

**COUNCIL ACTION FORM**

**SUBJECT: CONTINUOUS EMISSIONS MONITORING SYSTEM REPLACEMENT**

**BACKGROUND:**

This project is for replacement of the continuous emissions monitoring system (CEMS) and the Continuous Opacity Monitoring System (COMS) used on Units #7 and #8 boilers. Both systems provide continuous relative data for specific emissions required by the state issued operating permit. The current systems are outdated and it is becoming very difficult to find spare parts and maintain reliability as more and more parts become obsolete. A complete system change-out is needed.

The Engineer's estimate of the cost of this project is \$560,000.

The proposed 2018/19 Capital Improvements Plan includes \$500,000 for the materials and installation for the Continuous Emissions Monitoring System Replacement. The additional funds, if needed once a bidder is selected, will come from the Power Plant Operation and Maintenance budget.

**ALTERNATIVES:**

1. Approve the preliminary plans and specifications for the Continuous Emissions Monitoring System Replacement, set April 26, 2018, as the bid due date and May 8, 2018, as the date of hearing and award of contract.
2. Do not approve which would delay this critical replacement.

**MANAGER'S RECOMMENDED ACTION:**

This project will allow the Power Plant to replace the current CEMS and COMS. It is crucial to perform this work in order to maintain compliance with the Steam Electric Plant's operating permit and maintain reliability.

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