

A G E N D A



Recommendation for Council Action (CLMD)

Austin City Council

Item ID:

51157

Agenda Number

5.

Meeting Date:

November 12, 2015

Department:

Capital Contracting Office

Subject

Authorize negotiation and execution of agreements with JACOBS ENGINEERING GROUP, INC.; HDR ENGINEERING, INC.; and STANLEY CONSULTANTS, INC., or with other qualified responders to be placed on the engineering services rotation list for Austin Energy's chilled water piping projects, in a total amount not to exceed \$4,500,000 divided among the three firms.

Amount and Source of Funding

Funding is available in the Fiscal Year 2015-2016 Capital Budget of Austin Energy.

Fiscal Note

A fiscal note is attached.

Purchasing Language:

Staff recommendations are the most qualified firms out of seven firms evaluated through the City's qualifications-based selection process.

Prior Council Action:

N/A

For More Information:

James Matlock, 512-322-6273; Rolando Fernandez, 512-974-7749; Sarah Torchin, 512-974-7141.

Boards and Commission Action:

October 19, 2015 -Recommended by the Electric Utility Commission.

MBE / WBE:

Related Items:

This contract will be awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 15.80% MBE and 15.80% WBE participation.

Additional Backup Information

Austin Energy owns and operates five plants for which engineering services are required. The plants are: Domain, Mueller Energy Center, Paul Robbins District Cooling Plant, and District Cooling Plant #2. Based upon the interest of large commercial customers outside Austin Energy's chilled water service areas, Austin Energy will also incorporate a new model for delivering chilled water services by building "satellite plants." Satellite plants are small chilled water plants and piping loops built directly on a commercial customer's property to provide chilled water. The satellite plants will be owned and operated by Austin Energy to generate and deliver on-site chilled water generation to large commercial customers.

To achieve optimal design and to minimize cost of the "satellite plants," Austin Energy intends to utilize the selected firms to provide services for its existing five plants and possible satellite plants. Austin Energy currently has a rotation list for chilled water pipe projects in the right-of-way. There is not a current rotation list for plants and distribution systems engineering services. This rotation list will combine these needed services.

The selected firms will provide specialized engineering and associated technical services necessary for planning, analysis, and design and construction management of improvements, additions, and upgrades to Austin Energy chilled water distribution/transmission systems including customer connections. The projects will primarily be additions, extensions, and retrofits to existing plants and distribution systems with the objective of increasing system load and/or improving overall operations, efficiency and reliability.

Projects may include:

1. Installation of satellite plant for large commercial facilities – the selected firms would provide engineering services for the design and construction phase services associated with the building of a chilled water satellite plant for a large commercial facility or hospital.
2. Installation of a new chiller at existing Austin Energy chilled water plants – the selected firms would provide design of chilled water supply and return piping within a customer's mechanical room. This will include all piping design, conduit design, and location of Austin Energy's control devices within the mechanical room.
3. Installation of underground chilled water piping in high rise condominiums – the selected firms would provide engineering services for the solicitation, purchase, and installation of a new chiller within one of Austin Energy's power plants. The firms may provide construction phase services to verify installation is performed in accordance with specifications.

The total funding authority for the engineering services for chilled water piping in the right-of-way and plants and distribution systems is \$4,500,000 with the authority for each of three firms to be approximately \$1,500,000.

These contracts are crucial to the effective and efficient delivery of services to our clients. A delay in the award of these contracts may significantly impact Austin Energy's ability to meet client requirements in the delivery of these services. Austin Energy does not anticipate public engagement being required for these projects.

This request allows for the development of a professional services agreement with each of the three recommended firms for an estimated period of two 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 qualifications and availability of expertise at time of project need. Per firm authorizations may be increased or decreased, through the life of the contract, based on the needs of a particular assignment and will follow the established rotation list policies and procedures. If the City is unsuccessful in negotiating a satisfactory agreement with a recommended firm(s), 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 assignments will be assigned to the remaining firm(s) for the duration of the contract period.

RECOMMENDED FIRMS:

JACOBS ENGINEERING GROUP, INC.

HDR ENGINEERING, INC.

STANLEY CONSULTANTS, INC.

All three firms listed above are located in Austin, TX.