

ITEM #: 26  
DATE: 09-24-24  
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.

The work was substantially complete in February 2024 but the contractor was required to complete a punch list of items found during a closing walk through. **All the requirements of the contract have now been met by Keller Excavating Inc. and the Engineer has provided a certificate of completion. The retainage can now be released.**

**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](#)