



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Sustainability

To: City Council

From: City Manager & Staff

Council Meeting Date: March 18, 2024

Re: Authorizing the City Manager to pursue grant funding from the Missouri Department of Natural Resources for improvements at the Armory Sports and Recreation Center.

Executive Summary

Staff has prepared for Council consideration a resolution authorizing the City Manager to submit a letter of commitment to the Missouri Department of Natural Resources' grant application to the U.S. Environmental Protection Agency. The funding would go to energy efficiency and renewable energy projects at the Armory Sports and Recreation Center.

Discussion

The Department of Natural Resources is Missouri's lead implementation phase applicant to the U.S. Environmental Protection Agency's Climate Pollution Reduction Grant (CPRG). The City of Columbia participated as a sub-grantee in the CPRG planning phase and solicited project ideas from internal and external stakeholders.

The City of Columbia Public Works Department is responsible for the maintenance of the Armory Sports and Recreation Center (Armory) and had begun assessment of the HVAC replacement and renewable energy options at the time of the CPRG project idea solicitation. As a result, the City of Columbia submitted a project idea to replace the HVAC and install photovoltaic panels to offset electricity use at the Armory.

The project has the potential to significantly reduce the overall energy use at the Armory and offset a portion of the electricity used with local renewable energy. In addition to the environmental impacts, this project can reduce the energy related operational costs to the Parks and Recreation Department and improve occupant comfort.

The Missouri Department of Natural Resources has indicated a 50% funding assistance level for this project. The project cost estimate is \$3,400,000 and the City's match will be from ~\$400,000 in currently allocated project funds with the remainder coming from General Fund Reserves. The City anticipates up to 50% of its project costs will be eligible for reimbursement through the U.S. Department of Treasury's elective pay program.

Fiscal Impact

Short-Term Impact: Total funding for the City's Match is anticipated to be \$1,700,000 for the project with the likelihood of up to 50% of this to be repaid through U.S. Department of Treasury's elective pay program. An ordinance for appropriation will come forward at a later date.



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Long-Term Impact: Significant operational cost savings are expected over the life of the HVAC and PV projects.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Reliable and Sustainable Infrastructure, Secondary Impact: Organizational Excellence, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Environmental Management, Secondary Impact: Infrastructure, Tertiary Impact: Tertiary

Legislative History

Date	Action
10/16/2023	R156-23 Authorizing application to the Missouri Department of Natural Resources - Air Pollution Control Program for a climate pollution reduction municipal outreach subgrant. https://gocolumbiamo.legistar.com/LegislationDetail.aspx?ID=6380733&GUID=D47EB9D4-EBFE-49AC-A47D-B93C4C32453F&Options=ID Text &Search=Climate+Pollution

Suggested Council Action

Approval of the resolution.