



**AGENCY:** City Council  
**MEETING DATE:** February 12, 2024  
**DEPARTMENT:** Public Works  
**PRESENTED BY:** D. O'Connor  
**EMAIL ADDRESS:** doconnorl@fortbragg.com

## AGENDA ITEM SUMMARY

### **TITLE:**

**Adopt a Resolution of the Fort Bragg City Council Awarding the Raw Water Line Replacement Project, City Project No. WTR-00016, to T & S Construction Company, Inc. as the Lowest Responsible Bidder and Authorizing City Manager to Execute a Contract (Not To Exceed \$5,958,087) Subject to City Attorney Approval as to Form**

### **ISSUE:**

The Raw Water Line Replacement Project construction and construction management services contracts were let to bid In December of 2023. Both the construction contract and the construction management contract are being presented for consideration, this evening under separate business items.

Bids for the construction of the Raw Water Line Replacement Project were opened on January 26, 2024. Four bids were received. The lowest base bid came from T & S Construction Company for \$5,945,851 with the total bid including the alternate of replacing the standard C900 PVC pipe with C909 "Seismic Resistant" PVC pipe for \$5,958,087. The highest base bid came from Ghilotti Construction in the amount of \$12,680,728 with the total bid including the alternates of \$12,683,175.20. Additional bids came from Argonaut Constructors in the amount of \$10,054,330 with the total bid including alternate for \$10,066,566, and Wahlund Construction Inc., in the amount of \$7,236,675.00 with the total bid including alternate for \$7,297,655. All bids were considered responsive and responsible. Staff recommends accepting the base bid plus the alternate from T & S Construction Company for a total contract amount of \$5,958,087.

### **ANALYSIS:**

This project scope includes almost two (2) miles of new pipeline along with a small pump station located at Newman Reservoir. Alternate one replaces the standard C900 PVC pipe with C909 "Seismic Resistant" pipe that is constructed with molecularly oriented PVC, making it 4 times stronger than conventional PVC using half the thickness. The project crosses steep terrain and includes working in areas of sensitive habitat requiring protective measures. The project is subject to CEQA, and a Mitigated Negative Declaration was adopted by City Council on May 23, 2022.

This project requires several special permits that are still in process so there is still some uncertainty as to all of the conditions that will be applied to construction activities. That uncertainty is expressed in the spread of bids ranging from just under \$6 million to over \$12 million dollars.

### **FISCAL IMPACT:**

The construction of this project is funded by State Department of Water Resources Urban and Multibenefit Grant. The total project budget available through the grant, which includes

construction and construction management, is \$8,797,500. The engineer's estimate of probable costs provided by Coleman Engineering and dated November 15, 2021 was for \$5,927,388. The estimate was prepared prior to the inclusion of the pump station or Alternate 1. Coleman provided a rough update of the estimate amount in May 2023 that included the pump station for a total of \$6,920,000. The contract price of the apparent low bidder, T & S Construction Company, including the alternate, is \$ \$961,913 (or 14%) below the May 2023 engineer's estimate of costs. Based on the project budget and the submittals received, the alternate will be included in the construction contract.

Construction costs including base bid and the alternate brings the total construction contract cost to \$ 5,958,087. This cost is within the budgeted grant amount and leaves a reserve of \$2,279,413 after inclusion of the construction management contract.

**GREENHOUSE GAS EMISSIONS IMPACT:**

There will be a short-lived increase of greenhouse gas emissions during the construction phase due to the equipment necessary for the performance of the work. Increases in greenhouse gases will only occur during actual construction. All Air Quality Management District best management practices for minimizing greenhouse gas emissions during construction, like reducing idling vehicles, will be incorporated into the daily activities of this project.

**ENVIRONMENTAL ANALYSIS:**

An environmental assessment was conducted by Dewberry Engineers, which resulted in the preparation of a Mitigated Negative Declaration (MND). The MND includes ten (10) Biological mitigations, two (2) Cultural mitigations, one (1) Geology mitigation, two (2) Hazard mitigations, one (1) Hydrology mitigation, one (1) Noise mitigation, one (1) Public Service mitigation, one (1) Transportation mitigation, one (1) Tribal Cultural Resources mitigation, one (1) Wildfire mitigation. The specific details of the mitigations are described in the full text of the document and summarized in the mitigation monitoring plan, both of which are available on the [City's Project Website](#). After a properly noticed Public Hearing, the MND was adopted by City Council on May 23, 2022.

**CONSISTENCY:**

Completion of this project is consistent with the goal of improving the resiliency of the City's water system and the goals of the grant that will fund this contract.

**RECOMMENDED ACTION:**

Accept the bid of T & S Construction Company and adopt the Resolution awarding the contract for construction to T & S Construction Company for the Raw Water Line Replacement Project. The project award includes base bid items and Alternate 1.

**ALTERNATIVE ACTION(S):**

Direct staff to reject all current bids and re-bid the project or to eliminate the alternate.

**IMPLEMENTATION/TIMEFRAMES:**

Bid Opened – January 26, 2024

Award Construction Contract – February 12, 2024

Start Construction – April 2024

Complete Construction –September 2025

**ATTACHMENTS:**

1. Bid Opening

2. Resolution

**NOTIFICATION:**

1. Argonaut Constructors

2. Ghilotti Construction

3. T & S Construction

4. Wahlund Construction