

## AGENDA



Thursday, March 27, 2008

**Contract and Land Management  
RECOMMENDATION FOR COUNCIL ACTION****Item No. 19**

**Subject:** Authorize negotiation and execution of an amendment to the professional services agreement with CAROLLO ENGINEERS, P.C., Austin, TX for professional engineering final design phase, bidding assistance services, and a portion of construction phase services on the new Water Treatment Plant No. 4 (WTP 4) site, in an amount of \$25,632,212 plus \$1,986,322 in allowance not to exceed \$27,618,534, for a total contract amount not to exceed \$42,118,534.

**Amount and Source of Funding:** Funding in the amount of \$27,618,534 is available in the Fiscal Year 2008 - 2009 Amended Capital Budget of the Austin Water Utility.

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

**For More Information:** Tina Van Wie 974-7148, William Stauber, P.E. 972-0290 Robin Field 974-7064

**MBE/WBE:** There is 15.62% MBE and 5.88% WBE subconsultant participation to date.

**Boards and Commission Action:** No recommendation by the Water and Wastewater Commission. Related to item #8.

**Prior Council Action:** 04/04/02 – Initial selection of Carollo Engineers for Preliminary Engineering to conduct a Site Assessment and Environmental Studies on the existing Water Treatment Plant (WTP) 4 site. 05/12/05 – Development of Best Management Practices (BMPs) for Mitigation at the existing WTP 4 site. 7/26/06 – Preliminary Engineering and Site Assessment for Bull Creek site.

Based on demand projections, the Austin Water Utility (AWU) has determined that a new water treatment facility is necessary to meet future summer peak day demands. The needed infrastructure includes an intake structure, a raw water pumping and transmission main, treatment facilities, and water transmission mains to deliver water to the City's distribution system.

In the spring of 2005, the City started the preliminary design phase of the project based on constructing the Water Treatment Plant (WTP) 4 facilities on the Bull Creek site. Concerns regarding the construction of a WTP within the sensitive environment surrounding the Bull Creek site led the City to create the mitigation working group, which was tasked with the development of environmental protection goals and recommendations for mitigation, best management practices, monitoring, and environmental commissioning for the project.

Preliminary design phase services commenced in late 2006 on the Bull Creek site. However, in August 2007, due to continued environmental concerns, the City again decided to consider alternatives to the construction of a new WTP at the Bull Creek site. Council directed staff to develop and evaluate alternatives, as well as postpone the completion of the plant to 2014. In December 2007, a new site was recommended to Council as an alternate to the existing Bull Creek site. The City then purchased a new site at the corner of Bullick Hollow Road and FM 620 in January 2008 with the goal of relocating the WTP 4 facilities to this site from Bull Creek. As previously planned, Carollo Engineers was able to utilize non-site-related preliminary design work from the Bull Creek site, and remaining funds were directed to evaluate and perform preliminary engineering design work on the new site.

This amendment is for Carollo Engineers to perform the final design phase services and bidding phase services for seven planned bid packages and construction phase services for one of the construction packages for WTP 4.

Staff will return to Council for approval of additional funding for Carollo Engineers for the construction phase and warranty assistance phases for WTP 4 on this new site.