

**KING COUNTY WATER DISTRICT NO. 90**

**KING COUNTY, WASHINGTON**

**RESOLUTION NO. 1024**

**A RESOLUTION** of the Board of Commissioners of King County Water District No. 90, King County, Washington, awarding Contract 2017-2, in the sum of \$954,310.00, not including sales tax, to Laser Underground and Earthworks, Inc. for the Lake McDonald Water Main Improvement Project.

**WHEREAS**, the District has heretofore complied with the legal requirements of publication for Contract 2017-2; and

**WHEREAS**, Laser Underground and Earthworks, Inc. was the lowest responsible bidder upon the plans and specifications provided for in said bid; and

**WHEREAS**, the contract is not in excess of the cost of material or work.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Commissioners of King County Water District No. 90, as follows:

**SECTION 1:** That the award of Contract No. 2017-2, for the Lake McDonald Water Main Improvement Project, is hereby made to Laser Underground and Earthworks, Inc., for the bid sum of \$954,310.00, plus applicable sales tax.

**SECTION 2:** That the Manager of the District is hereby instructed to return all checks, cash and bid bonds heretofore submitted by other bidders of this project.

**RESOLUTION 1024**

**SUBJECT:** Awarding Contract 2017-2  
Laser Underground and Earthworks, Inc.  
Lake McDonald Water Main Improvements Project

**SECTION 3:** That the Commissioners authorize the signing and execution of said Contract. *BY THE DISTRICT MANAGER. BOB 5/23/17*

**ADOPTED** by the Board of Commissioners of King County Water District No. 90, King County, Washington, at a regular open public meeting thereof on the 23rd day of May, 2017.

*Byron Murgatroyd 05/23/17*  
\_\_\_\_\_  
**Byron Murgatroyd, President**

*Sam Amira 5/23/2017*  
\_\_\_\_\_  
**Sam Amira, Secretary**

\_\_\_\_\_  
**Dick Gidner, Commissioner**

**RESOLUTION 1024**

**SUBJECT:** Awarding Contract 2017-2  
Laser Underground and Earthworks, Inc.  
Lake McDonald Water Main Improvements Project

To: Darcey Peterson, General Manager  
King County Water District No. 90  
File: Lake McDonald Water Main Improvements  
Contract 2017-2

From: Laurie Fulton P.E.  
Bellevue, WA  
Date: May 19, 2017

---

**Reference: Recommendation to Award to Lowest Responsible Bidder**

Bids for the Lake McDonald Water Main Improvement project, were opened on Wednesday, May 17, 2017, at 1:00 p.m. at the District office.

Principal items of Work included in Contract No. 2017-2, LAKE MCDONALD WATER MAIN IMPROVEMENTS, are replacement of approximately 4,460 lineal feet of 8-inch DI pipe, and 130 lineal feet of 4-inch DI in two general locations in the District. Work for SE 142nd Place needs to be completed ahead of King County's paving project in the summer of 2017. Also included are water services, fire hydrants, valves, connections to the existing water system, abandonment of existing water lines, asphalt patching, concrete driveway repair, surface restoration including paving and related work.

The District received two bids, \$954,310.00 and \$1,225,645.00, not including sales tax. Stantec reviewed the bids for accuracy. The Engineer's Estimate of Probable Construction Cost, not including sales tax, was \$1,070,047.80. The result of reviewing the two bids is contained in the attached Tabulation of Bids.

Laser Underground and Earthworks, Inc., from Snohomish, WA, is the apparent low bidder at \$954,310.00. The low bid is approximately 11% under the Engineer's Final Estimate of Probable Construction Cost.

Laser Underground and Earthworks, Inc. is an experienced contractor capable of successfully completing this project. We have checked four references, and other agencies are very satisfied with their work. They recently constructed two Stantec designed projects - for City of Bellevue and KCWD 20. Additionally, other information was verified:

- Licensing meets current L&I requirements
- Active bond
- Active insurance
- No L&I tax debts
- No license violations
- One worker's comp claim Q1, 2017 (Non-Performance based)
- No workplace safety & health violations when inspected 8/23/2016
- One workplace safety & health violation when inspected 8/1/2013
- Active business License with the Wa State Department of Revenue



May 19, 2017

Darcey Peterson, General Manager

Page 2 of 2

**Reference: Recommendation to Award to Lowest Responsible Bidder**

Based on checks on four references including Stantec's experience with this contractor, we recommend the Board award the Lake McDonald Water Main Improvement project, to Laser Underground and Earthworks, Inc., the lowest responsible bidder.

---

**Stantec Consulting Services Inc.**

A handwritten signature in cursive script that reads 'Laurie Fulton'.

Laurie Fulton, P.E.

Attachment: Tabulation of Bids

c. Josh Deraitus, Anne Paige – KCWD 90  
Brian Wolf, P.E. – Stantec

STANTEC CONSULTING SERVICES INC  
11130 NE 33rd Place, Suite 200  
Bellevue, WA 98004

TABULATION OF BIDS  
  
OWNER: KING COUNTY WATER DISTRICT NO. 90

PROJECT: LAKE MCDONALD WATER MAIN IMPROVEMENTS  
CONTRACT 2017-2

OPENING: MAY 17, 2017

CERTIFIED: 

|                           |   | Bidder<br>&<br>Address | LASER UNDERGROUND &<br>EARTHWORKS, INC.<br>20417 - 87TH AVE SE<br>SNOHOMISH, WA 98296 |               | KAR-VEL CONSTRUCTION<br>PO BOX 58275<br>RENTON, WA 98058 |                | Engineers Estimate |                |
|---------------------------|---|------------------------|---|---------------|--|----------------|--------------------|----------------|
|                           |   | Bid<br>Security        | 5% Bid Bond   |               | 5% Bid Bond  |                |                    |                |
|                           |   | Complete In:           | 90 Calendar Days  |               | 90 Calendar Days   |                |                    |                |
| ITEM                      | DESCRIPTION   | Approx. Qty            | Unit Bid  | Amount        | Unit Bid   | Amount         | Unit Bid           | Amount         |
| 1                         | Mobilization (Not to exceed 8% Total)                 | 1 LS                   | \$ 55,000.00  | \$ 55,000.00  | \$ 87,000.00   | \$ 87,000.00   | \$ 79,262.80       | \$ 79,262.80   |
| 2                         | Temporary Erosion & Sedimentation Control (TESC)      | 1 LS                   | \$ 3,000.00   | \$ 3,000.00   | \$ 5,000.00  | \$ 5,000.00    | \$ 5,000.00        | \$ 5,000.00    |
| 3                         | Project Temporary Traffic Control                     | 1 LS                   | \$ 60,000.00  | \$ 60,000.00  | \$ 70,000.00   | \$ 70,000.00   | \$ 40,000.00       | \$ 40,000.00   |
| 4                         | Construction Staking and Record Drawing Survey        | 1 LS                   | \$ 10,000.00  | \$ 10,000.00  | \$ 8,000.00  | \$ 8,000.00    | \$ 5,000.00        | \$ 5,000.00    |
| 5                         | Connection to Existing System                         | 8 EA                   | \$ 5,000.00   | \$ 40,000.00  | \$ 8,000.00  | \$ 64,000.00   | \$ 4,500.00        | \$ 36,000.00   |
| 6                         | 4-Inch Ductile Iron Water Main, Class 52 and Fittings | 130 LF                 | \$ 70.00  | \$ 9,100.00   | \$ 79.00   | \$ 10,270.00   | \$ 55.00           | \$ 7,150.00    |
| 7                         | 8-Inch Ductile Iron Water Main, Class 52 and Fittings | 4460 LF                | \$ 73.00  | \$ 325,580.00 | \$ 90.00   | \$ 401,400.00  | \$ 75.00           | \$ 334,500.00  |
| 8                         | Additional Ductile Iron Fittings (as required)        | 1000 LB                | \$ 3.00   | \$ 3,000.00   | \$ 0.10  | \$ 100.00      | \$ 3.50            | \$ 3,500.00    |
| 9                         | Polyethylene Casing for Ductile Iron Pipe             | 4590 LF                | \$ 0.40   | \$ 1,836.00   | \$ 0.40  | \$ 1,836.00    | \$ 2.00            | \$ 9,180.00    |
| 10                        | Trench Shoring in Compliance with WISHA, Ch. 49.17    | 4590 LF                | \$ 0.30   | \$ 1,377.00   | \$ 0.10  | \$ 459.00      | \$ 5.00            | \$ 22,950.00   |
| 11                        | 4-Inch Gate Valve, Resilient Wedge with Valve Box     | 1 EA                   | \$ 600.00   | \$ 600.00     | \$ 800.00  | \$ 800.00      | \$ 1,100.00        | \$ 1,100.00    |
| 12                        | 8-Inch Gate Valve, Resilient Wedge with Valve Box     | 9 EA                   | \$ 1,000.00   | \$ 9,000.00   | \$ 1,800.00  | \$ 16,200.00   | \$ 1,600.00        | \$ 14,400.00   |
| 13                        | 10-Inch Gate Valve, Resilient Wedge with Valve Box    | 2 EA                   | \$ 1,500.00   | \$ 3,000.00   | \$ 2,000.00  | \$ 4,000.00    | \$ 2,000.00        | \$ 4,000.00    |
| 14                        | Water Service, Short Side                             | 43 EA                  | \$ 1,600.00   | \$ 68,800.00  | \$ 2,000.00  | \$ 86,000.00   | \$ 1,600.00        | \$ 68,800.00   |
| 15                        | Water Service, Long Side                              | 21 EA                  | \$ 1,800.00   | \$ 37,800.00  | \$ 2,400.00  | \$ 50,400.00   | \$ 2,000.00        | \$ 42,000.00   |
| 16                        | Relocate Water Meter/Service (as required)            | 100 LF                 | \$ 20.00  | \$ 2,000.00   | \$ 20.00   | \$ 2,000.00    | \$ 45.00           | \$ 4,500.00    |
| 17                        | Fire Hydrant Assembly                                 | 9 EA                   | \$ 6,000.00   | \$ 54,000.00  | \$ 8,000.00  | \$ 72,000.00   | \$ 5,000.00        | \$ 45,000.00   |
| 18                        | 2-Inch Blow Off Assembly                              | 1 EA                   | \$ 3,000.00   | \$ 3,000.00   | \$ 5,000.00  | \$ 5,000.00    | \$ 3,000.00        | \$ 3,000.00    |
| 19                        | 12-Inch Culvert Pipe (as required)                    | 25 0                   | \$ 100.00   | \$ 2,500.00   | \$ 50.00   | \$ 1,250.00    | \$ 35.00           | \$ 875.00      |
| 20                        | Abandon Existing Water Main                           | 1 LS                   | \$ 1,000.00   | \$ 1,000.00   | \$ 15,000.00   | \$ 15,000.00   | \$ 6,000.00        | \$ 6,000.00    |
| 21                        | Foundation Gravel (as required)                       | 110 TON                | \$ 10.00  | \$ 1,100.00   | \$ 24.00   | \$ 2,640.00    | \$ 26.00           | \$ 2,860.00    |
| 22                        | Crushed Surfacing (as required)                       | 3670 TON               | \$ 0.10   | \$ 367.00     | \$ 2.00  | \$ 7,340.00    | \$ 26.00           | \$ 95,420.00   |
| 23                        | Quarry Spalls (as required)                           | 40 TON                 | \$ 20.00  | \$ 800.00     | \$ 20.00   | \$ 800.00      | \$ 30.00           | \$ 1,200.00    |
| 24                        | Controlled Density Fill (as required)                 | 20 CY                  | \$ 80.00  | \$ 1,600.00   | \$ 50.00   | \$ 1,000.00    | \$ 160.00          | \$ 3,200.00    |
| 25                        | HMA for Pavement Repair Cl. 1/2" PG 64-22             | 600 TON                | \$ 180.00   | \$ 108,000.00 | \$ 180.00  | \$ 108,000.00  | \$ 150.00          | \$ 90,000.00   |
| 26                        | HMA for Overlay Cl. 1/2" PG 64-22                     | 750 TON                | \$ 165.00   | \$ 123,750.00 | \$ 110.00  | \$ 82,500.00   | \$ 150.00          | \$ 112,500.00  |
| 27                        | Sawcutting Asphalt                                    | 7550 LF                | \$ 2.00   | \$ 15,100.00  | \$ 3.00  | \$ 22,650.00   | \$ 3.00            | \$ 22,650.00   |
| 28                        | Clearing and Grubbing                                 | 1 LS                   | \$ 3,000.00   | \$ 3,000.00   | \$ 50,000.00   | \$ 50,000.00   | \$ 3,000.00        | \$ 3,000.00    |
| 29                        | Surface Restoration                                   | 1 LS                   | \$ 10,000.00  | \$ 10,000.00  | \$ 50,000.00   | \$ 50,000.00   | \$ 7,000.00        | \$ 7,000.00    |
| TOTAL CONTRACT AMOUNT BID |   |                        |   | \$954,310.00  |  | \$1,225,645.00 |                    | \$1,070,047.80 |