

AGENDA



Thursday, September 25, 2008

**Contract and Land Management
RECOMMENDATION FOR COUNCIL ACTION****Item No. 21**

Subject: Authorize negotiation and execution of amendment to the professional services agreement with LOCKWOOD, ANDREWS and NEWNAM, INC., Austin, TX, for additional design and construction phase services for the Spicewood Springs Pump Station Improvements in an amount not to exceed \$450,000, for a total authorization of \$1,250,000.

Amount and Source of Funding: Funding in the amount of \$450,000 is available in the Fiscal Year 2007-2008 Approved Capital Budget of the Austin Water Utility Department.

Fiscal Note: A fiscal note is attached.

For More Information: Alison Von Stein 974-7217, Robin Field 974-7064, April Thedford 974-7141

MBE/WBE: This contract will be awarded in compliance with Chapter 2-9B of the City Code (Minority Owned and Women Owned Business Enterprise Procurement Program) with 16.50% MBE and 29.02% WBE subconsultant participation to date.

Boards and Commission Action: Recommended by the Water and Wastewater Commission.

Prior Council Action: July 26, 2007 Council authorization for negotiation and execution of a professional services agreement for engineering services.

The Spicewood Springs Pump Station located at 8100 Spicewood Lane was originally built in 1969 with improvements made in 1982 and a second building added in 1986. The electrical system is outdated and there have been reports of low water pressure from residents in the Mesa/Greystone area.

This project will provide improvements to the outdated electrical system in the pump station building by replacing all of the 2,400-volt gear and motors with new 4,100-volt gear and motors. This project will replace two pumps with associated piping and valves to achieve increased system pressures and clean and clear an existing 20-inch transmission main along Mesa Drive to improve flow performance. In addition, the project includes the extension of an existing 24-inch transmission main from the pump station to an existing 24-inch line in Mesa Drive, creating a new pressure zone which will provide adequate pressures in all of the Mesa-Greystone service area.

The original authorization amount of \$800,000 was intended to cover engineering services for all phases of the project. However, during the preliminary engineering phase the project scope and budget were further refined to ensure attainment of the project objectives. An intensive modeling effort was performed which has provided more detailed information regarding the requirements for the pump station. Preliminary engineering efforts also demonstrated that the most direct route for the transmission main is not feasible due to existing utilities, so an alternate route was identified. In addition, it was determined that the project will be designed and bid in two phases in order to ensure that the pump station is under construction between October 2009 and March 2010 rather than the high-demand summer months. These additional funds will provide for the additional design, bid and construction phase professional engineering services needed to complete the refined project scope.