

## CIP EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:  
CONTACT DEPARTMENT(S):

8/22/13  
Aviation

**SUBJECT:** Authorize negotiation and execution of a professional services agreement with AECOM TECHNICAL SERVICES, INC., (staff recommendation) or one of the other qualified responders to RFQ Solicitation CLMP129, to provide engineering services for the ABIA eALP and Utility Mapping project in an amount not to exceed \$450,000.

Funding is available in the Fiscal Year 2012-2013 Capital Budget of the Aviation Department.

### CURRENT YEAR IMPACT:

<b>Department:</b>	<b>Aviation</b>
<b>Project Name:</b>	Gis-Electronic Airport Layout Plan
<b>Fund/Department/Unit:</b>	4910-8107-3242
	Department of Aviation
<b>Funding Source:</b>	Airport Capital Fund
<b>Current Appropriation:</b>	300,000.00
<b>Unencumbered Balance:</b>	450,000.00
<b>Amount of This Action:</b>	(450,000.00)
<b>Remaining Balance:</b>	<u>0.00</u>
 <b>Total Amount of this Action</b>	 <u><u>450,000.00</u></u>

### ANALYSIS / ADDITIONAL INFORMATION:

**Objective 1:** In March 2006 the FAA issued Advisory Circular (AC) 150/5300-18, *General Guidance and Specifications for Submission of Aeronautical Surveys to NGS: Field Data Collection and Geographic Information System (GIS) Standards*. The AC requires airports and their consultants to collect project as-built data in the National Spatial Reference System (NSRS). 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 (NGS) for safety critical data. The scope of work for this objective includes the following:

1. Review the existing Airport Layout Plan and other existing data, as well as meet with stakeholders, to determine what is available and appropriate for use.
2. Develop a master plan for executing ABIA's eALP, including phasing as determined to completely meet FAA requirements.
3. Select a small portion of the master plan work to implement as a test case to ensure that the master plan is adequate to provide as the basis for future phases and to serve as an example/guide to consultants working on stand-alone ABIA projects.

This scope of work constitutes phase 1 of ABIA's eALP implementation. The selected consultant for this work will not automatically do further phases, nor will they be excluded from possible participation.

# CIP EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:  
CONTACT DEPARTMENT(S):

8/22/13  
Aviation

Objective 2: ABIA was constructed on a decommissioned Air Force Base. Air Force utilities have been abandoned in place, added onto, and/or modified throughout the years. In addition, new utilities were constructed both as a part of original ABIA construction and throughout the years on numerous projects. The scope of work for this objective includes the following:

1. Verify active existing utilities.
2. Develop a recommended sequencing plan for demolition and/or abandonment-in-place of inactive utilities, to be implemented by ABIA and its consultant(s) at a future time.
3. Update CADD drawings to identify active water, wastewater, electrical, gas, and communications.

The selected consultant for this work will not automatically execute the sequencing plan for demolition and/or abandonment-in-place, nor will they be excluded from possible participation.

## **ANTICIPATED SERVICES:**

Anticipated services shall include the following:

- Professional engineering services to oversee all aspects of objectives 1 and 2, including familiarity and experience with FAA requirements with regards to preparation of an eALP.
- GIS services, including the availability of field personnel to obtain and record observations and data.
- CADD services.
- Sub-surface Utilities (SUE) services, or the oversight of a City of Austin SUE rotation list provider.

On-site (field) staff will require unescorted access into restricted areas of the airport and thus will be required to submit to a fingerprint-based ten-year criminal history records check (CHRC) and Security Threat Assessment (STA). If the process confirms no disqualifying criminal offenses, the Department of Aviation (DOA) Security and ID Office will issue a security access badge for the duration of and sole use for the project.

This request allows for the development of a professional services agreement with the staff recommendation or another qualified responder that Council selects. If the City is unsuccessful in negotiating a satisfactory agreement with the selected responder, negotiations will cease with that provider. Staff will return to Council so that Council may select another qualified responder and authorize contract negotiations with this provider.

Participation subgoals stated in the solicitation were 9.89% DBE. The recommended firm provided a DBE Compliance Plan that met the goals of the solicitation and was approved by the Small and Minority Business Resources Department. The alternate firm provided a DBE Compliance Plan that met the goals of the solicitation and was approved by the Small and Minority Business Resources Department.

Notification of issuance of a Request for Qualifications (RFQ) for the subject services was sent to 1152 firms

# CIP EXPENSE DETAIL

**DATE OF COUNCIL CONSIDERATION:**  
**CONTACT DEPARTMENT(S):**

8/22/13  
Aviation

on February 28, 2013. The RFQ was obtained by 99 firms and 6 submitted qualification statements. None of the firms were certified DBE firms.

**RECOMMENDED FIRM:** AECOM TECHNICAL SERVICES, INC.

**ALTERNATE FIRM:** JACOBS ENGINEERING GROUP, INC.

AECOM Technical Services, Inc., is located in Austin, TX.

## **DBE Summary**

Participation goal stated in the solicitation was **9.89%** DBE. The recommended firm provided a DBE Compliance Plan that met the goals of the solicitation and was approved by the Small and Minority Business Resources Department.

**RECOMMENDED FIRM:** AECOM Technical Services, Inc., Austin, TX – Total Participation:

<b><u>NON DBE TOTAL – PRIME</u></b>	<b><u>73.00%</u></b>
AECOM Technical Services, Inc., Austin, TX	73.00%
<b><u>DBE TOTAL – SUBCONSULTANTS</u></b>	<b><u>20.00%</u></b>
(FH) Macias & Associates LP, Austin, TX (drafting services, surveying, CAD services, utility locator services, temporary land surveying personnel)	10.00%
(FH) Cadd Studio, Inc., Round Rock, TX (CAD services, mapping services, research services)	10.00%
<b><u>NON-DBE TOTAL – SUBCONSULTANTS</u></b>	<b><u>7.00%</u></b>
Cardno TBE, Round Rock, TX (CAD services, mapping services, research services)	5.00%
Aero-Metric, Inc., Eau Clair, MI (aerial photogrammetry services, aerial photography, surveying)	2.00%

**ALTERNATE FIRM:** Jacobs Engineering Group, Inc., Austin, TX – Total Participation:

<b><u>NON DBE TOTAL – PRIME</u></b>	<b><u>64.44%</u></b>
Jacobs Engineering Group, Inc., Austin, TX	64.44%
<b><u>DBE TOTAL – SUBCONSULTANTS</u></b>	<b><u>20.00%</u></b>
(FH) Macias & Associates LP, Austin, TX (utility locator service, surveying)	15.56%
(FH) Cadd Studio, Inc., Round Rock, TX (CAD services)	4.44%
<b><u>NON-DBE TOTAL – SUBCONSULTANTS</u></b>	<b><u>15.56%</u></b>
Cardno TBE, Round Rock, TX (engineering consulting, civil engineering, land development and planning)	11.11%
McWade Airport and Airspace Planning, LLC, Fort Worth, TX (engineering consulting, geographic information systems)	4.45%