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# Memorandum 21-032

TO: Mayor Castner and Homer City Council

THROUGH: Rob Dumouchel, City Manager

FROM: Janette Keiser, Director of Public Works

DATE: February 9, 2021

SUBJECT: Request for Change Order for Replacement of Light Fixtures at WWTP

**Issue:** City Council adopted Ordinance 20-92 appropriating \$18,696 to retrofit lighting at the Waste Water Treatment Plant (WWTP) Campus with low energy LED bulbs. We encountered serious corrosion in the existing fixtures, which requires a change order to replace them.

## **Background:**

In the course of replacing high energy lighting in the WWTP, the contractor found that the fixtures themselves are damaged from the highly corrosive environment in the WWTP. The fixtures are original units, installed in 1990 and have been corroding for some time, but were in an inaccessible location. We are seeing most of these fixtures, up close and personal for the first time since they were installed, and never had the opportunity to notice the corrosion before.

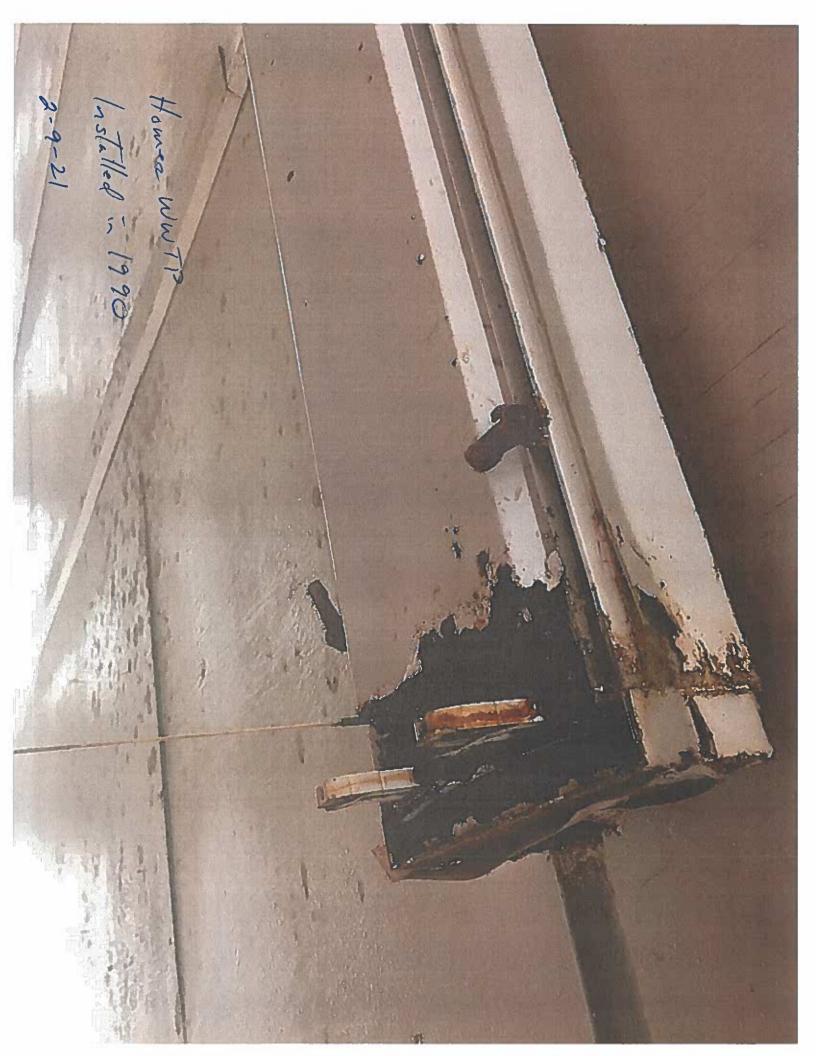
We have a quote of \$17,148 to replace the fixtures, bringing the total value to \$35,844.

#### Sewer Reserve Fund Status:

Balance as of December 31, 2020		\$1	,932,218
Allocated by Ordinance 20-57 for urgent p	orojects	\$	484,900
City's share of Seawall SAD allocated to S	ewer Reserves	\$	39,364
Allocated by Ordinance 20-92 for LED lighting at WWTP		\$	18,696
	Balance	\$1	,389,258

### **Action Recommended:**

That the City authorize an additional expenditure of \$17, 148.00 from the Sewer Water Reserve Fund for a total expenditure of \$35,844 to retrofit high energy light fixtures at the WWTP.



Liberty Electric, Inc.

PO Box 1730 Homer, AK 99603

# **Estimate**

Estimate #
1263

Name / Address	
City of Homer 491 E. Pioneer Ave. Homer, AK 99603	

				P.O. No.	Project
					Public Works
Item	Description	Qty		Cost	Total
bid item	Remove a total of 29 badly corroded lighting fixtures in Digester Room of the wastewater treatment plant and replace with HE Williams 96 Series led fixtures in vapor-tight fiberglass enclosures. Replace conduit and conductors as necessary for fixture replacement.		1	17,148.0	0 17,148.00
		s	Subtotal \$17,148		\$17,148.0
		S	Sale	s Tax (7.85%	\$0.0
		1	Γot	al	\$17,148.0

#### CARMA Sewer Reserve - Spent or obligated

	obligated	
Fund Balance thru 3/31	\$1,932,218	
Utility Financial Management	\$17,500	
Retrofit High Energy Light	\$18,696	
Beluga Lift Station	\$19,573	
Upgrade SCADA for Sewer Lif Stations	\$210,000	
Replace Deep Shaft Air Compressors	\$85,000	
Waste Water Treatment Plant - Digester Blowers	\$189,000	
Fund Balance Remaining	\$1,876,449	

