



## AGENDA SUMMARY EUREKA CITY COUNCIL

**TITLE:** High Tank Booster Pump Station Reconstruction Project - Award

**DEPARTMENT:** Public Works

**PREPARED BY:** Gabriel Adame, Associate Civil Engineer

**PRESENTED FOR:** Action  Information only  Discussion

### **RECOMMENDATION**

1. Declare Mercer-Fraser Company the low bidder on the High Tank Booster Pump Station Reconstruction Project, Bid No. 2023-09; and
2. Award Bid No. 2023-09 to Mercer-Fraser Company for the amount of \$888,000.00; and
3. Approve \$975,000 for construction, which includes a contingency of approximately 10%.
4. Appropriate an additional \$500,000 for construction.

### **FISCAL IMPACT**

No Fiscal Impact  Included in Budget  Additional Appropriation

### **COUNCIL GOALS/STRATEGIC VISION**

- Financially Sound City Providing Effective Services

### **DISCUSSION**

The City of Eureka maintains two pressure systems to deliver potable water to the City, the low-pressure system (Low Zone) and the high-pressure system (High Zone). Included in these reservoirs are the 1,000,000-gallon storage tank, known as the Low Tank, and the 500,000-gallon elevated storage tank, known as the High Tank, both located on K Street between Harris and Wood Streets. A booster pump station forces water from the Low Tank at ground level, to the High Tank, approximately 100 feet above. The High Tank was replaced in 2005 to ensure vital infrastructure was updated to meet modern safety standards. The booster pump station was refit to pump to the new tank, but was not rebuilt itself. The pumps and building of the existing station are now at the end of their service life, with replacement parts becoming harder to obtain, and repairs more difficult. A reliable booster pump station is vital to the City's ability to provide drinking water and adequate pressure for fire suppression needs. The new station will be reliable, efficient and more easily serviceable.

This project consists, in general, of construction of a new booster pump station with a concrete mason unit building, three new vertical turbine pumps, and associated controls and piping. The new station will be built adjacent to the Low Tank, while continuing use of the existing station, eliminating the need for bypassing of the original station

This project was originally put out to bid in 2022, however the received bids were well above the budget project amount, and all bids were rejected. Staff reworked the project to reduce the project costs and put the project back out to bid under the City's formal bid process. The project was advertised on December 4, 2022, and bids were opened on January 17, 2023, at which time two (2) bids were received. Mercer-Fraser Company was the low bidder. Staff reviewed and evaluated the bids and determined the low bid to be in conformance with the project requirements.

Materials and construction costs have increased significantly in the last few years, including almost two fold increases in pump costs (\$361,861). This project was originally budgeted at \$867,000 in the beginning of 2022. At this point the new pumps, construction contract, construction contingency, and consultant services add up to \$1,366,155, approximately \$500,000 over the estimated project budget. Therefore, an additional \$500,000 additional appropriation is requested.

Staff recommends that Council award construction of the High Tank Booster Pump Station Reconstruction Project, Bid No. 2023-09, to Mercer-Fraser Company for the amount of \$888,000, and approve \$975,000 for the construction contract which includes contingency.

**High Tank Booster Pump Station Reconstruction Rebid Project  
Bid No. 2023-09**

**Bid Opening Date: January 17, 2023**

<b>Total Base Bid</b>		
<b>Engineer's Estimate</b>	<b>\$825,500.00</b>	
<b>Mercer-Fraser Co.</b>	<b>\$888,000.00</b>	Apparent Low Bidder
<b>GR Sundberg</b>	<b>\$973,300.00</b>	

**REVIEWED AND APPROVED BY:**

City Attorney  
City Clerk/Information Services

- Community Services
- Development Services
- Finance
- Fire
- Personnel
- Police
- Public Works