A U S T I N C I T Y C O U N C I L

# AGENDA

**Recommendation for Council Action (CCO)**

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| Austin City Council | **Item ID:** | 60655 | **Agenda Number** | 14. |

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| **Meeting Date:** | August 18, 2016 |
| **Department:** | Capital Contracting Office |

## Subject

Authorize negotiation and execution of a professional services agreement with FREESE & NICHOLS, INC. (staff recommendation), or the other qualified responder to Request for Qualifications Solicitation No. CLMP198, to provide engineering services for the Large Diameter Wastewater Interceptors Multi-Sensor Pilot Project for a total contract amount not to exceed $800,000. (Districts 1, 3, 4, 7, 9, and 10)

## Amount and Source of Funding

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

## Fiscal Note

A fiscal note is attached.

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| **Purchasing Language:** | Staff recommendation is the most qualified firm out of two firms evaluated through the City's qualification-based selection process. |
| **Prior Council Action:** | N/A |
| **For More Information:** | Rolando Fernandez, 512-974-7749; Sarah Torchin, 512-974-7141; Kevin Koeller, 512-972-2055. |
| **Boards and Commission Action:** | August 10, 2016 - Recommended by the Water and Wastewater Commission on a vote of 8-0 with Commissioners Castleberry and Parker absent and Commissioner Ho was off the dais. |
| **Related Items:** | |
| **MBE / WBE:** | This contract will be awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program). No goals were established for this solicitation due to limited subcontracting availability and insufficient scopes of work. |

## Additional Backup Information

The City of Austin's wastewater collection system consists of approximately 1.2 million linear feet of 24" or larger wastewater mains, roughly 8.5% of the overall collection system. Due to the age and corrosive sewer environment and the use of concrete pipe material, there is a need to perform condition assessment on these large diameter interceptors and tunnels.

In the past few years, there have been significant advances in multi-sensor technology (closed circuit TV, sonar, and laser) which have been incorporated into the inspection and assessment of large diameter sanitary sewer lines. This pilot project will evaluate this new multi-sensor technology in anticipation of future assessments of the large diameter lines in the City's collection system.

Seven different large diameter tunnels and wastewater interceptors have been selected for this pilot project. The anticipated services will include civil engineering, project management, investigation, analytical study, field services, coordination, and evaluation of historical data, preliminary engineering, and other engineering services as necessary for this pilot project. The selected firm will use multi-sensor equipment to obtain condition assessment of the areas identified in this pilot study, incorporate data transfer into the City's current data management system, make recommendations for repairs, as required, and prepare a technical memorandum on each pilot area. In addition, the selected firm will provide technical guidance and assistance with a multi-sensor technology program for Austin Water.

A delay in establishing this pilot project could cause a delay in assessing the condition of the City's wastewater pipelines and risk possible issues with the pipelines remaining undetected for a longer period of time.

This request allows for the development of an 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 that provider.

**TOP-RANKED FIRM:** FREESE & NICHOLS, INC. is located in Austin, TX

**SECOND-RANKED FIRM:** GARVER, LLC is located in Austin, TX