

**COUNCIL ACTION FORM**

**SUBJECT: REPLACEMENT OF POWER PLANT COOLING TOWERS –  
CONTRACT CHANGE ORDER NO. 3**

**BACKGROUND:**

This project is for a contractor to demolish the old Unit 7 and Unit 8 cooling towers and to supply and erect new fiberglass towers on the existing concrete basins.

On March 24, 2015, the City Council awarded a contract to Evaptech, Inc., of Lenexa, Kansas, for the Cooling Tower Replacement at a contracted cost of \$2,810,000.

**Change Order No. 3** is for \$75,671. This change order covers the additional cost of demobilization and remobilization from the site between the completion of the Unit 7 cooling tower and the start of the Unit 8 cooling tower work. This became necessary due to delays on the natural gas conversion project, which is not directly related to this project. The original contract price was based on a seamless transition of work from Unit 7 to Unit 8 with project completion by December 1, 2015. The revised schedule requires work over the Christmas period with completion by mid-January 2016.

Two change orders have previously been issued for this project. Change Order No. 1 for \$14,300 was for EvapTech to provide the casing, louver panels, and fan stacks in beige color for Unit 7 & 8 Cooling Towers. Change Order No. 2 for \$10,000 was to cover basin concrete repairs. The total cost of both change orders was \$24,300.

The Engineer's original cost estimate for this project was \$3,485,000. After receiving the Evaptech bid and adding in these three change orders, the total contract cost will be \$2,909,971. The Council-approved Capital Improvements Plan has a total of \$4,000,000 for this project.

**ALTERNATIVES:**

1. Approve contract Change Order No. 3 with EvapTech, Inc., Lenexa, Kansas, for the Cooling Tower Replacement project in the amount of \$75,671.
2. Reject contract Change Order No. 3 which will result in project cancellation and the payment of costs already incurred by Evaptech for engineering and material.

**MANAGER'S RECOMMENDED ACTION:**

Multiple outside evaluations have confirmed that this project is necessary to restore the integrity and efficiency of the Power Plant's cooling towers. If the cooling towers are not

replaced this coming year, the risks of catastrophic failure will increase significantly. Should that happen, electricity production would stop.

This Change Order is required because of the nearly 2-month delay in the construction of the Control Room addition. As a result, the start of the Unit #8 conversion has also been delayed by nearly 2 months. To have Evaptech demobilize their crew and re-mobilize when the City is ready to start the unit #8 cooling tower project was more cost effective than keeping them onsite.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as stated above.