



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: February 6, 2017

Re: Authorizing a Professional Engineering Services Agreement with Burns & McDonnell Engineering Company for Design Services related to the Construction of Taxiway C and Development of a Pavement Management Program at the Columbia Regional Airport

Executive Summary

Authorizing the City Manager to execute a professional engineering services agreement with Burns & McDonnell Engineering Company for design services related to the reconstruction of approximately 2,800' by 35' of Taxiway C, and the development of a Pavement Management Program at the Columbia Regional Airport. The agreement is for a not to exceed amount of \$318,775.00 and is eligible for 90% reimbursement by the Federal Aviation Administration (FAA). The City is responsible for a 10% local match to be paid from Transportation Sales Tax funds.

Discussion

Staff is requesting Council authorize the City Manager to execute a professional engineering services agreement with Burns & McDonnell Engineering Company for design services related to the reconstruction of approximately 2,800' by 35' of Taxiway C at the Columbia Regional Airport. 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 Taxiway C project was originally planned and budgeted for design and construction in FY2020; however, the FAA recently notified staff that funding is available for design services to be completed in FY2017 and construction in FY2018.

This agreement also includes development of a Pavement Management Program. The work will include the determination of a Pavement Condition Index (PCI) and providing a Pavement Management System Study, (PMS) for airfield movement areas at the Columbia Regional Airport.

The agreement with Burns & McDonnell is for a not to exceed amount of \$318,775.00, and is eligible for 90% reimbursement by the FAA. The City's 10% match will be paid from Transportation Sales Tax funds.

Fiscal Impact

Short-Term Impact: The agreement with Burns & McDonnell Engineering is for a not to exceed amount of \$318,775.00. The FAA will reimburse the City 90%, or \$286,897.50. The City's 10% match is \$31,877.50 and is paid from Transportation Sales Tax funds.



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Long-Term Impact: The estimated construction cost for Taxiway C is \$2,832,630 and is anticipated to be constructed in FY2018. The FAA will reimburse the City 90% or \$2,549,367.00.

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
	None

Suggested Council Action

Authorize the City Manager to execute a professional engineering services agreement with Burns & McDonnell Engineering Company for design services related to the reconstruction of approximately 2,800' by 35' of Taxiway C, and for development of a Pavement Management Program at the Columbia Regional Airport.