



**City of Denton
DRAFT MINUTES
PUBLIC UTILITIES BOARD**

City Hall
215 E. McKinney Street
Denton, Texas
www.cityofdenton.com

Monday, November 13, 2017

9:00am

City Council Work Session Room

After determining that a quorum of the Public Utilities Board of the City of Denton, Texas is present, the Chair of the Public Utilities Board will thereafter convene into an open meeting on Monday, November 13, 2017 at 9:00a.m. in the Council Work Session Room at City Hall, 215 E. McKinney Street, Denton, Texas

Board Members: Chair Randy Robinson, Vice Chair Susan Parker, Charles Jackson, Lilia Bynum, Brendan Carroll, Allen Bishop and Deb Armintor

Ex Officio Members: Todd Hileman, City Manager and Mario Canizares, Assistant City Manager

REGULAR MEETING

1. ITEMS FOR INDIVIDUAL CONSIDERATION

- A. PUB17-239** Receive a report, hold a discussion, and provide staff with direction concerning the approval of a Professional Services Agreement for engineering design services relating to the design, bid phase and construction services for the Lake Lewisville Water Treatment Plant Phase II Rehabilitation project which includes the design of a new main electrical control building, drainage improvements, zebra mussels control measures for both Lake Ray Roberts and Lake Lewisville raw water pump stations, and additional upgrades to improve operations of the water treatment plant; providing for the expenditure of funds therefor; and providing an effective date (RFQ 6305 awarded to Freese and Nichols, Inc. in the not-to-exceed amount of \$1,529,180).

Tim Fisher gave this presentation stating that this project began in 2006. The facility assessment and process selection to upgrade LLWTP objectives were:

- Comply with applicable regulatory standard
- Consistent system-wide water quality goals
- Upgrade plant components to improve maintainability and operability
- Extend the water plant's service life

The 2007 LLWTP upgrade took care of many of the items needed, it was lengthy to design, and build with about \$32 million of improvements.

Fisher showed a list of the Phase I upgrades where construction started in 2011 and was completed in 2014. There was also a list of Phase II upgrades. The remaining improvement items from the facility assessment report group 4 will be addressed in Phase II rehabilitation of the LLWTP. The motor control center will be included as will the SCADA server changes.

Along with this project there was a zebra mussel infestation in both lakes. In 2015, Arcadis consulting engineers were selected to perform a study on the zebra mussel management approaches.

Budget included the design phase for the LLWTP Phase II at \$1,000,000 and \$700,000 for zebra mussel control measures. The construction phase for the LLWTP Phase II was \$10,000,000 and \$5,000,000 for zebra mussel control measures.

There was a RFQ Process that included nine engineering firms. There were four eligible through the statement of qualifications and only three that ended in the formal RFQ process, one declined. The firm selected was Freese & Nichols with Arcadis as sub-consultant.

Scope of work included the final design, bid phase and construction services.

Initial fee was \$1,991,000 total project engineering with construction estimate at \$13,300,000. There were negotiations that landed within budget.

The objective is to promote superior utility services and City facilities by rehabilitating and improving public infrastructure.

Questions: Board Member Parker asked what is the normal percentage of engineering cost of construction. Fisher answered about 10 to 11 percent until you get into the construction phase which will bump it up a bit.

Chair Robinson asked length of time of the contract. Fisher answered approximately three years.

There was a motion by Board Member Parker for approval with a second by Board Member Carroll. Vote 7-0 approved.

Adjourned: 1:03pm