,00.00 | \$15.00 | 59,000.00 | \$75.00 | \$45,000.00 |
| 13 | REMOVING CEEENT CONC. CURB ANO GUTTER | 2050 | L.F. | \$18.00 | S36,900.00 | 59.50 | \$19,475.00 |  | 56.00 | \$12,300.00 | 59.00 | S18,450.00 | \$7.00 | \$14,355.00 |  | \$15.00 | \$30,750.00 | S7.00 | S41,350.00 | \$10.00 | S20,500.00 | 97.00 | S14,350.00 |
| 14 | REMOVING ASPHALT CONC. PAVEMENT | 1120 | s.Y. | \$30.00 | S33,600.00 | \$12.00 | \$13,440.00 |  | 556.00 | S62,720.00 | 533.25 | S37,24.00 | \$17.80 | \$19,933.00 |  | \$60.00 | S67,20.00 | \$20.00 | S22,40.00 | \$18.00 | 520,160.00 | 538.00 | \$42,560.00 |
| 15 | REMOVING PLASTIC LINE | 9740 | L.F. | S240 | \$23,376.00 | S2.25 | \$21,915.00 |  | \$2.25 | S21,915.00 | \$1.50 | S14,610.00 | \$1.35 | S13,49,00 |  | \$2.00 | S19,480.00 | \$1.30 | S12,62.00 | \$1.50 | S14,610.00 | \$1.50 | S14,610.00 |
| ${ }^{16}$ | REMOVVING PASTTC T TAAFFIC MARKNG | ${ }^{20}$ | EACH | S120.00 | S22400.00 | 591.00 | S1,820.00 |  | 590.00 | S1,800.00 | S120.00 | S2400000 | S108.00 | S2, 166000 |  | S125.00 | S22500.00 | S110.00 | S2200000 | S125.00 | S22.500.00 | S115.00 | S2230.00 |
| 17 | REMOVVING PLASTIC CROSSWWALK LINE | 544 | $\stackrel{\text { S.F. }}{ }$ | S12.00 | ${ }^{56,528.00}$ | S6,00 | ${ }_{\text {S3, } 264000}$ |  | 56.00 | S3,26400 | 55.00 | S22720.00 | S4,50 | S22488.00 |  | 55.00 | S27,20.00 | 54.50 | ${ }^{524488.00}$ | 55.00 | S2,720.00 | S500 | S2.720.00 |
| 18 | REMOVVIG SAAF OBSTRUCTIONS | 1 | EST. | \$10,000.00 | \$10,00,00 | S10,000.00 | S10,000.00 |  | S10,000.00 | \$10,000.00 | S10,000.00 | \$10,00.00 | \$10,000.00 | S10,000.00 |  | S10,000.00 | \$10,000.00 | \$10,000.00 | \$10,00.00 | \$10,000.00 | S10,000.00 | \$10,000.00 | S10,000.00 |
| 19 | RECORD DRAWINS | 1 | L.S. | \$15,000.00 | \$15,000.00 | \$1,500.00 | \$1,500.00 |  | \$1,500.00 | \$1,500.00 | \$100.00 | \$100.00 | S500.00 | S500.00 |  | \$2,50,00 | S2,500.00 | \$10,000.00 | \$10,00,00 | \$2,50,00 | \$2,500.00 | S500.00 | S500.00 |
| 20 | CONTRACTORS SAIIY DIARY | 1 | L.S. | \$18,000.00 | \$18,000.00 | S1,000.00 | S1,000.00 |  | \$1,500.00 | S1,500.00 | \$100.00 | \$100.00 | S500.00 | S500.00 |  | \$2,500.00 | S2,500.00 | S3,000.00 | 53,000.00 | \$1,000.00 | S1,000.00 | \$330.00 | S300.00 |
| ${ }^{21}$ | R ROADWA E EXCAVATION NCLL. HAUL | ${ }^{730}$ | c.Y. | 872.00 | S52,560.00 | S57.00 | 541,610.00 |  | S65.00 | S477,550.00 | 56.50 | S48,545,00 | S55.00 | S40,155,00 |  | S100.00 | 873,000.00 | \$56.00 | S40,880.00 | S60.00 | S43,800,00 | \$70.00 | S51,100.00 |
| ${ }^{22}$ | EMBANKMENT COMPACTION | 80 200 20 | $\frac{\text { c.Y. }}{\text { ToN }}$ | 59.60 59000 S90, | S778.00 S21,12000 | S15.00 <br> 55.50 <br> 8. | S1,200.00 S11,70.00 |  | S10.00 S13500 | S800.00 S29,0000 | ¢88.00 | S7,04000 | S63.25 <br> S10.50 | S5,060.00 S2400000 |  | S150.00 | \$12,000.00 | ¢65000 | S5,200.00 | ¢ $\begin{gathered}\text { s15.00 } \\ \text { S50.00 }\end{gathered}$ | ST,200.00 S1100000 |  | S1, 60.000 <br> $\$ 200000$ |
| $\begin{array}{r}23 \\ \hline 24 \\ \hline\end{array}$ | CRUSHED SUPFACACMG Top course | ${ }_{2290}^{290}$ | ${ }_{\text {ToN, }}^{\text {s. }}$ | ${ }_{598.00}^{58.50}$ | S21,20.00 <br> $\$ 25,41500$ |  |  |  | $\frac{\text { S135.00 }}{\text { S10.00 }}$ | S29,700.00 |  |  | $\underset{\substack{\text { S109.50 } \\ 56.50}}{\text { ceis }}$ | S24,90.00 |  | S150.00 <br> S0.00 | S33,00000 | s80.00 <br> 8000 |  | S50.00 <br> 8800 | S11,000.00 <br> S23,92000 | $\stackrel{\text { S95.00 }}{58.00}$ | $\frac{520,90000}{}$ <br> $\substack{52,92000}$ |
| ${ }_{25}^{24}$ | HMMA CL. 112 IN. P/ PG 58P-22 | ${ }_{380}$ | ${ }_{\text {ToN }}$ | ${ }_{5240.00}$ |  | S117, 00 | S66,7,26000 |  | ${ }^{5230.00}$ | ${ }_{\text {S87,400,00 }}$ | S19285 | S77,283,00 | ${ }_{\text {S13770 }}$ | ${ }_{\text {S52,320,00 }}$ |  | ${ }_{520000}$ | ${ }_{\text {S76,000.00 }}$ | \$175.00 | S66,500.00 | ${ }_{\text {2215,00 }}$ | ${ }_{\text {S88,700.00 }}$ | \$120.00 | S45,500.00 <br> 80 |
| 26 | HMA FOR APPROACH CL. 1112 IN. P9. 58 H -22 | ${ }_{90}$ | Ton | S336.00 | S30,240,00 | S238.00 | S22,240,00 |  | S330.00 |  |  | S22,950.00 | ${ }_{2232,55}$ | S20,292,50 |  | S225,00 | S22.50,00 | S240,00 | S21,100,00 | S330.00 | S27,00,00 | S221,00 | S18,000.00 |
| 27 | RELOCATEADUST EXXSTING UTLITY | 1 | L.S. | S6,000.00 | S6,000.00 | ${ }_{\text {S5,800.00 }}$ | ${ }^{555800.00}$ |  | S55,150.00 | ${ }^{\text {S5, } 50.00}$ | S15.000.00 | \$15.500.00 | ${ }^{\text {S41,000.00 }}$ | S41,000.00 |  | S10,000.00 | S10.000.00 | S22000.00 | S2200000 | S7,500.00 | ${ }^{57,500.00}$ | S16,000.00 | S16,00000 |
| 28 <br> 28 | INLET PROTECTITON | $\stackrel{57}{22}$ | ${ }_{\text {EACH }}^{\text {EaCH }}$ | $\frac{5212.00}{}$ | S11,970.00 | $\frac{593.00}{557000}$ | ${ }_{\text {che }}^{55.301 .00}$ |  | Sters.00 | $\frac{S 18.52500}{\text { S145200 }}$ | S115500 <br> 5300 |  | St70.00 |  |  | Sti0.00 | S5700000 | S | S5.70000 | S75000 | 54,275000 <br> 412500 | S 810000 | S5,70000 <br> 17000 |
| 29 | ADJUST TaLlve Box | 22 | EACH |  | S14,522.00 | S550.00 | S12,540,00 |  | S660.00 | S14,520.00 | S530.00 | S11,660.00 | S550.00 | S12,100.00 |  | S500.00 | \$11,000.00 | S500.00 | \$11,000.00 | S600.00 | S13,200.00 | ${ }^{5800.00}$ | S17,600.00 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30 | STTVUCTURE EXCAVATOTON CLASS A INCL. HAUL | 52 | c.Y. | 578.00 | \$4,056.00 | 563.00 | 53,276.00 |  | 5335.00 | \$17,420.00 | \$130.00 | S6,780.00 | \$73.75 | ¢8,835.00 |  | \$100.00 | S5,200.00 | \$120.00 | S6,240.00 | S100.00 | 55,200.00 | S100.00 | 55,20.00 |
| 31 | GRAVEL ACCFFLLL For Wall | 16 | c.Y. | S60.00 | S990.00 | S90.00 | S1,440.00 |  | S225.00 | \$3,000.00 | \$320.00 | S5,120.00 | \$110.00 | \$1,760.00 |  | S80.00 | S1,280.00 | S220.00 | \$3,200.00 | \$150.00 | S2,400.00 | \$45.00 | \$720.00 |
| 32 | SHAFT- 36 IN . DIAMETER | 86 | L.F. | 5740.00 | S66,644.00 | ${ }^{5554.00}$ | S46,784,00 |  | S500.00 | ¢43,000.00 | 9550.00 | \$49,888,00 | S1,045.00 | s89,877.00 |  | \$1,300.00 | \$111,80,00 | S880.00 | 573,900.00 | S880.00 | S73,100,00 | \$1,150.00 | 598,900.00 |
| 33 | ST. REENF. BAR FOR BRIDGE | 780 | LB. | \$1.70 | \$1,326.00 | 53.15 | S2,457.00 |  | 54.00 | S3,120.00 | 83.15 | S22.47.00 | \$10.80 | S8,424.00 |  | \$25.00 | \$19,500.00 | S4,50 | S3,510.00 | 54.00 | S3,120.00 | \$12.00 | S9,360.00 |
| 34 | QA Shaft TEST | 2 | EACH | \$7,50.00 | \$15,00.00 | \$1,325.00 | S2,650.00 |  | \$1,200.00 | S2,400.00 | S1,275.00 | S2,550.00 | 55,38.00 | \$10,766.00 |  | \$1,000.00 | S2,000.00 | \$1,500.00 | \$3,000.00 | \$2,20.00 | S4,400.00 | 95,70.00 | \$11,400.00 |
| ${ }^{35}$ | CONC. CLASS 4000 FOR BRILGE | 6 | c.Y. | \$1,200.00 | S7,200.00 | \$1,400.00 | S8,400.00 |  | S1,800.00 | S10,800.00 | S1,400.00 | S8,400.00 | \$4,500.00 | S27,000.00 |  | S5,00.00 | S30,000.00 | \$2,600.00 | \$15,600.00 | \$1,400.00 | S8,400.00 | S4,800.00 | S22,800.00 |
| ${ }^{36}$ | SUPERSTRUCTURE-WEST VALLEY HIGHWAY PEDESTRAN BRIDGE | 1 | L.S. | \$119,780.00 | \$19,780.00 | \$408,000.00 | S408,000.00 |  | \$350,000.00 | \$350,000.00 | \$375,000.00 | \$375,000.00 | 5338,710.00 | \$388,710.00 |  | 8250,000.00 | S255,00,00 | \$225,000.00 | S225,000.00 | 5315,000.00 | \$315,000.00 | \$365,000.00 | \$365,000.00 |
|  |  |  |  | Subtotal | S21, 962.00 | Subtoal | 5473,007.00 |  | Subtoal | S430,340.00 | Subtotal | S455,167.00 | Subtotal | 5490,365.00 |  | Subtotal | S419,780.00 | Subtotal | \$377,510.00 | Subtotal | S441,620.00 | Subitalal | S519,380,00 |
| SIDEWALK |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | CEEMENT CNNC. SIEENALK | ${ }_{1410}^{1900}$ | $\frac{\text { S.Y. }}{\text { L. }}$ | S144.00 S54.00 | (s203,40.00 | S76.00 <br> 33.50 | Stiot,60.00 |  | S63.00 <br> 530.00 | ¢88,830.00 | S64.00 | S90,20.00 | ${ }_{\substack{\text { S72.00 } \\ \hline 322.5}}$ | $\frac{S 101.520 .00}{\text { S66,53.00 }}$ |  | ¢ ${ }_{\text {S757.00 }}^{54000}$ | S105,750.00 | S $\begin{aligned} & \text { S100.00 } \\ & \text { S4500 }\end{aligned}$ | S44,1,00000 <br> 887,0000 | S $\begin{aligned} & \text { S70.00 } \\ & 845.00\end{aligned}$ | 598770.00 <br> 88,30000 | S55.00 <br> 84.00 | S77,550.00 <br> 577.0000 |
| 38 <br> 39 |  | ${ }_{\text {l }}^{1940}{ }_{193}$ | LF. | S54,00 <br> s0.00 | ${ }_{\text {S }}^{\text {S104,760.00 }}$ | 533.50 <br> 88.00 | S64,990.00 |  | S30,00 <br> 57700 |  |  |  |  |  |  | S40.00 <br> 56500 | S7, | S45000 <br> 85.00 | S87, ${ }^{\text {S200.00 }}$ | S45000 <br> 80.00 |  | S40.00 <br> 84.00 |  |
| 40 | CEMENT CONCC. PEDESTRAN CURB | ${ }_{56}$ | LF. | S54,00 | 93, ${ }^{\text {S24,00 }}$ | S22.50 | S1,484.00 |  | S2200 | S1,466.00 | ${ }_{548.00}$ | S22688.00 | ${ }_{555.86}$ | ${ }_{\text {s } 3,128.16}$ |  | S75.00 | S4,200.00 | S50.00 | S2.800.00 | 5330.00 | S1,680.00 | S29.00 | S1,624.00 |
| 41 | CEMENT CONC. CURB RAMP TYP PERPENOICULARA | 1 | EACH | S4,20.00 | S4,200.00 | S2,455.00 | S2,455.00 |  | S1,880.00 | S1,880.00 | ${ }_{\text {S3, } 560.00}$ | S3,650.00 | S2,23.00 | S2,237.00 |  | S5.00.00 | S5,000.00 | S3,500.00 | S3,500.00 | 53,00.00 | S3,000.00 | ¢3,80,00 | 53,80.00 |
| 42 | CEEMENT CONC. CURB RAMP TYP PeRPENOICULAR B | 1 | EACH |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{43}$ | NEWDETECTABLE WARNNG P PATERN | 1 | EACH | S4880.00 <br> S400 | S480.00 <br> S9500 | S611.00 <br> S | 5611.00 <br> 5651200 |  | ${ }_{\text {S }}^{5600.00}$ | 5600.00 <br> $\$ 50050$ | ${ }_{\text {S }}^{\text {S1, } 1,00000}$ |  | ${ }_{\text {Sl }}^{\text {S1,060.00 }}$ | $\frac{\text { S1, } 66000}{}$ |  | ${ }_{\text {Sl }}^{\text {S1,50.00 }}$ | S1,500.00 | S22000.00 | ${ }_{\text {S20, }}^{\text {S200.00 }}$ | $\xrightarrow{\text { S1,500.00 }}$ | ${ }_{\text {Sta }}^{\text {St,50.00 }}$ | S1,50.00 | S1,50.00 |
| 44 | CEMENT CONC. DRVEWAY ENTRANCE COMMERCCIAL | 531 | s.Y. | S180.00 | S995,580.00 | S108.00 | S57,388.00 |  | S95.00 | S50.445.00 | S96.50 | \$551.241.50 | S10225 | S54,347.85 |  | 885.00 | \$44,135.00 | S150.00 | \$79,650.00 | S100.00 | S53,100.00 | 578.00 | S41.418.00 |
| TRAFFIC CONTROL DEVCES |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }^{45}$ | PLASTIC LIME | ${ }^{12533}$ | L.F. | 54.80 | S60,158.40 | S2.00 | S25,066.00 |  | S1.95 | \$24,439.35 | S1.65 | \$20,679.45 | S1.45 | \$18, ,72.85 |  | S2.00 | \$25,66,00 | S1.40 | \$17,564,20 | \$1.50 | S18,799,50 | \$1.50 | S18,799.50 |
| 46 | PLASTIC WIDE LANE LINE | 519 | L.F. | S6.00 | s3,114.00 | S240 | S1,245.60 |  | S2.50 | S1,297.50 | 53.65 | \$1,894,35 | 53.25 | \$1,686.75 |  | 54.00 | S2.076.00 | 93.20 | S1,660.80 | 83.50 | \$1,816,50 | 53.50 | \$1,816.50 |
| 47 | PLASTC WIOE DOTTED ENTRY LINE | 221 | L.F. | 57.80 | S1,723.80 | 53.50 | S773.50 |  | 53.50 | 5773.50 | S2.45 | ${ }_{5} 551.45$ | S2.15 | ${ }_{5475.15}$ |  | 53.00 | S663.00 | 52.20 | 5486.20 | \$2.50 | S552.50 | S230 | S508.30 |
| 48 | PLASTIC CROSSWALK LINE | 760 | S.F. | S14,40 | \$10,44,00 | 58.25 | S6,770.00 |  | S8.00 | S6,080.00 | S7.00 | S5,320.00 | 56.20 | S4,712.00 |  | S7.00 | S5,320.00 | S6.00 | \$4,560.00 | S7.25 | 85,510.00 | S6.75 | s5,130.00 |
| 49 | PLASTIC STOP LINE | 91 | L.F. | \$30.00 | S2,730.00 | \$10.60 | S9964.60 |  | \$11.00 | \$1,001.00 | \$12.00 | S1,020.00 | \$11.00 | \$1,001.00 |  | \$12.00 | S1,092.00 | \$11.00 | S1,001.00 | \$12.50 | S1,137.50 | \$11.50 | \$1,06.50 |
| 50 | PLASTIC CROSSHATCH MARKING | 120 | L. | 59.60 | \$1,152.00 | 54.75 | S570.00 |  | 55.00 | S600.00 | 59.00 | \$1,080.00 | 58.10 | 5992.00 |  | 59.00 | S1,080.00 | 58.00 | S960.00 | 99.50 | S1,140.00 | 98.75 | \$1,05,00 |
| 51 | PLASTC T TRAFIIC ARROW | 18 | EACH | 5480,00 | S8,640.00 | \$170.00 | S3,000.00 |  | \$170.00 | S3,000.00 | \$150.00 | S2,700.00 | \$135.00 | \$2,430.00 |  | \$150.00 | S2,700.00 | S140.00 | \$2,520.00 | \$150.00 | S2,700.00 | \$150.00 | S2,70.00 |
| 52 | PLASTIC DRANAGE MARKING | 59 | EACH | \$120.00 | S7,080.00 | S100.50 | S6,283.50 |  | S105.00 | S6,195.00 | 555.00 | S3,245.00 | S50.00 | \$2,950.00 |  | S60.00 | S3,540.00 | S50.00 | \$2,950.00 | 55.00 | S3,245.00 | S50.00 | \$2,950.00 |
| 53 | PLASTC T TRAFFIC LeTter | 12 | EACH | S180.00 | S2, 160.00 | \$2.25 | S27.00 |  | S550.00 | S6,000.00 | \$120.00 | s1,440,00 | S108.00 | \$1,296.00 |  | \$125.00 | \$1,500.00 | S110.00 | \$1,320.00 | \$125.00 | \$1,500.00 | S115.00 | \$1,380.00 |
| 54 | TEMPORARY PAVEMENT MARKING-SHORT DUUATION | 15200 | L.F. | \$1.20 | S18,240,00 | 50.30 | S4,560.00 |  | S0.60 | S9,120.00 | \$1.20 | \$18,240.00 | 50.55 | s8,360.00 |  | 50.50 | S7,600.00 | 50.70 | \$10,40,00 | 50.40 | S6,080.00 | S0.50 | 57,00.00 |
| 55 | PerManer signic | 1 | L.S. | \$12.000.00 | \$12,000.00 | S16,350.00 | S16,350.00 |  | S35,000.00 | \$35,000.00 | \$15,00,00 | \$15,00.00 | \$13,600.00 | \$13,600.00 |  | \$15,000.00 | \$15,00.00 | \$15,000.00 | \$15,00.00 | 520,000.00 | S20,000.00 | \$14,500.00 | \$14,500.00 |
| 56 | TRAFFIC SIGNAL SYSTEM - WEST VALLEY HWY AND S | 1 | L.s. | \$27,000.00 | \$27,000.00 | s29,625.00 | S22,625.00 |  | \$195,000.00 | \$195,000.00 | 530,00000 | \$30,000.00 | 822,775.00 | \$27,775.00 |  | \$75,000.00 | \$75,000.00 | S26,000.00 | \$26,00.00 | 533,00.00 | 533,000.00 | 530,00 | \$30,000.00 |
| 57 | PoRTABLE CHANGEABLE MESSAGE SIGN | 32112 | HR | 53.00 | S90,336.00 | 50.10 | s3,211.20 |  | 53.00 | \$99,336.00 | S2.55 | S81,88.600 | 93.25 | \$104,364.00 |  | S1.00 | S32,112.00 | \$1.70 | S54,590.40 | S5.00 | \$160,560.00 | 93.00 | 596,336.00 |
| 58 | PROUECT TEMPORARY TAAFFIC CONTROL | 1 | L.S. | \$108,000,00 | \$108,000,00 | \$130,000.00 | \$130,000,00 |  | \$200,000.00 | \$220,000.00 | \$100,000,00 | \$100,000,00 | S105,000,00 | \$105,000.00 |  | \$300,000.00 | \$300,000,00 | ${ }^{\text {S240,000.00 }}$ | S240,00,00 | 5300,00,00 | \$30,0000,00 | S294,000.00 | S294,000.00 |
| 59 | PEDESTRAAN TRAFFIC Control | 1 | L.S. | \$18,000.00 | S18,000.00 | \$1,500.00 | S1,50,00 |  | 540,000.00 | \$40,000.00 | \$2,50,00 | S2,50,00 | \$15,000.00 | \$15,000.00 |  | \$15,000.00 | \$15,000.00 | \$10,000.00 | \$10,000.00 | 825,000.00 | S25,000.00 | 56,20,00 | 56,20,00 |
| 60 | CONTTACTOR PROVIDEE UNFFORMED POLICE OFFICERS | 40 | HOUR | S168.00 | S6,720.00 | S145.00 | S5,800.00 |  | S90.00 | S3,600.00 | \$155.00 | S6,200.00 | S105.00 | \$4,200.00 |  | \$150.00 | S6,000.00 | \$85.00 | S3,400.00 | \$100.00 | 54,000.00 | \$140.00 | S5,60,00 |
| 61 | TRAFFIC Control suprevisor | 1 | L.S. | \$12,000.00 | \$12,000.00 | \$12,000.00 | \$12,000.00 |  | 890,000.00 | \$990,000.00 | \$75,000.00 | \$75,000.00 | \$50,000.00 | S50,000.00 |  | \$15,000.00 | \$15,000.00 | 890,000.00 | s90,000.00 | S50,000.00 | S50,000.00 | S175,000.00 | \$175,000.00 |




| Certified Bid Tab |  |  |  |  |  | Low Bid |  |  | 2 |  | 3 |  | 4 |  |  | 5 |  | 6 |  | 7 |  | 8 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Engineer's Estimate |  | Road Construction Nortiwest, Inc. |  |  | Razz Construction, Inc. |  | Active Constructio, , inc |  | Piveta Brothers Constuction Inc. |  |  | Westwater Construction Company |  | Gary Merino Construction Company |  | Rodare Construction, Inc. |  | Tucci \& Sons, Inc |  |
| ditem No. | Bid lem Descripition | Quantit | Unit | Unit Price | Amount | Unit Price | Amount | (x) | Unit Price | Amount | Unit Price | Amount | Unit fice | Amou | (x) | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| 167 | PEDESTRRAN TRAFFIC CONTROL | 1 | L.S. | 8500.00 | 9500.00 | \$1,20.00 | \$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 | \$1,00.00 | S1,000.00 | S2,500.00 | \$2,500.00 | 53,10,00 | 53,100.00 |
| 168 | TTAAFIC Control supervisor | 1 | L.S. | S1,000.00 | S1.000.00 | S5,10.00 | S5,100.00 |  | S5.000.00 | S5,000.00 | S25.000.00 | S25,000.00 | \$17,230.45 | \$17,230,45 |  | \$2.500.00 | \$2,500.00 | \$20,000.00 | S20,000.00 | S3,000.00 | S3,000.00 | S13,000.00 | \$13.000.00 |
|  |  |  |  | Subloal | S29, 866.40 | Subbotal | 5882,373.00 |  | Subbotal | S92,108.61 | Subtotal | S378,68220 | Subloal | S389,283,65 |  | Sublotal | S303,280.00 | Subboal | S357,191,20 | Subutal | S391,636.00 | Subtotal | S360,372.00 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 169 | Wavernoling signs | 1 | ${ }^{\text {LS }}$ | \$1.600.00 | S1,600.00 | \$10,560.00 | S10,560.00 |  | S4,000.00 | \$4,000.00 | S5,000.00 | S5.000.00 | S25,775.00 | S25,475.00 |  | \$1,500.00 | \$1,500.00 | 99,000.00 | 99,000.00 | \$1,00.00 | S1,600.00 | \$2.50.00 | S2.500.00 |
| 170 | PSIPE-GAULTHERIASHALLON, 1 GAL. | 4 | EACH | \$25.20 | S100.80 | \$14.00 | \$56.00 |  | \$17.00 | S68.00 | \$44.00 | 556.00 | \$16.00 | S64,00 |  | \$20.00 | \$80.00 | \$15.00 | \$60.00 | S26.00 | \$104.00 | \$17.00 | 968.00 |
| 171 | PSIPE- MAHONA NERVOSA, 16 ALL . | 4 | EACH | \$18.00 | S72.00 | \$16.50 | S66.00 |  | \$23.00 | S9200 | \$17.00 | 588.00 | \$20.00 | \$80,00 |  | \$25.00 | S100.00 | \$19.00 | \$76.00 | 528.00 | \$104.00 | S23.00 | 592.00 |
| 172 | PSIPE-KALMA LATITFOLAA ELF, 2 GAL. | 6 | EACH | \$78.00 | 5446.00 | 526.25 | \$157.50 |  | \$45.00 | S220.00 | \$26.00 | \$156.00 | S37.00 | 5222.00 |  | \$45.00 | S270.00 | 535.00 | S210.00 | 526.00 | \$156.00 | \$45.00 | S227.00 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 173 | \|ILUMINATONSYSTEM-SR 181 | 1 | LS | S14,400.00 | S14400000 | \$42,930.00 | S42939000 |  | S93,5817.79 | S93,581.79 | S40,000.00 | $\stackrel{\text { S44,000.00 }}{\text { S40, }}$ | S41,000.00 | $\stackrel{\text { S44,100000 }}{\text { S40000 }}$ |  | S40,000.00 | S40,000.00 | S50,000.00 | $\xrightarrow{550,000000}$ | S45,000.00 | $\xrightarrow{\text { S45,000.00 }}$ | S44,000.00 | $\stackrel{544,00000}{ }$ |
|  |  |  |  | Subtoal | \$14,400.00 | Subtotal | \$42,930.00 |  | Subtoal | 593,588,79 | Subtoal | \$44,000.00 | Subtotal | S41,000.00 |  | Subioal | S40,000.00 | Subtotal | \$50,000.00 | Subtoal | \$45,000.00 | Subtotal | 544,000.00 |
|  |  |  |  | nedule C Subtoral | S491, 523.07 | $\times$ | S529,726.70 | 5 | $\checkmark$ | \$347, 845,54 |  | S601, 372.53 |  | S60, 5995.33 | 2 |  | \$431,523.20 |  | S541,332.52 |  | S584,074,76 | $\checkmark$ | S562,501.76 |
| TOTAL CONSTRUCTION BID |  |  |  | \$3,636,694.57 |  | $\begin{gathered} \$ 3,590,407.40 \\ \times \\ \hline \end{gathered}$ |  |  | $\underset{\substack{\text { \$3,696,619.74 } \\ \hline}}{ }$ |  | $\$ 3,795,795.00$ |  | $\begin{gathered} \$ 3,846,504.42 \\ \times \\ \hline \end{gathered}$ |  |  | $\underset{\substack{\text { \$3,89,772.20 } \\ r}}{ }$ |  | $\underset{V}{\$ 4,022,335.22}$ |  | $\underset{\substack{s, 254,361.51 \\ \checkmark}}{ }$ |  | $\begin{gathered} \$ 4,279,101.56 \\ \hline \end{gathered}$ |  |

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
(3) Amount entered on Proposal was $\$ 3,846,604$.12. Summing the calculated three schedulise reflects the transposition errors thr 1 and 2
(4) Amount entered on Proposal was $\$ 13,44.50$. Calculating the unit price times the units calculates to $\$ 12,696.50$. Error carred through to bid amount.
(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 $\$ 7,758.00$
.ans.aynoly Unigttor Date November 15, 2021

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

Design and construct completion of seven lane sections of West Valley Hwy with curbs, gutters, storm
DESCRIPTION: 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.
Project is on Traffic Impact Fee List. Grants from Federal CMAQ awarded for \$628k that includes $\$ 112 \mathrm{k}$ for COMMENT: design of sidewalk/bike path on Longacres Way (S 158th St), State Transportation Improvement Board grant of $\$ 2.4 \mathrm{~m}$ for 2018/2020, and Sound Trasit SAF grant for $\$ 2.06 \mathrm{~m}$ for construction along Longacres Way.

| FINANCIAL (in \$000's) | Through 2019 | $\begin{aligned} & \text { stimated } \\ & 2020 \end{aligned}$ | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | BEYOND | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EXPENSES |  |  |  |  |  |  |  |  |  |  |
| Design | 130 | 455 | 216 |  |  |  |  |  |  | 801 |
| Land (R/W) | 9 |  |  |  |  |  |  |  |  | 9 |
| Const. Mgmt. |  |  | 465 |  |  |  |  |  |  | 465 |
| Construction |  |  | 4,355 |  |  |  |  |  |  | 4,355 |
| TOTAL EXPENSES | 139 | 455 | 5,036 | 0 | 0 | 0 | 0 | 0 | 0 | 5,630 |
| FUND SOURCES |  |  |  |  |  |  |  |  |  |  |
| Awarded TIB Grant | 40 | 240 | 2,154 |  |  |  |  |  |  | 2,434 |
| Awarded CMAQ Grar | 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 |
| TOTAL SOURCES | 139 | 455 | 5,036 | 0 | 0 | 0 | 0 | 0 | 0 | 5,630 |



