

## A G E N D A



## Recommendation for Council Action (CCO)

Austin City Council

Item ID:

55906

Agenda Number

12.

Meeting Date:

March 31, 2016

Department:

Capital Contracting Office

## Subject

Authorize negotiation and execution of an amendment to the professional services agreement with AECOM TECHNICAL SERVICES, INC., for engineering services for the ABIA electronic Airport Layout Plan and Utility Mapping project in a not to exceed amount of \$900,000, for a total contract amount not to exceed \$1,404,273.

## Amount and Source of Funding

Funding is available in the Fiscal Year 2015-2016 Capital Budget of the Aviation Department.

## Fiscal Note

A fiscal note is attached.

**Purchasing Language:**

Original contract was awarded to AECOM Technical Services, Inc. on August 22, 2013 through a qualification-based selection process.

**Prior Council Action:**

August 22, 2013 – Council authorized negotiation and execution of a professional services contract with AECOM Technical Services, Inc.

**For More Information:**

Rohini Kumarage, 512-530-7547; Rolando Fernandez, 512-974-7749; Sarah Torchin, 512-974-7141.

**Boards and Commission Action:**

March 8, 2016 - Recommended by the Airport Advisory Commission with a vote of 6-3 with Commission Members Black, Rodriguez and Sepulveda absent.

**Related Items:**

**MBE/WBE:**

This contract was awarded in compliance with the requirements of 49 CFR Part 26 (Disadvantaged Business Enterprise Program) by meeting the goals with 20.00% DBE participation.

## Additional Backup Information

In March, the Federal Aviation Administration (FAA) issued Advisory Circular 150/5300-18, *General Guidance and Specifications for Submission of Aeronautical Surveys to NGS: Field Data Collection and Geographic Information System (GIS) Standards*. The Advisory Circular requires airports and their consultants to collect project as-built data in the National Spatial Reference System. It also calls for airports and consultants to submit airport planning and as-built data in a specified data schema for review and approval by the FAA and/or National Geodetic Survey for safety critical data. The City of Austin initiated the ABIA electronic Airport Layout Plan and Utility Mapping Project to develop and implement a plan to ensure ABIA compliance with FAA guidance and requirements.

On August 22, 2013, Council authorized negotiation and execution of a professional services contract with AECOM Technical Services, Inc. (AECOM) for phase I implementation of ABIA's electronic Airport Layout Plan and to provide engineering services for the ABIA eALP and Utility Mapping Project.

Under Phase I of the project, ABIA and AECOM completed the basic requirements to develop a modified FAA AGIS Mapping Database that included Safety Critical Survey Data that was approved by the FAA and National Geodetic Survey on June 26, 2015. Additional planimetric data was also collected and submitted to the FAA AGIS system and approved on September 1, 2015.

ABIA was constructed on a decommissioned Air Force base; therefore, Air Force utilities have been abandoned in place and/or modified throughout the years. In addition, new utilities were constructed as a part of the original ABIA construction and throughout the years on numerous projects. Under Phase I AECOM verified active and inactive utilities through as-built information provided by ABIA, ground survey, and updated CAD drawings for the airport.

The purpose of this Recommendation for Council Action is to request approval to implement Phase II of the Project. Phase II will provide ABIA an outline to satisfy FAA AGIS electronic Airport Layout Plan requirements and FAA SOP ALP 2.0 checklist requirements. Under Phase II, AECOM will complete FAA outlined requirements within the ABIA planning document to have a complete database that will be submitted to FAA Airports GIS program. An Airspace Obstruction Analysis will be completed for all runways at the airport to finish out the safety critical portion of the project for the FAA. The data that is not available from aerial photography will be collected such as parcel information, land use data, noise contours, and others to have a full mapping database used to create new Airport Layout Plan sheets for the airport.

The project will provide a new set of drawings based on Phase I & II efforts, which will have all the existing facilities identified for the upcoming Master Plan Update effort that is slated to begin in 2017. The future phase of the project is to continue utility surveying on the northern portions of the airport property and define newly designated utility corridors throughout the airport.

This amendment has been approved by the City's Change Control Committee. The Change Control Committee was established to comply with Council Resolution No. 20120126-048, which required the establishment of consistent criteria and process to evaluate contractual changes for all contracts administered by the Capital Contracting Office. The Change Control Committee is comprised of management-level subject matter experts.