

ITEM #: 21
DATE: 03-12-24
DEPT: ELEC

COUNCIL ACTION FORM

SUBJECT: COOLING TOWER BLOWDOWN SPRAY MODIFICATION - PROJECT COMPLETION

BACKGROUND:

As part of the power generation process, the Power Plant uses water cooling towers to dissipate heat. Periodically the water must be discharged from the cooling tower as mineral concentrations increase due to evaporation (a process called “blowdown”). This project installed pipe which directs the Power Plant’s cooling tower blowdown into the City’s sanitary sewer system.

On August 9, 2022, City Council awarded the contract to Keller Excavating Inc., of Boone, Iowa, in the amount of \$354,894.20, inclusive of sales tax. There was one zero dollar change order to modify the alignment of the pipe and add a new manhole structure.

All the requirements of the contract have been met by Keller Excavating Inc. and the Engineer has provided a certificate of completion. The retainage can now be released.

The approved FY 2021/22 CIP budget has a current balance of \$397,166 available for the project.

ALTERNATIVES:

1. Accept the Cooling Tower Blowdown Spray Modification project as completed by Keller Excavating Inc, Boone, IA, in the amount of \$354,894.20 (inclusive of sales tax) and release retainage.
2. Delay the completion of the project and hold the retainage.

CITY MANAGER'S RECOMMENDED ACTION:

The project has now been completed in accordance with the approved plans and specifications. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.

ATTACHMENT(S):

[Engineer statement of completion cooling tower.pdf](#)