

AGENDA



Thursday, July 24, 2008

**Contract and Land Management
RECOMMENDATION FOR COUNCIL ACTION****Item No. 27**

Subject: Authorize negotiation and execution of an amendment to the professional services agreement with PARSONS WATER & INFRASTRUCTURE, INC., Austin, TX for additional engineering services for the Downtown Wastewater Tunnel in the amount of \$843,382, for a total contract amount not to exceed \$5,366,656.

Amount and Source of Funding: Funding in the amount of \$843,382 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: Lora J. Teed, P.E. 974-7025, Steven Schrader 703-6635, Robin Field 974-7064

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 15.7% MBE and 16.9% WBE subconsultant participation to date.

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

Prior Council Action: Council authorized negotiation and execution of the professional services agreement with Parsons Water & Infrastructure, Inc. on October 11, 2001. Additional authorization was approved by Council on January 26, 2006.

The original scope of the Downtown Wastewater Tunnel provided for a tunnel to accept flows from the North Austin Wastewater Interceptor with a shaft near the location of the Shoal Creek Lift Station. The proposed tunnel was to extend south under Lady Bird Lake to a shaft on the south shore, where it would collect additional flows from the South Austin Wastewater Interceptor, and continue east to ultimately connect with the existing Govalle Wastewater Tunnel, a distance of over three miles.

During the initial portion of final design in early 2007, the Austin Water Utility asked that a feasibility study be performed to determine if an alternate shaft location was available to intercept the flows from the North Austin Wastewater Interceptor, and avoid the need for a shaft construction site at the location of the new Central Library. An alternate shaft site was identified at Lamar and Cesar Chavez, and Austin Water Utility directed that the design scope of the project be expanded to use the Lamar shaft location.

This change of scope requires extending the main tunnel approximately 3,000 feet from Riverside Drive near South 1st Street to an existing structure on Toomey Road, and a tunnel segment from the Toomey structure to the proposed Lamar shaft. With this scope, the proposed shaft at Shoal Creek Lift Station and the tunnel segment connecting that shaft to the shaft at Riverside Drive will be eliminated.

This contract amendment is required for the geotechnical investigations and engineering designs needed for this expanded scope.

A separate project has been initiated to collect wastewater that currently flows to the Shoal Creek Lift Station and redirect it to the proposed Lamar Shaft.

When the Downtown Wastewater Tunnel project and the related project described above are put into service, the temporary Toomey Lift Station and the Shoal Creek Lift Station will be decommissioned. At Shoal Creek, the above-ground building and its pump equipment will be removed, and the underground structures will be backfilled. The decommissioning of the Shoal Creek Lift Station allows the site to be redeveloped for use as the new Central Library. Additional authority will be requested from Council in the future for construction phase services.