



CITY OF FERNLEY

CITY COUNCIL AGENDA REPORT

Meeting Date: June 3, 2020

REPORT TO: Mayor and City Council
REPORT THRU: Daphne Hooper, City Manager
REPORT FROM: David Whalen, Public Works Director
REVIEWED BY: Brandi Jensen, City Attorney
REVIEWED BY: Denise Lewis, City Treasurer

FINANCIAL IMPACT:

Yes: No:

CURRENTLY BUDGETED:

Yes: No:

FUND/ACCOUNT:

520-162-300

ACTION REQUESTED: Consent Ordinance Resolution Motion Receive/File

AGENDA ITEM: (Possible action) Ratify the purchase of East Lift Bar Screen Chains in the amount of \$18,116.52 from JWC Environmental & the cost for parts/labor to install the chains from JWC Environmental for \$18,574.33 (plus a 10% contingency of \$1,857).

Agenda Item Brief: Purchase of a failed chain & rake system to replace the current pretreatment system at the East List Station. The lift station handles about 70-80% of the city's sewage. The chain system assists in removal of the floating foreign objects that come through the sewer system before disposal into the lagoon pond system. Without the system floating objects are allowed to enter the lagoons in violation of our permit.

Recommended Motion:

"I move to Ratify the purchase of East Lift Bar Screen Chains in the amount of \$18,116.52 from JWC Environmental & the cost for parts/labor to install the chains from JWC Environmental for \$18,574.33 (plus a 10% contingency of \$1,857)."

Business Impact (per NRS Chapter 237):

- A Business Impact Statement is Attached.
- A Business Impact Statement is not required because this is not a rule (term excludes vehicles by which legislative powers are exercised under NRS Chapters 271, 278, 278A, or 278B).

See attached report for background, analysis, alternatives.

ALTERNATIVES:

Not repair the main pretreatment system for the sewer plant.

BACKGROUND:

The East Lift Station provides approximately 70-80% of the city's capacity for pumping sewage to the East Wastewater Treatment Plant (EWWTP). The station is equipped with two "pretreatment" systems. One system is a chain and rake that scrubs the bottom of the sewage flow and removes solids that fall out of suspension. This is referred to as the grit chamber and grit removal. The second system is a chain and rake system that removes floating foreign objects from the sewage flow. This is referred to as the bar screen. The bar screen is a JWC Environmental Product and staff contacted the company to purchase the replacement parts directly from the manufacturer. Purchase of the chains was made in March of 2020. Staff did some investigation and realized the job was too large for their equipment and expertise. Due to the COVID-19 pandemic the manufacturer was delayed quoting an approximate cost for traveling to Fernley to replace the system parts. As of May, JWC was able to provide a cost for repair (wastewater staff does not have the experience nor manpower to complete the repair in house). In order to expedite the emergency repair, the Public Works Director (PWD) gave verbal authorization to proceed on May 12th. This motion is to ratify those repair expenditures as they were above the PWD spending limit.

JWC was the only bidder. The equipment is manufactured by JWC and the chains are proprietary to JWC.

PRIOR COUNCIL ACTION

None

LEGAL IMPLICATIONS:

Nevada Statutes: NRS 332 & 338

FINANCIAL IMPLICATIONS:

The cost to purchase the chains and replace the components will be capitalized.

ATTACHMENTS:

- 1.) JWC Environmental Quote (Parts and labor)
- 2.) JWC Invoice for Chains