



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: July 17, 2017

Re: Authorize a Professional Engineering Services Agreement and Appropriating Funds for the Reconstruction of Taxiway C, C1 and C2 at the Columbia Regional Airport

Executive Summary

Authorizing the City Manager to execute a professional engineering services agreement with Burns & McDonnell Engineering Company, and appropriating funds, for construction phase services related to the reconstruction of approximately 2,660' x 35' of Taxiway C, C1 and C2 at the Columbia Regional Airport. This project is eligible for 90% reimbursement by the Federal Aviation Administration (FAA). A public hearing was held on April 17, 2017.

Discussion

On April 17, 2017 Council authorized a bid call through the Purchasing division for the reconstruction of approximately 2,660' x 35' of Taxiway C, including geometric enhancements to Taxiway C1 and reconstruction of Taxiway C2. This improvement project will abut Runway 13-31, which is currently under construction to lengthen and widen the runway to 5,500' x 100'. The construction of these two projects will achieve a runway to taxiway centerline separation of 400' as required by the FAA. The low bid came from Emery Sapp & Sons in the amount of \$2,543,452.00, and will be eligible for 90% reimbursement from the FAA. The project will be constructed this summer.

Staff is requesting that Council authorize the City Manager to execute a professional engineering services agreement with Burns & McDonnell Engineering Company to perform construction phase services related to the reconstruction of the Taxiway C project, in the amount of \$399,622.00. This amount will be eligible for 90% reimbursement from the FAA.

The total project cost for the reconstruction of Taxiway C, geometric enhancement to Taxiway C1 and reconstruction of Taxiway C2 is \$3,273,264.00. This amount includes engineering design and construction phase services, independent cost analysis, miscellaneous administrative fees, development of a pavement management program and construction costs. The project is eligible for 90% reimbursement, or \$2,945,938.00, from the FAA. The City's 10% local match of \$327,326.00 will be paid from Transportation Sales Tax. A portion of these funds were previously appropriated to the project account for engineering design services and development of a pavement management program.

With this legislation, staff is requesting an appropriation of \$2,659,040.00 from the Federal Contributions account and \$295,449.00 from Transportation Sales Tax to the project account.



Fiscal Impact

Short-Term Impact: The total project cost is \$3,273,264.00, which is eligible for 90% reimbursement, or \$2,945,938.00, from the FAA. The City's 10% local match of \$327,326.00 will be paid from Transportation Sales Tax. Funds in the amount of \$318,775.00 were previously appropriated to the project account for engineering design phase services and development of a pavement management program. Staff is appropriating the remaining \$2,954,489.00 needed for construction phase services.

Long-Term Impact: None

Vision & Strategic Plan Impact

Vision Impacts:

Primary Impact: Transportation, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Legislative History

Date	Action
02/06/2017	R12-17 Authorizing a professional engineering services agreement with Burns & McDonnell Engineering Company, Inc. relating to the reconstruction of Taxiway C (west of Taxiway A) and development of a pavement management program at COU.
02/20/2017	B28-17 Appropriating FAA grant funds and Transportation Sales Tax funds for engineering design services related to reconstruction of Taxiway C, and development of a pavement management program.
03/20/2017	R33-17 Setting a public hearing for April 17, 2017 relating to the reconstruction of Taxiway C at the Columbia Regional Airport.
04/17/2017	B101-17 Authorizing the reconstruction of Taxiway C, and calling for bids through the Purchasing Division



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Suggested Council Action

Authorize a professional engineering services agreement with Burns & McDonnell Engineering Company, and appropriating funds, for construction phase services related to the reconstruction of approximately 2,660' x 35' of Taxiway C, geometric enhancements to Taxiway C1 and reconstruction of Taxiway C2 at the Columbia Regional Airport.