

AGENDA



Recommendation for Council Action

AUSTIN CITY COUNCIL

Regular Meeting : February 15, 2018

Item Number: 009

Capital Contracting Office

Authorize negotiation and execution of a professional services agreement with the following six staff recommended firms (or other qualified responders) for Request for Qualifications Solicitation No. CLMP236: Terracon Consultants, Inc., Raba Kistner Consultants, Inc., HVJ South Central Texas - M&J (DBE/MA), Inc., Kleinfelder, Inc., Rodriguez Engineering Laboratories LLC (DBE/MH), and Fugro USA Land, Inc., for engineering services for the ABIA Construction Materials, Geotechnical and Forensic Engineering Services Rotation List, for an estimated period of four years, or until financial authorization is expended, with the total amount not to exceed \$15,000,000 divided among the six firms. [Note: This contract will be awarded in compliance with the Disadvantaged Business Enterprise (DBE) Program requirements (49 CFR Part 26) by meeting the goals with 13.42% DBE participation.]

District(s) Affected: District 2

Lead Department	Capital Contracting Office <u>Managing Department(s)</u> Department of Aviation
Fiscal Note	Funding is available in the Fiscal Year 2017-2018 Capital Budget of the Department of Aviation.
Purchasing Language	Staff recommendation is selection of the six most qualified firms out of nine firms evaluated through the City's qualification-based selection process.
For More Information	Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov. NOTE: Respondents to this solicitation, and their representatives, shall direct inquiries to Rolando Fernandez, 512-974-7749, Aiden

	Cohen, 512-974-1929, or the Project Manager, Robert Mercado, 512-530-2515.
Council Committee, Boards and Commission Action	To be reviewed by the Airport Advisory Commission on February 13, 2018.

Additional Backup Information:

Since the opening of Austin-Bergstrom International Airport in 1999, there has been significant growth in the region and large increases in both domestic and international air service. The number of flights, passengers, and cargo has grown rapidly over the past few years at an annual 10%, 11% and nearly 12% growth rate. This growth in demand has necessitated significant investments in infrastructure projects to meet the region's current and expected airline service needs. The Airport's capital improvement plan anticipates approximately \$850M of spending for new projects through fiscal year 2022. These future projects will require substantial geotechnical, steel, concrete, and other materials testing services prior to, during, and potentially after construction.

The total funding authority for the Austin-Bergstrom International Airport Construction Materials, Geotechnical and Forensic Engineering Services Rotation List is \$15,000,000 with the authority for each of the six recommended firms to be approximately \$2,500,000.

The recommended firms can provide professional services for the following:

Construction Materials Testing

The City anticipates a combination of services required for site-specific development and building construction projects for both City Capital Improvement Program and certain privately-funded developer projects. The services associated with this category will typically include collecting samples or inspections, laboratory and field testing of construction materials, and preparations of testing and inspection reports.

The City requires the selected firms to provide "call-out" sampling, laboratory and field investigations, and preparation of reports indicating whether materials meet the requirements of the Construction Documents. Work in this area may include one or more of the following: soil, rock, concrete, Hot Mix Asphalt Concrete, welding, and flexible base stockpiles.

Geotechnical Engineering

A combination of services for Geotechnical Engineering for Capital Improvements Program

projects including subsurface exploration, laboratory and field-testing of soil and rock, and geotechnical engineering analyses and recommendations. Firms selected for this category may:

- Conduct field investigations of subsurface soil and rock
- Perform tests to determine soil properties and accurately depict existing subsurface conditions
- Perform hardness and other specialized tests as required
- Prepare written reports which contain facts (laboratory test results), interpretations (shrink/swell potential, stratigraphy, geologic structural features), and recommendations (preferred pipe bedding materials, influence of groundwater and adjacent structures, allowable loads, and permissible slopes)

Other services may be required based on the specific needs of the project, including, but not limited to, field inspections of drilled piers and other foundation excavations

Forensic Engineering

The firms selected for Forensic Engineering will provide services related to determining causes of failure of constructed structures, including providing expert witness testimony. Services may include:

- Determine scope of tests and data required to assess the cause of failure
- Field sampling, laboratory testing, and engineering observation
- Evaluations using petrography, scanning electron microscopy, x-ray spectroscopy, and other test methods
- Assessment of all collected data and determination of the cause of failure
- Preparation and submittal of a report with findings and recommendations to the City of Austin Law Department as a document with attorney-client privilege

A delay in approval of this item will lead to delays in Department of Aviation capital improvement projects.

As a standard business practice, the City routinely engages the services of professional engineering firms to perform analysis, design and support services associated with construction or improvement of City capital assets. Rotation List contracting allows the City to always have a group of qualified consultants available to perform a specific type of recurring work in a timely manner to meet the project and operational needs of the City.

Prior to issuing, this solicitation was reviewed by the City's Rotation List Advisory Committee, which is made up of staff from the Capital Contracting Office, Small and Minority Business Resource Department, Public Works Department, and other user departments. The total authorization amount, the number of firms to be recommended for selection, and the authorization amount per firm were discussed and reviewed by the Committee. The Capital Contracting Office expects the user department will require these services to meet current and future engineering testing needs. These projects will require external engineering services to properly plan, evaluate, design, and implement.

This request allows for the negotiation and execution of a professional services agreement with

each of the six recommended firms for an estimated period of four years, or until financial authorization is expended. Initial project assignments will be based on the firm's final ranking as determined during the Request for Qualifications evaluation (highest to lowest), the maximum cumulative contracted amount in comparison to the estimated task budget for that firm, and the firm's availability at time of project need. Allocation of funds per firm may be increased or decreased based on business needs and will follow established rotation list policies and procedures. If the City is unsuccessful in negotiating a satisfactory agreement with the recommended firm(s), or if a selected firm ceases practice during the contract period, or if the City elects to terminate its agreement with one of the selected firms, the remaining financial authorization and future assignments will be permanently assigned to the remaining firm(s).

RECOMMENDED FIRMS:

Terracon Consultants Inc., is located in Austin, TX.

Raba Kistner Consultants Inc., is located in Austin, TX.

HVJ South Central Texas - M&J, Inc. is located in Austin, TX.

Kleinfelder, Inc., is located in Austin, TX.

Rodriguez Engineering Laboratories, LLC is located in Austin, TX.

Furgo USA Land, Inc., is located in Austin, TX.

Information on this solicitation is available through the City's Austin Finance Online website.

Link: Solicitation Documents

<https://www.ci.austin.tx.us/financeonline/vendor_connection/solicitation/solicitation_details.cfm?sid=121368>.