

A G E N D A



Recommendation for Council Action (CCO)

Austin City Council	Item ID:	58579	Agenda Number	8.
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Meeting Date:	June 9, 2016
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Department:	Capital Contracting Office
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Subject

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. CLMP194: STANLEY CONSULTANTS, INC.; BURNS & MCDONNELL ENGINEERING COMPANY, INC.; HDR ENGINEERING, INC.; and JACOBS ENGINEERING GROUP, INC., to provide engineering services for the 2016 Power Plant Production Rotation List for an estimated period of three years or until financial authorization is expended, with the total amount not to exceed \$3,000,000 divided among the four 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 six firms evaluated through the City's qualifications-based selection process.
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Prior Council Action:	
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For More Information:	Lora Teed, 512-505-7159; Rolando Fernandez, 512-974-7749; Sarah Torchin, 512-974-7141.
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Boards and Commission Action:	May 16, 2016 - Recommended by the Electric Utility Commission on a vote of 11-0.
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Related Items:	
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MBE / WBE:	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.
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Additional Backup Information

Rotation list contracting allows the City to have available a group of qualified consultants to perform a specific type of recurring work in a timely manner to meet its project needs. Prior to issuing this solicitation for consulting engineering services for Austin Energy's power plant facilities, it was reviewed by the City's Rotation List Advisory Committee composed of staff members from the Capital Contracting Office, Small and Minority Business Resource Department, Austin Energy, and Public Works Department. The Committee discussed and reviewed the total authorization amount, the number of firms to be recommended for selection, and the authorization amount per firm.

The current rotation list, the 2004 Power Plant Improvements Rotation List, also includes four firms providing consulting engineering services for power plant facilities. The following is a sample of previous assignments awarded using the rotation list:

- Engineering study to re-route Decker Creek Power Station floor drains;
- Four Seasons Residences chilled water extension;
- Engineering support for the Sand Hill Energy Center 100 Megawatt addition Phase II;
- Sand Hill Energy Center re-design of the maintenance building;
- Steam system modification at the Domain (chilled water system);
- Design control changes and drip leg for the Sand Hill Energy Center condenser;
- Investigation of condenser tube failures at the Sand Hill Energy Center;
- Engineering evaluation of circulation water pumps at Sand Hill Energy Center;
- Computer-aided drafting services for the Decker Creek Power Station;
- Leadership in Energy and Environmental Design (LEED) certification for the Sand Hill Energy Center control/administration building; and
- Evaluation of Carbon Dioxide reduction options.

The selected consultants on the 2016 Power Plant Production Rotation List shall assist Austin Energy at the Decker Creek Power Station, Sand Hill Energy Center, thermal energy (chilled water and steam) plants, and distributed generation facilities. 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, structural, 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 distributed generation and thermal energy 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.

The contracting authority for the 2004 Power Plant Improvements Rotation List has been exhausted. The total funding authority for the 2016 Power Plant Production Rotation List is \$3,000,000 with authority for each of the four firms to be approximately \$750,000. The 2004 Rotation List included the same number of firms and total funding authority. A delay in establishing the 2016 Power Plant Production Rotation List contract would negatively impact the completion of power plant improvements.

This request allows for the development of a professional services agreement with each of the four recommended firms, for an estimated period of three 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 evaluation score), 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.

Jacobs Engineering Group, Inc. and Stanley Consultants, Inc. were on the previous rotation list awarded in 2004 (contract number S050368). The Request-for-Qualifications Scope of Services stated that the City would select up to four firms and Austin Energy chose not to select more firms than was originally anticipated.

Jacobs Engineering Group Inc. and Stanley Consultants, Inc. were on the previous rotation list awarded in 2004 (contract number S050368). The Request-for-Qualifications Scope of Services for this Rotation List stated that the City would select up to four firms, based on projected workload that the client department (AE) intends to have during the life of the rotation list.

RECOMMENDED FIRMS:

STANLEY CONSULTANTS, INC. is located in Austin, TX.

BURNS & MCDONNELL ENGINEERING COMPANY, INC. is located in Austin, TX.

HDR ENGINEERING, INC. is located in Austin, TX.

JACOBS ENGINEERING GROUP, INC. is located in Austin, TX.