

# South Tahoe

Public Utility District

## Memorandum

Date: December 20, 2023

To: Board of Directors  
Paul Hughes, General Manager

From: Brent Goligoski, Associate Engineer

Subject: Recommendation for Bid Award  
Herbert Walkup Pipeline Replacement Project

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Bids were opened on Friday, December 15, 2023, at 2 o'clock p.m. Five bids were received. The total bid amounts ranged from \$5,565,630 to \$6,939,050. The total Engineer's Estimate for this project is \$5,815,150.

As indicated in the attached memorandum and summary by the Contracts Specialist, Staff has found irregularities in the three apparent low bids received. There is an important distinction, however, between irregularities that are immaterial and ones that are material. Immaterial irregularities may be waived by the Governing Board, in its discretion. Irregularities which give the bidder an unfair competitive advantage, contain errors that would permit the bidder to withdraw its bid, or put the District's funding at risk are considered material and may not be waived.

The apparent low bid received from Vinciguerra Construction, Inc. (VCI) for the Herbert Walkup Pipeline Replacement Project (Project) contains only minor irregularities.

Another requirement of funding is that the bidders perform a Good-Faith Effort to seek participation by Disadvantaged Business Enterprises (DBE). Staff performed a review of the low bidder's DBE documentation and found no significant irregularities.

This bid includes six additive alternate bid items. The City of South Lake Tahoe requires full travel lane paving where the trench length is greater than 250 feet or has 4 or more trench cuts within one City block. Also, as the Drinking Water State Revolving Fund (DWSRF) funding contract is pending, the American Iron and Steel (AIS) and Build America, Buy America (BABA) requirements were separated out as additive alternates. Staff recommends that all alternates be awarded.

Staff recommends that the Board: 1) Find minor irregularities in the bid from Vinciguerra Construction, Inc. to be immaterial and waive immaterial irregularities; and 2) Award Project to the lowest responsive, responsible bidder, Vinciguerra Construction, Inc. in the amount of \$5,565,630.00, including all alternate bid items.

# South Tahoe

## Public Utility District

1275 Meadow Crest Drive  
South Lake Tahoe, CA 96150

Telephone: (530)544-6474 Fax: (530)541-4319

## Memorandum

Date: December 20, 2023  
To: Board Members, Paul Hughes  
From: Starlet Glaze, Contracts Specialist  
Subject: 2024 Herbert Walkup Pipeline Project

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At 2:00 o'clock on the afternoon of December 15, 2023, we received Five (5) electronic bids via PlanetBids for the above-referenced project. Bids ranged from \$5,565,630.00 to \$6,939,050.00.

A careful review and analysis of the three (3) lowest bids received showed only minor deviations. See attached spreadsheet and list of deviations for a full breakdown of each bid.

Vinciguerra Construction, Inc. is the apparent low bidder. Vinciguerra Construction, Inc. only had two minor deviations.

I contacted the Contractor's License Board and was given the following information:

License Number 358838 is current and active and expires 02/28/2025.

The company is a corporation.

Vinciguerra Construction, Inc. holds a Class A – General Engineering license, a Class B – General Building license, and a HAZ - Supplemental Certification in Hazardous Substances Removal.

I also contacted the California Department of Industrial Relations Contractor Registration site and verified that Vinciguerra Construction, Inc. is registered under PWCR Number 1000064348.

## 2024 Herbert Walkup Pipeline Replacement Project

Advertisement Date: November 3, 2023

Bid Opening Date: December 15, 2023

| Item  | Description  | Unit | Quantity        | Vinciguerra Construction, Inc. | Flowline Contractors  | F.W. Carson Co.       | Crux Construction     | Farr Construction Corporation dba Resource Development Company | Engineer's Estimate   |
|---|--|------|-----------------|--------------------------------|-----------------------|-----------------------|-----------------------|--|-----------------------|
| <b>Bid Schedule A: Herbert Walkup Waterline Replacement</b> |  |      |                 |                                |                       |                       |                       |  |                       |
| 1   | Waterline Mobilization and Demobilization                    | LS   | 1               | \$250,000.00                   | \$116,450.00          | \$397,800.00          | \$28,431.00           | \$390,000.00   | \$350,000.00          |
| 2   | Waterline Erosion Control                                    | LS   | 1               | \$30,000.00                    | \$79,558.00           | \$176,500.00          | \$26,455.00           | \$71,000.00  | \$30,000.00           |
| 3   | Waterline Groundwater Dewatering                             | LS   | 1               | \$25,000.00                    | \$18,923.00           | \$101,700.00          | \$56,550.00           | \$220,000.00   | \$20,000.00           |
| 4   | Waterline Traffic Control                                    | LS   | 1               | \$30,000.00                    | \$73,383.00           | \$166,600.00          | \$95,301.70           | \$42,000.00  | \$40,000.00           |
| 5   | Waterline Sheeting, Shoring and Bracing or Equivalent Method | LS   | 1               | \$20,000.00                    | \$21,618.00           | \$34,000.00           | \$49,010.00           | \$90,000.00  | \$20,000.00           |
| 6   | Waterline Surveying  | LS   | 1               | \$10,000.00                    | \$8,589.00            | \$18,800.00           | \$17,972.00           | \$37,500.00  | \$15,000.00           |
| 7   | Pre-Layout Potholing   | LS   | 1               | \$25,000.00                    | \$222,511.00          | \$24,200.00           | \$21,711.30           | \$100,000.00   | \$15,000.00           |
| 8   | As- Directed Pothole   | EA   | 10              | \$5,000.00                     | \$6,840.00            | \$6,100.00            | \$24,540.00           | \$18,000.00  | \$2,000.00            |
| 9   | 8-inch C900 DR18 Water Main                                  | LF   | 9183            | \$1,836,600.00                 | \$1,506,012.00        | \$1,827,417.00        | \$2,411,455.80        | \$2,479,410.00   | \$1,974,345.00        |
| 10  | 8-inch Restrained C900 DR14 Water Main                       | LF   | 196             | \$45,080.00                    | \$41,748.00           | \$58,212.00           | \$100,761.64          | \$51,940.00  | \$47,040.00           |
| 11  | 3/4-Inch Service   | EA   | 113             | \$565,000.00                   | \$596,979.00          | \$553,700.00          | \$851,393.98          | \$327,700.00   | \$395,500.00          |
| 12  | 1-Inch Service   | EA   | 15              | \$67,500.00                    | \$80,535.00           | \$76,500.00           | \$84,747.00           | \$54,000.00  | \$63,000.00           |
| 13  | 1 1/2-Inch Service   | EA   | 1               | \$5,000.00                     | \$6,790.00            | \$11,500.00           | \$10,949.90           | \$9,500.00   | \$4,400.00            |
| 14  | 2-Inch Service   | EA   | 1               | \$6,000.00                     | \$8,203.00            | \$12,200.00           | \$11,822.20           | \$10,200.00  | \$4,500.00            |
| 15  | 4-Inch Service   | EA   | 1               | \$10,000.00                    | \$15,634.00           | \$14,200.00           | \$12,823.20           | \$11,100.00  | \$9,000.00            |
| 16  | 3/4" Meter   | EA   | 2               | \$10,000.00                    | \$7,762.00            | \$6,200.00            | \$11,128.00           | \$10,600.00  | \$9,400.00            |
| 17  | 1" Meter   | EA   | 1               | \$7,000.00                     | \$4,716.00            | \$4,300.00            | \$8,031.40            | \$6,500.00   | \$5,000.00            |
| 18  | Add for Traffic-rated meter installation                     | EA   | 2               | \$2,000.00                     | \$1,738.00            | \$4,800.00            | \$13,059.80           | \$11,400.00  | \$1,000.00            |
| 19  | Fire Hydrant Installation                                    | EA   | 16              | \$240,000.00                   | \$263,312.00          | \$252,800.00          | \$306,384.00          | \$240,000.00   | \$272,000.00          |
| 20  | Tie-In #1 - Janet/Pioneer (Sheet P1)                         | LS   | 1               | \$5,000.00                     | \$16,235.00           | \$9,700.00            | \$7,201.28            | \$6,600.00   | \$18,000.00           |
| 21  | Tie-In #2 - Janet/Apple (Sheet P1)                           | LS   | 1               | \$10,000.00                    | \$16,696.00           | \$11,400.00           | \$9,331.40            | \$8,600.00   | \$18,000.00           |
| 22  | Tie-In #3 - Walkup/Pioneer (Sheet P2)                        | LS   | 1               | \$5,000.00                     | \$16,142.00           | \$9,300.00            | \$7,413.90            | \$6,500.00   | \$18,000.00           |
| 23  | Tie-In #4 - Woodland/Glenwood (Sheet P7)                     | LS   | 1               | \$10,000.00                    | \$19,331.00           | \$10,300.00           | \$8,465.60            | \$10,200.00  | \$18,000.00           |
| 24  | Tie-In #5 - Woodland/Dick Lake (Sheet P14)                   | LS   | 1               | \$10,000.00                    | \$17,657.00           | \$11,200.00           | \$9,417.20            | \$11,200.00  | \$18,000.00           |
| 25  | Tie-In #6 - Woodland/Gilmore Lake (Sheet P14)                | LS   | 1               | \$7,000.00                     | \$17,657.00           | \$11,200.00           | \$9,339.20            | \$11,200.00  | \$18,000.00           |
| 26  | Tie-In #7 - Woodland/Angora Lake (Sheet P15)                 | LS   | 1               | \$7,000.00                     | \$17,657.00           | \$11,200.00           | \$9,339.20            | \$11,200.00  | \$18,000.00           |
| 27  | Tie-In #8 - Woodland/Herbert (Sheet P16)                     | LS   | 1               | \$7,000.00                     | \$17,259.00           | \$10,300.00           | \$9,339.20            | \$7,500.00   | \$18,000.00           |
| 28  | Tie-In #9 - Herbert/Pioneer (Sheet P18)                      | LS   | 1               | \$5,000.00                     | \$17,849.00           | \$9,300.00            | \$7,416.50            | \$6,500.00   | \$18,000.00           |
| 29  | Demolish Existing Fire Hydrants                              | EA   | 15              | \$18,750.00                    | \$81,750.00           | \$11,550.00           | \$94,867.50           | \$90,000.00  | \$22,500.00           |
| 30  | Abandon water main valves                                    | EA   | 11              | \$8,800.00                     | \$11,440.00           | \$8,250.00            | \$48,148.10           | \$17,600.00  | \$13,200.00           |
| 31  | Fill Abandoned Waterlines with Slurry                        | CY   | 66              | \$26,400.00                    | \$74,184.00           | \$42,900.00           | \$28,914.60           | \$92,400.00  | \$33,000.00           |
| 32  | Waterline 4-Inch Trench Patch                                | SF   | 23000           | \$253,000.00                   | \$270,710.00          | \$322,000.00          | \$148,350.00          | \$218,500.00   | \$368,000.00          |
| 33  | Waterline 3-Inch Miscellaneous Patch Paving                  | SF   | 1700            | \$34,000.00                    | \$30,209.00           | \$20,400.00           | \$13,260.00           | \$14,450.00  | \$35,700.00           |
| 34  | Additional 1-foot Pipeline Depth                             | LF   | 300             | \$6,000.00                     | \$6,600.00            | \$14,100.00           | \$32,760.00           | \$12,000.00  | \$4,500.00            |
| 35  | Waterline Non-Excavatable Rock Removal                       | CY   | 15              | \$3,000.00                     | \$19,080.00           | \$7,350.00            | \$20,728.50           | \$15,750.00  | \$4,500.00            |
| 36  | Allowance for Customer Side Water Service Relocations        | LS   | 1               | \$30,000.00                    | \$30,000.00           | \$30,000.00           | \$30,000.00           | \$30,000.00  | \$30,000.00           |
| 37  | Waterline Contingency Work/Unknown Conditions                | LS   | 1               | \$30,000.00                    | \$30,000.00           | \$30,000.00           | \$30,000.00           | \$30,000.00  | \$30,000.00           |
|   |  |      | <b>Subtotal</b> | <b>\$3,665,130.00</b>          | <b>\$3,791,757.00</b> | <b>\$4,327,979.00</b> | <b>\$4,666,820.10</b> | <b>\$4,781,050.00</b>  | <b>\$3,980,585.00</b> |
| <b>Bid Schedule B: Walkup Sewer Replacement</b>             |  |      |                 |                                |                       |                       |                       |  |                       |
| 38  | Sewerline Mobilization and Demobilization                    | LS   | 1               | \$95,000.00                    | \$16,216.00           | \$91,100.00           | \$21,482.50           | \$187,000.00   | \$110,000.00          |
| 39  | Sewerline Erosion Control                                    | LS   | 1               | \$15,000.00                    | \$34,210.00           | \$58,500.00           | \$21,700.90           | \$30,000.00  | \$30,000.00           |
| 40  | Sewerline Groundwater Dewatering                             | LS   | 1               | \$50,000.00                    | \$25,848.00           | \$59,500.00           | \$56,550.00           | \$40,000.00  | \$70,000.00           |
| 41  | Sewerline Traffic Control                                    | LS   | 1               | \$10,000.00                    | \$47,469.00           | \$24,800.00           | \$65,863.20           | \$25,000.00  | \$30,000.00           |
| 42  | Sewerline Sheeting, Shoring and Bracing or Equivalent Method | LS   | 1               | \$25,000.00                    | \$92,393.00           | \$23,100.00           | \$39,582.40           | \$68,000.00  | \$30,000.00           |
| 43  | Sewerline Surveying  | LS   | 1               | \$9,000.00                     | \$4,494.00            | \$7,500.00            | \$17,972.00           | \$12,500.00  | \$15,000.00           |
| 44  | 8-inch SDR 26 Sewer Main                                     | LF   | 1860            | \$930,000.00                   | \$857,460.00          | \$412,920.00          | \$365,118.00          | \$613,800.00   | \$651,000.00          |

|  |  |    |                 |                       |                       |                       |                       |                       |                       |
|--|--|----|-----------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 45   | Manhole Core and Channel - Existing Manhole                      | EA | 7               | \$21,000.00           | \$52,843.00           | \$58,100.00           | \$44,171.40           | \$18,900.00           | \$35,000.00           |
| 46   | Manhole Internal Drop (Woodland/Glenwood)                        | EA | 1               | \$2,500.00            | \$22,849.00           | \$7,800.00            | \$10,726.30           | \$4,300.00            | \$10,000.00           |
| 47   | 4" Lateral Connection to Main                                    | EA | 10              | \$15,000.00           | \$26,780.00           | \$45,000.00           | \$25,662.00           | \$6,200.00            | \$20,000.00           |
| 48   | 4" Lateral Replacement   | LF | 100             | \$20,000.00           | \$24,900.00           | \$23,300.00           | \$36,400.00           | \$20,000.00           | \$12,500.00           |
| 49   | AC Pipe Disposal   | CY | 15              | \$3,000.00            | \$16,290.00           | \$11,100.00           | \$48,282.00           | \$12,000.00           | \$4,500.00            |
| 50   | Trench Cutoff Wall   | EA | 10              | \$25,000.00           | \$41,620.00           | \$31,000.00           | \$35,100.00           | \$15,000.00           | \$12,000.00           |
| 51   | Sewerline 4-Inch Trench Patch                                    | SF | 11000           | \$132,000.00          | \$161,370.00          | \$121,000.00          | \$76,780.00           | \$104,500.00          | \$176,000.00          |
| 52   | Sewerline 3-Inch Miscellaneous Patch Paving                      | SF | 200             | \$5,000.00            | \$4,212.00            | \$2,200.00            | \$6,538.00            | \$3,600.00            | \$4,200.00            |
| 53   | Sewerline Non-Excavatable Rock Removal                           | CY | 5               | \$1,000.00            | \$6,770.00            | \$2,950.00            | \$14,651.00           | \$5,400.00            | \$1,500.00            |
| 54   | Sewerline Contingency Work/Unknown Conditions                    | LS | 1               | \$20,000.00           | \$20,000.00           | \$20,000.00           | \$20,000.00           | \$20,000.00           | \$20,000.00           |
|  |  |    | <b>Subtotal</b> | <b>\$1,378,500.00</b> | <b>\$1,455,724.00</b> | <b>\$999,870.00</b>   | <b>\$906,579.70</b>   | <b>\$1,186,200.00</b> | <b>\$1,231,700.00</b> |
| <b>Bid Schedule C: As Needed System Improvements</b> |  |    |                 |                       |                       |                       |                       |                       |                       |
| 55   | As-Needed Water System Improvements                              | LS | 1               | \$100,000.00          | \$100,000.00          | \$100,000.00          | \$100,000.00          | \$100,000.00          | \$100,000.00          |
| 56   | As-Needed Sewer System Improvements                              | LS | 1               | \$100,000.00          | \$100,000.00          | \$100,000.00          | \$100,000.00          | \$100,000.00          | \$100,000.00          |
|  |  |    | <b>Subtotal</b> | <b>\$200,000.00</b>   | <b>\$200,000.00</b>   | <b>\$200,000.00</b>   | <b>\$200,000.00</b>   | <b>\$200,000.00</b>   | <b>\$200,000.00</b>   |
| <b>Alternate Bid Schedule</b>                        |  |    |                 |                       |                       |                       |                       |                       |                       |
| 57   | Waterline 2-Inch Mill and Overlay                                | SF | 52000           | \$208,000.00          | \$270,920.00          | \$254,800.00          | \$338,000.00          | \$351,000.00          | \$260,000.00          |
| 58   | Sewerline 2-Inch Mill and Overlay                                | SF | 22000           | \$88,000.00           | \$133,760.00          | \$112,200.00          | \$177,320.00          | \$154,000.00          | \$110,000.00          |
| 59   | Waterline Add for American Iron and Steel (AIS) Requirements     | LS | 1               | \$12,000.00           | \$5.00                | \$92,200.00           | \$88,198.50           | \$104,500.00          | \$12,365.00           |
| 60   | Waterline Add for Build America, Buy America (BABA) Requirements | LS | 1               | \$12,000.00           | \$5.00                | \$95,800.00           | \$91,582.40           | \$110,300.00          | \$10,000.00           |
| 61   | Sewerline Add for American Iron and Steel (AIS) Requirements     | LS | 1               | \$1,000.00            | \$5.00                | \$6,800.00            | \$63,024.85           | \$25,000.00           | \$5,500.00            |
| 62   | Sewerline Add for Build America, Buy America (BABA) Requirements | LS | 1               | \$1,000.00            | \$5.00                | \$6,800.00            | \$66,624.02           | \$27,000.00           | \$5,000.00            |
|  |  |    | <b>Subtotal</b> | <b>\$322,000.00</b>   | <b>\$404,700.00</b>   | <b>\$568,600.00</b>   | <b>\$824,749.77</b>   | <b>\$771,800.00</b>   | <b>\$402,865.00</b>   |
|  |  |    | <b>Total</b>    | <b>\$5,565,630.00</b> | <b>\$5,852,181.00</b> | <b>\$6,096,449.00</b> | <b>\$6,598,149.57</b> | <b>\$6,939,050.00</b> | <b>\$5,815,150.00</b> |

**2024 Herbert Walkup Pipeline Project**  
**Bid Opening: Friday, December 15, 2023, at 2:00 o'clock p.m.**

**Deviations and information gathered during bid analysis of the three lowest Bids received:**

**Vinciguerra Construction, Inc.**

- List of Subcontractors
  - One of the subcontractor's addresses did not match the Department of Industrial Relations (DIR) Website. However, it did match the Contractor's State License Board (CSLB) website
  - The subcontractor's company name is listed on the Bid Form, but the license number does not match. However, we were able to verify the individual surveyor's license number and active status through the California Board of Professional Engineers and Land Surveyors website.

**F.W. Carson Co.**

- Equipment/Material Supplier List
  - The name of one of the manufacturers listed on the Bid Form, "Etony" was illegible.
- Bidder's General Information, Item 4
  - The State license number listed on the Bid Form for the Contractor could not be located on the California Contractor's State License Board (CSLB) website. We were however able to contact the Contractor and obtain the correct license number which was then verified as current and active.
- Bidders General Information, Item 6
  - The authorized agent's name for the surety company was not provided on the Bid Form.
  - The surety company's name, address, and telephone number were not provided on the Bid form. We were, however, able to obtain the information directly from the agent once identified and verify that the Bid Bond is valid and meets District requirements.
- Certification by Contractor's Insurance Broker
  - The brokerage agency's name was incorrectly listed in the signature block rather than the insurance company name. We were however able to obtain the insurance company's name directly from the agent and verify that it meets District requirements.

**Flowline Contractors, Inc.**

- List of Subcontractors
  - The entity name of one of the subcontractors listed on the Bid form did not match either the California Contractor's State License Board (CA CSLB) website or the California Department of Industrial Relations (CA DIR). We were however able to obtain and verify the correct entity name and that they are registered and active with the CA DIR and have a current business license.

- Bidder's General Information, item 6
  - The name of the surety company was provided but not the phone number or address. The agent's name, address and phone number were provided but not the brokerage company's name. We were however able to obtain the additional information directly from the agent and verify that the Bid Bond is valid, and that the surety company meets District's requirements.
- Certification by Contractor's Insurance Broker
  - The Insurance Company's name was abbreviated. We were however able to obtain the full company name and verify that it meets District requirements.

**2024 Herbert Walkup Pipeline Project  
CONTRACTOR'S SUBCONTRACTORS**

**Vinciguerra Construction, Inc.**

| <u>Description of Work</u> |     | <u>Subcontractors Name<br/>&amp; Address</u>   |
|----------------------------|-----|--|
| Sawcutting/ Coring (P)     | .5% | Austerman, Inc.<br>1960 Channel Dr.<br>West Sacramento, CA 95691<br>CA#686965; CA DIR(PWC)#1000004658                                |
| Cellular Concrete (P)      | .5% | Geo-Cell Solutions, Inc.<br>2668 N. Fordham Ave.<br>Fresno, CA 93727<br>CA#938053; CA DIR(PWC)#1000001454                            |
| Survey (P)                 | .5% | MAPCA Surveys, Inc.<br>580 Mount Rose Street<br>Reno, NV 89509<br>Land Survey Lic. No. 7954;<br>CA DIR (PWC) 1000019358              |
| Asphalt Paving (P)         | 11% | Colbre Grading and Paving of NV, Inc.<br>1528 USA Hwy 395 N. Ste 245<br>Gardnerville, NV 89410<br>CA#966509; CA DIR (PWC) 1000449366 |

**Named Equipment/Material Supplier List:**

| <u>Equipment/Material</u>                  | <u>Supplier / Manufacturer</u>                           |
|--|--|
| 1. Aggregate base material Recycled Virgin | Tahoe Asphalt / Tahoe Asphalt<br>Cinderlite / Cinderlite |
| 2. Asphalt                                 | Tahoe Asphalt / Tahoe Asphalt                            |
| 3. Concrete                                | Sierra Tahoe Ready Mix/Sierra Tahoe Ready Mix            |
| 4. Water Piping                            | CAP FLO / NAPCO  |
| 5. Water Fittings                          | CAP FLO / Tyler  |
| 6. Water Valves                            | CAP FLO / AVK  |
| 7. Fire Hydrants                           | CAP FLO / AVK  |
| 8. Sewer Piping                            | CAP FLO / NAPCO  |
| 9. Sewer Fittings                          | CAP FLO / NAPCO  |

**Flowline Contractors, Inc.**

| <u>Description of Work</u> |        | <u>Subcontractors Name<br/>&amp; Address</u>   |
|----------------------------|--------|--|
| Paving                     | 12.73% | Black Star Pavement Maintenance, Inc.<br>8360 Galena Ave.<br>Sacramento, CA 95828<br>CA#954061; CA DIR(PWC)#1000026271 |

**2024 Herbert Walkup Pipeline Project  
CONTRACTOR'S SUBCONTRACTORS**

|  |   |   |
|--|---|---|
| Saw-Cutting                                    | .56%  | California Cut and Core<br>11358 Sunrise Gold Circle, Suite A<br>Rancho Cordova, CA 95742<br>License#894220<br>CA DIR(PWC)#PW-LR-1000643289 |
| <b>Named Equipment/Material Supplier List:</b> |   |   |
| <b>Equipment/Material</b>                      | <b>Supplier / Manufacturer</b>                          |   |
| 1. Aggregate base material                     | Cinderlite Trucking Corp/Cinderlite Trucking Corp       |   |
| 2. Asphalt                                     | Teichert / Teichert                                     |   |
| 3. Concrete                                    | Sierra Tahoe Ready Mix Inc / Sierra Tahoe Ready Mix Inc |   |
| 4. Water Piping                                | Capital Flow / Westlake Pipe and Fittings               |   |
| 5. Water Fittings                              | Capital Flow / Tyler Union                              |   |
| 6. Water Valves                                | Capital Flow / American AVK                             |   |
| 7. Fire Hydrants                               | Capital Flow / American AVK                             |   |
| 8. Sewer Piping                                | Capital Flow / Westlake Pipe and Fittings               |   |
| 9. Sewer Fittings                              | Capital Flow / Westlake Pipe and Fittings               |   |

**F. W. Carson Co.**

|  |   |
|--|---|
| <b><u>Description of Work</u></b>              | <b><u>Subcontractors Name &amp; Address</u></b>                     |
| None   | None  |
| <b>Named Equipment/Material Supplier List:</b> |   |
| <b>Equipment/Material</b>                      | <b>Supplier / Manufacturer</b>                                      |
| 1. Aggregate base material                     | F.W. Carson, Cinderlite, Granite Const., South Tahoe Asphalt / Same |
| 2. Asphalt                                     | Granite Const., South Tahoe Asphalt / Same                          |
| 3. Concrete                                    | American Ready Mix, 3D Concrete, Sierra Tahoe Ready Mix / Same      |
| 4. Water Piping                                | Western Nevada Supply / Diamond Plastics, Vinyl Tech                |
| 5. Water Fittings                              | Western Nevada Supply / Tyler, "Etony" (illegible), Sigman          |
| 6. Water Valves                                | Western Nevada Supply / Mueller                                     |
| 7. Fire Hydrants                               | Western Nevada Supply / Mueller                                     |
| 8. Sewer Piping                                | Western Nevada Supply / Diamond Plastics, Westlake                  |
| 9. Sewer Fittings                              | Western Nevada Supply / Westlake                                    |