



CITY OF LOVELAND

WATER & POWER DEPARTMENT

200 North Wilson • Loveland, Colorado 80537

(970) 962-3000 • FAX (970) 962-3400 • TDD (970) 962-2620

AGENDA ITEM: 8

MEETING DATE: 12/14/2016

SUBMITTED BY: Brian Gandy, Special Projects Manager *TR for BG*

TITLE: Contract Amendment for Carollo Engineering for the Wastewater Treatment Plant Biological Nutrient Removal Improvements

DESCRIPTION:

This item was originally presented to LUC at the November 16, 2016 meeting. It is coming back to LUC so that the recommendation can be slightly modified to include that the City Manager can sign the change order on behalf of the City. This is a contract amendment for additional design services with Carollo Engineering related to the wastewater treatment plant improvements project.

SUMMARY:

This is a contract amendment for additional design services with Carollo Engineering related to the wastewater treatment plant improvements project. Specifically, this contract amendment is to provide additional hydraulic evaluation and design related to several hydraulic constraints identified through the design of the Biological Nutrient Removal (BNR) improvements.

These hydraulic constraints are located within the existing Aeration Lift Pump Station (ALPS) and the existing Ultraviolet (UV) disinfection system. These constraints have been identified as critical in that they would restrict plant flows and hinder the City's ability to re-rate the plant from 10-Million Gallons per Day (MGD) to 12-MGD capacity.

In addition to the hydraulic improvements, several other scope additions have been identified through the design progression including additional analysis for the RAS Anoxic Zone, CDPHE Site Application, and the evaluation and design related to the failing manhole at the head of the plant which receives all sewer flows from the City. There are sufficient funds to pay for this additional work. See attachment A and B for a detailed breakdown of the proposed scope of work and fee, respectively.

Per Municipal Code 3.12.060A and 3.12.060B, the LUC must approve Water and Power contracts above \$500,000 or any change order that causes a contract to equal or exceed \$500,000 and which, when combined with all previous change orders, equals or exceeds 20% of the original contract amount.

RECOMMENDATION:

Adopt a motion recommending that Loveland Utilities Commission approve the amendment to the contract for Design Services with Carollo Engineers in the amount of \$245,222 and increase the not-to-exceed amount to \$1,632,688 and authorize the City Manager to sign the change order on behalf of the City.

REVIEWED BY DIRECTOR: *ME for GS*

ATTACHMENTS:

- **Attachment A:** Additional Final Design Scope
- **Attachment B:** Additional Final Design Fee