CIP
EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION: 6/27/13
CONTACT DEPARTMENT(S): Aviation

SUBJECT: Authorize negotiation and execution of a professional services agreement with BROWN & GAY ENGINEERS, INC., (staff recommendation) or one of the other qualified responders to RFQ Solicitation No. CLMP127, to provide engineering services for the ABIA Stormwater Drainage Improvements in an amount not to exceed $2,500,000.00.

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

CURRENT YEAR IMPACT:

Department:	**Aviation**
Project Name:	Stormwater Drainage Improvements
Fund/Department/Unit:	4910-8107-3248 Department of Aviation
Funding Source:	Airport Capital Fund
Current Appropriation:	2,000,000.00
Unencumbered Balance:	2,590,247.00
Amount of This Action:	(2,500,000.00)
	90,247.00
Total Amount of this Action	2,500,000.00

ANALYSIS / ADDITIONAL INFORMATION:
Environmental and engineering services are needed at ABIA to address stormwater drainage areas, infrastructure in need of maintenance, and improvements to better facilitate stormwater drainage, reduce potential impacts on the receiving water bodies, and ensure environmental compliance. ABIA's stormwater drainage areas and infrastructure has been studied and improvements have been identified in the Stormwater Drainage Master Plan. Major improvements are needed at two of ABIA's major outfalls to Onion Creek in which stormwater has caused significant erosion immediately downstream. In addition, several of ABIA's water quality ponds and associated features need to be reconditioned to ensure functionality. Additional drainage areas and features have been identified that need repairs, maintenance, and improvements. Some of the issues identified in these areas include high velocity flow, erosion, damaged infrastructure, insufficient drainage, inoperable gates and pumps, accumulated sediment, and poor grading.

The selected firm will provide:

- A Preliminary Engineering Report, Construction Documents and Bidding and phased Construction services as determined during design.
- Professional engineering services during the above deliverables to oversee all aspects of engineering design, including installation of and repairs to stormwater outfalls, ponds, and other infrastructure (concrete and metal work), earth work, mechanical and electrical work (gate and pump repairs), sediment/sand removal, hydrologic and hydraulic modeling, and waste/material management.
- GIS services, including the availability of field personnel to obtain and record observations and data.
- CADD services.

This request allows for the development of a professional services agreement with the 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 1.90% African American; 9.00% Hispanic; 4.90% Native/Asian; 15.80% WBE. The recommended firm provided a MBE/WBE 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 MBE/WBE Compliance Plan that met the goals of the solicitation and was approved by the Small and Minority Business Resources Department.

CIP
EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION: 6/27/13
CONTACT DEPARTMENT(S): Aviation

Notification of issuance of a Request for Qualifications (RFQ) for the subject services was sent to 1081 firms on February 26, 2013. The RFQ was obtained by 119 firms and 6 submitted qualification statements. Two of the firms were certified MBE/WBE firms.

Brown & Gay is located in Austin, TX.

RECOMMENDED FIRM: BROWN & GAY ENGINEERS, INC.

ALTERNATE FIRM: CAS CONSULTING & SERVICES, INC.

M/WBE Summary

Participation subgoals stated in the solicitation were **1.90%** African American; **9.00%** Hispanic; **4.90%** Native/Asian American; **15.80%** WBE. The recommended firm provided a MBE/WBE Compliance Plan that met the goals of the solicitation and was approved by the Small and Minority Business Resources Department.

RECOMMENDED FIRM: Brown & Gay Engineers, Inc., Austin, TX – Total Participation:

NON M/WBE TOTAL – PRIME	64.70%
Brown & Gay Engineers, Inc., Austin, TX	64.70%
MBE TOTAL – SUBCONSULTANTS	15.80%
African American Subtotal	1.90%
(MB) HVJ Associates, Inc., Austin, TX (geo soils, boring & drilling, civil engineering)	1.90%
Hispanic Subtotal	9.00%
(MH) Crespo Consulting Services, Inc., Austin, TX (civil engineering, hydrologic services)	9.00%
Native/Asian American Subtotal	4.90%
(MA) Encotech Engineering Consultants, Austin, TX (mechanical engineering, structural engineering)	4.90%
WBE TOTAL – SUBCONSULTANTS	16.00%
(FW) Baer Engineering and Environmental Consulting, Inc., Austin, TX (environmental consulting, environmental engineering, permitting services)	7.00%
(FW) Harutunian Engineering, Inc., Austin, TX (instrumentation/engineering, electrical engineering)	1.00%
(FW) McGray & McGray Land Surveyors, Inc., Austin, TX (surveying services, GPS)	3.00%
(FW) Miller Blueprint, Austin, TX (copying services)	0.50%
(FW) Sunland Group, Inc., Austin, TX (civil engineering, drainage engineering, designing, cost estimating, project scheduling)	4.50%
NON M/WBE TOTAL – SUBCONSULTANTS	3.50%
GeoSolutions, Inc., Austin, TX (civil engineering, drainage engineering, erosion control services)	3.50%

CIP
EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION: 6/27/13
CONTACT DEPARTMENT(S): Aviation

ALTERNATE FIRM: CAS Consulting & Services, Inc., Austin, TX – Total Participation:

MBE TOTAL – PRIME	51.10%
(MA) CAS Consulting & Services, Inc., Austin, TX	51.10%
MBE TOTAL – SUBCONSULTANTS	19.90%
African American Subtotal	2.00%
(FB) Carter Design Associates, Inc., Austin, TX (drafting services)	2.00%
Hispanic Subtotal	13.00%
(MH) Crespo Consulting Services, Inc., Austin, TX (drainage engineering, civil engineering, environmental engineering, flood control services, hydrological services)	5.00%
(FH) Kurkjian Engineering Corporation, Austin, TX (civil engineering)	5.00%
(FH) Macias & Associates, LP, Austin, TX (land surveying, utility locator services, surveying)	3.00%
Native/Asian American Subtotal	4.90%
(MA) Encotech Engineering Consultants, Inc., Austin, TX (structural engineering)	4.90%
WBE TOTAL – SUBCONSULTANTS	19.00%
(FW) Axiom, Austin, TX (permitting services, site assessment, drainage engineering)	10.00%
(FW) Baer Engineering & Environmental Consulting, Austin, TX (environmental consulting, environmental impact studies, environmental engineering)	5.00%
(FW) Holt Engineering, Inc., Austin, TX (geo-soils, testing, hydrologic studies, lab & field testing)	4.00%
NON M/WBE TOTAL – SUBCONSULTANTS	10.00%
CDM Smith, Austin, TX (consulting services, professional engineering services)	10.00%