

AGENDA



Thursday, January 31, 2008

Public Works

Item No. 49

RECOMMENDATION FOR COUNCIL ACTION

Subject: Authorize execution of a construction contract with BENITEZ CONSTRUCTION, INC. (MBE/MH 48.42%), Manor, Texas for the ACWP Group 2 Inverted Siphons-Waynesburg Cove and Bridgewater Drive in the amount of \$1,251,403.75 plus a \$62,570.00 contingency, for a total contract amount not to exceed \$1,313,973.75.

Amount and Source of Funding: Funding is available in the Fiscal Year 2007-2008 Capital Budget of the Austin Water Utility.

Fiscal Note: A fiscal note is attached.

For More Information: Randy Harvey 974-1585, Gopal Guthikonda, P.E. 972-0240, Robin Field 974-7064.

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) by meeting the goals of 2.40% MBE and 3.99% WBE subcontractor participation.

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

The scope of this project includes construction of an inverted siphon under Little Walnut Creek in the Raul Alvarez Disc Golf Course, approximately 640 linear feet in length, to be installed by horizontal directional drilling of a 24-inch casing with two 6-inch siphon pipes and one 4-inch air jumper pipe. The project scope also includes approximately 1,370 linear feet of 8-inch diameter gravity wastewater main. 465 linear feet of the gravity-fed main will be installed through boring methods with the remaining being installed through open cut excavation. Approximately 900 linear feet of existing gravity fed wastewater main and three existing manholes will be abandoned in place. Nine new manholes will be installed and all associated existing wastewater services will be replaced with new 6-inch service lines and a clean-out at the property line.

The existing wastewater lines exhibit one or more of the following problems: root intrusion, cracks, storm water infiltration, collapsed pipe, missing pipe, holes, and dropped joints. All of these problems increase the probability of sanitary sewer overflows and therefore the existing lines will be abandoned in place after the new wastewater lines are installed. The project is part of the Austin Water Utility's Austin Clean Water Program (ACWP), which was developed to respond to the requirements of the Environmental Protection Agency's Administrative Order regarding sanitary sewer overflows.

Due to the potential for unknown subsurface conditions, conflicts when installing underground utilities while working in the Right of Way, and construction problems in areas having high ground water, a 5% contingency in funding has been included to allow for the expeditious processing of any change orders. The contract allows 180 calendar days for substantial completion and an additional 60 calendar days for final completion of this project. The Engineer's estimate for this project is \$1,387,133.