

COUNCIL ACTION FORM

**SUBJECT: POWER PLANT FIRE RISK MITIGATION CONTRACT – CHANGE ORDER
NO. 1**

BACKGROUND:

This contract allows the Power Plant to engage an engineering firm with fire protection expertise, or alternately a fire protection firm, to act as the Owner's Engineer/ Designer/Representative for various fire risk mitigation studies, for the preparation of specific fire system and installation design and specifications, and for fire system installation management, inspection and testing.

The scope of work requires the engineering firm to (1) be the engineer for the areas listed above, (2) develop plans and specifications, (3) provide detailed cost estimates, (4) provide lists of potential bidders, (5) evaluate contractors, (6) carry out contract management, and (7) perform field installation administration as needed, required, and requested for each project. **The selected engineering firm is not allowed to bid on any part of the actual fire protection system installation.**

The City has a current contract with Burns & McDonnell, Chesterfield, MO, for the Professional Services for Fire Risk Mitigation in a not-to-exceed amount of \$50,000. The proposed change order will be Change Order No. 1. This change order will add an additional \$17,500 to the current contract for FY2014/15. This will bring the total contract amount to \$67,500. **These additional funds are needed to maintain progress for the design of the new code compliant fire protection system on Gas Turbine 1 (GT1). The existing systems were not up to current standards and parts were damaged during last year's catastrophic engine failure.** The change order is needed to have the plans & specifications engineered and out for bid so that critical water connections can be made before winter.

This project last was reflected in FY 2013/14 Capital Improvements Plan in the Power Plant Fire Protection System Project. There is currently \$723,522 earmarked in the FY2014/15 final budget amendments to cover this contract.

ALTERNATIVES:

1. Approve contract Change Order No. 1 to Burns & McDonnell in the not-to-exceed amount of \$17,500. This will bring the total FY2014/2015 contract limit to the not-to-exceed amount of \$67,500.
2. Reject contract Change Order No. 1 and allow the funds for these services to be exhausted.

MANAGER'S RECOMMENDED ACTION:

This change order is necessary to continue work in this fiscal year that is needed for fire risk mitigation (fire detection, alarm, & suppression) to GT1. If engineering is delayed, the fire protection systems will not be operable when the engine replacement is installed. It is cost-effective for the Power Plant to have a company under contract to provide these services because of their specialized knowledge of current National Fire Protection Association (NFPA) code requirements and of mitigation equipment currently utilized in this industry.

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