

# Heber Public Utility District

## REPORT TO BOARD OF DIRECTORS

**MEETING DATE:** August 16, 2018

**FROM:** Laura Fischer, General Manager

**SUBJECT:** Approve Change Order Number 1 in the amount of \$13,427.90 for necessary changes to the Manhole and Lift Station Rehabilitation Project.

**ISSUE:**

Shall the Board of Directors approve change order number 1 in the amount not to exceed \$13,427.90 for necessary changes to the Manhole and Lift Station Rehabilitation Project?

**GENERAL MANAGER'S RECOMMENDATION:**

It is recommended that the Board of Directors approve change order number 1 in the amount not to exceed \$13,427.90 for necessary changes to the Manhole and Lift Station Rehabilitation Project.

**FISCAL IMPACT:**

This change order in the amount of \$13,427.90 will be funded through the Capital Improvement Project Budget. This project was a combined project from Fiscal Year 17-18 and 18-19. There is a total of \$198,010 in the Capital Improvement Program of Projects. IN FY 17-18 the Board authorized expenditures of \$97,710 towards the combined project, and in FY 18-19 the Board authorized expenditures of \$100,300.

The Project Cost Table:

		Aug-18
<b>MANHOLE AND LIFT STATION REHAB PROJECT COST ANALYSIS</b>		
Awarded Bid to SoCal Pacific		126,531.00
Awarded to THG		38,000.00
Design & Engineering	14,000.00	
Bidding	6,000.00	
Labor Compliance & CM	18,000.00	
<b>TOTAL APPROVED BY HPU D BOD May 2018</b>		<b>164,531.00</b>
<b>Additional Work Authorized by GM</b>		
County Public Works Permits		
Application Fee	85.00	
Plan Check & Inspection Fees	2,799.08	
SoCal Pacific		
Lift Station Foundation Level	2,000.00	
Additional Pipe Support	8,000.00	
Greg Bentley Electric		
Move Electrical after Leveling	543.82	
<b>TOTAL ADDITIONAL WORK AUTHORIZED BY GM</b>		<b>13,427.90</b>
<b>TOTAL PROJECT COST WITH CHANGE ORDER</b>		<b>177,958.90</b>
<b>PERCENT INCREASE OF PROJECT</b>		<b>8.16%</b>

**DISCUSSION:**

The changes outlined in change order number 1 are necessary and required to complete construction of the manhole and lift stations rehabilitation project.

- **County Application Fee and Inspection Fees: Actual Amount \$2,884.08**  
These are fees charged by the County Public Works Department, which are not included in the contractors cost. These cost are variable depending on what level of review and inspection is required to ensure the contractor is building to the County standards. If these cost were to be included in the bid, the contractor may over estimate. Regardless, I should have included the cost estimates in the project cost when presented to you in May.
- **Level the Parkyns Lift Station, and install additional brackets: Not to Exceed \$10,000.**  
During the repairs to the lift station it was noted that one side was lower than the other, which caused the pipes to be uneven, and for them to break. This was not noticed when the design was being completed, or by the contractor prior to contract award. This must be repaired so that the new pipes and brackets do not fail. This has been completed, but we do not have an actual cost. The amount not to exceed was set at \$2,000.  
After the lift station rehabilitation was completed, staff noticed a significant amount of vibration of the pipes. They expressed concern that the pipes may fail or that the brackets could break unless they have additional support. The Engineers contacted the contractor and received an estimate of \$8,000 to add an additional bracket to keep the pipe from vibrating. HPUD staff will use our vector truck to remove the sewage prior to the contractor working the lift station vault. This work has not been completed at the time of this report.
- **Additional electrical work needed at the Parkyns Lift Station: Actual Amount \$543.82.**  
Once the lift station was brought back to a level position, the electrical wiring to the panels and pumps needed to be extended. Staff called Bentley Electric and received a quote. He has completed the work, and the actual cost was less than the authorized not to exceed amount.

**CONCLUSION:**

Approval of change order number 1 is necessary and prudent. It is staff's recommendation to approve change order #1 in the amount not to exceed \$13,427.90 as presented.

Respectfully Submitted,

Laura Fischer, General Manager

Photos of Lift Station

