

## AGENDA



Thursday, January 27, 2011

**Contract and Land Management  
RECOMMENDATION FOR COUNCIL ACTION****Item No. 12**

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**Subject:** Authorize execution of Change Order #2 to the construction contract with AUSTIN ENGINEERING CO., INC., Austin, TX for the South IH-35 Segment 7, in the amount of \$41,430 for a total contract amount not to exceed \$1,504,099.

**Amount and Source of Funding:** Funding in the amount of \$41,430 is available in the Fiscal Year 2010-2011 Capital Budget of the Austin Water Utility.

**Fiscal Note:** A fiscal note is attached.

**For More Information:** George Jackson P.E., 974-7197; Joe Hoepken P.E., 974-1171; Susan Garnett, 974-7064; Sarah Terry, 974-7141

**MBE/WBE:** This contract will be awarded in compliance with Chapter 2-9A of the City Code (Minority Owned and Women Owned Business Enterprise Procurement Program) with 7.72% MBE and 4.40% WBE subcontractor participation to date including this change order.

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

**Prior Council Action:** May 27, 2010 – Council authorized a construction contract with Austin Engineering Co., Inc.

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This project is part of the South IH-35 Water and Wastewater Improvements Program that will provide service to the southeast Austin area as part of Austin Water Utility's long-range plan. Segment 7 starts at the proposed South Zone Reservoir approximately 5,300 linear feet north of FM 1327 and extends 2,300 linear feet south to FM 1327 along the west side of IH-35. The project is generally located in the 78652 zip code.

This project will include installation of 2,300 linear feet of 42-inch diameter water pipe at depths varying from 10 to 15 feet and installed by bore and open-cut trench methods. The project will also include various water line appurtenances and the restoration of vegetation affected by the construction effort.

This change order has two cost elements. The first element is required to cover the contractor's cost for excavating an extra two feet of depth in solid rock for a length of approximately 140 feet to be able to lay the Segment 7 pipe on a revised deeper grade such that the pipe will match the elevation of the existing pipe on Segment 8. Segment 8 was installed deeper than designed to accommodate less flexibility in pipe fittings than was originally quoted by the pipe manufacturer.

The second element of the change order covers the cost of having the contractor comply with Heritage Tree Ordinance requirements and avoid disturbing two heritage-category oak trees. The ordinance was not in effect during design, but must be addressed in construction. As originally designed, the trees would be impacted by the installation of two 42-inch connections for a future reservoir to be built in the area. The two 42-inch connections must be moved 40 feet south so that placement of the future 42-inch feeds to the reservoir does not impact the root zone of the trees. The cost is the result of adding two

lengths of 36-inch restrained-joint pipe and restocking two lengths of 42-inch restrained-joint pipe to allow the 42-inch connections to be moved.