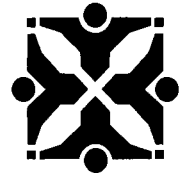


City of Columbia

701 East Broadway, Columbia, Missouri 65201



Agenda Item Number: REP 89-15

Department Source: Water & Light

To: City Council

From: City Manager & Staff

Council Meeting Date: 9/8/2015

Re: Administrative Public Improvement Project: Remodeling Control Room at the Municipal Power Plant

Documents Included With This Agenda Item

Council Memo, Administrative Public Improvement Project Report

Supporting documentation includes: None

Executive Summary

The public improvement project on the attached form is eligible for the administrative public improvement process. Unless the Council wishes to follow the standard public improvement process, staff will proceed with preparing plans and specifications and bidding the project for modifications to the existing control room at the Municipal Power Plant. These modification are required for Water & Light to be compliant with new NERC Critical Infrastructure Projection (CIP) standards, which become effective on April 1, 2016

Discussion

The existing control room at the Municipal Power Plant (MPP) serves two functions: 1) controlling power production activities on-site and 2) serving as back-up control center for NERC regulated Balancing Authority Operations. Water & Light's primary control center for Balancing Authority Operations is located at the Daniel Boone Building. NERC regulations require that an entity have fully operational and functional primary and back-up control centers.

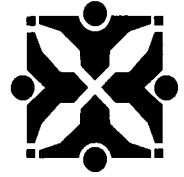
In order to be compliant with new NERC Critical Infrastructure Projection (CIP) standards which become effective on April 1, 2016, modifications to the existing MPP control room are required. The CIP standards require enhanced physical and electronic security of key systems that control Water & Light's portion of the Bulk Electric System – namely key substations and transmission lines.

The project will separate the NERC regulated functions from the power production functions and create work spaces for both, resulting in a control room for power production activities and a CIP compliant physical and electrical secure control center and data room for NERC regulated functions. Incidental structural, mechanical, and electrical upgrades will be completed as well. The estimated cost of the project is \$450,000.

An interested parties meeting was held on August 13, 2015. There were no attendees to this meeting. No comments were received for this project, which is completely contained within the

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Municipal Power Plant.

Fiscal Impact

Short-Term Impact: The estimated cost of the project, \$450,000 has already been budgeted and appropriated through the Capital Improvement Plan project EL0190.

Long-Term Impact: None

Vision, Strategic & Comprehensive Plan Impact

Vision Impact: Not Applicable

Strategic Plan Impact: Infrastructure

Comprehensive Plan Impact: Infrastructure


Suggested Council Action

No action required unless the Council wishes to direct the City Manager to follow the Standard Public Improvement Process for this project.

Legislative History

None


Department Approved


City Manager Approved

ADMINISTRATIVE PUBLIC IMPROVEMENT PROJECT

Project name and brief description: Remodeling of Control Room at the Municipal Power Plant. Modifications to the existing control room at the Municipal Power Plant are required for Water & Light to be compliant with new NERC Critical Infrastructure Projection (CIP) standards, which become effective on April 1, 2016

Department: Water and Light

Estimated cost: \$450,000

Funding source: Project funding has already been budgeted and appropriated through the Capital Improvement Plan project EL0190.

Project meets the following criterion (check one):

- ☐ Construction, upgrade or relocation of electric distribution lines less than sixty-nine (69) KV that is estimated to cost less than one million dollars (\$1,000,000.00).
- ☒ Water and electric production facility expansion projects estimated to cost less than five hundred thousand dollars (\$500,000.00).
- ☐ Sanitary sewer projects estimated to cost less than one hundred fifty thousand dollars (\$150,000.00).
- ☐ Storm water utility public improvement projects estimated to cost less than one hundred fifty thousand dollars (\$150,000.00).
- ☐ Any project estimated to cost less than fifty thousand dollars (\$50,000.00).

No tax bills will be issued for the project.

Project does not require exercise of power of eminent domain.

IP meeting held on August 13, 2015

Attendance: None

Result: No Comments were submitted

Other contacts: Project completely contained within the Municipal Power Plant

Note: IP meetings are not required for ordinary maintenance of public improvements or for projects where there are no obvious interested parties.

Submitted by: Karl G. Gorman Approved: _____
Department Head City Manager