



Recommendation for Action

File #: 21-3041, **Agenda Item #:** 23.

10/14/2021

Posting Language

Authorize negotiation and execution of a professional services agreement with the following four staff recommended firms (or other qualified responders) for Request for Qualifications Solicitation No. CLMP315, HDR Engineering, Inc., Aecom Technical Services, Inc., Stanley Consultants, Inc., and Lockwood, Andrews & Newnam, Inc., for engineering services for the 2021 Power Production Rotation List in an amount not to exceed \$3,750,000.

[Note: 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 7.67% MBE and 3.64% WBE participation.]

Lead Department

Capital Contracting Office

Managing Department

Austin Energy

Fiscal Note

Funding is available in the Fiscal Year 2021-2022 Capital Budget of Austin Energy.

Purchasing Language:

Staff recommendation is based on the four most qualified firms out of eight 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 <<mailto:AgendaOffice@austintexas.gov>>

NOTE: Respondents to this solicitation, and their representatives, shall direct inquiries to Rolando Fernandez, 512-974-7749; Rick Wilson, 512-974-7261; or the Project Manager, Nicole Castillo, 512-322-6039.

Council Committee, Boards and Commission Action:

September 13, 2021- Was to be reviewed by the Electric Utility Commission; Meeting canceled due to lack of quorum.

Additional Backup Information:

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 Austin Energy. 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 Austin Energy will require these services to meet current and future engineering services for power plant and district cooling facility needs.

The contracting authority for the 2016 Power Plant Improvements Rotation List is nearing exhaustion. The total funding authority for the 2021 Power Plant Production Rotation List is \$3,000,000.00 with the authority for each of the four firms to be approximately \$750,000. The 2016 Rotation List initially included the same number of firms and total funding authority. A delay in establishing the 2021 Power Plant Production Rotation List contract would negatively impact the completion of power plant and thermal energy facility improvements, possibly reducing performance and causing unscheduled outages due to delays in project completion.

The selected consultants on the 2021 Power Plant Production Rotation List shall assist Austin Energy at the Decker Creek Power Station, Sand Hill Energy Center, and District Energy and Cooling plants (chilled water plants). The consultants shall provide specialized engineering and associated technical services necessary for the planning, analysis, evaluation, and design of improvements, additions, and upgrades. The projects assigned will primarily consist of retrofits to existing plant systems with the objective of improving overall plant operation, efficiency, and reliability. Anticipated projects for engineering services include, but are not limited, to:

- Support in mechanical, electrical, civil, structural, instrument and control, or other professional engineering roles;
- Recommending improvements and/or modifications for performance and operation methods of power generation systems addressing safety, reliability, optimization, and environmental impact;
- Evaluating existing processes, structures, and/or equipment: performing failure and root cause analysis, developing design criteria with applicable codes and standards, performing budgeting cost estimates, developing bid documents, producing as-builts in accordance with Personal Protective Equipment standards, and obtaining permits;
- Developing optimizations of chilled water facilities, including control system upgrades, chiller and/or boiler replacements, and modifications to enhance heat recovery; and/or
- Providing ancillary services such as electrical relay coordination, pipe stress analysis, valve automation design, site developments assistance, building, heating/cooling power system engineering, cost estimation in support of project business case development, and distributed generation micro grid development.

In addition, Austin Energy does not anticipate public engagement being required for these types of projects.

This request allows for the development of a professional services agreement with each of the four Rotation List firms recommended firms 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:

HDR Engineering, Inc. is located in Austin, TX
Aecom Technical Services, Inc .is located in Austin, TX
Stanley Consultants, Inc. is located in Austin, TX
Lockwood, Andrews & Newnam, Inc. is located in Austin, TX

Strategic Outcome(s):

Government that Works for All.