

Engineering and Operations Committee Meeting

Minutes

October 3, 2018

The E&O meeting convened at 1:40 P.M., Wednesday, October 3, 2018, at the Lakeway Municipal Utility District's office located at 1097 Lohman's Crossing, Lakeway, Texas 78734-4459.

The following Engineering and Operations (E&O) Committee Members, General Manager (GM), and Board Liaison were in attendance:

Phil Lanier, *Committee Chairperson*,
Earl Foster, *General Manager, Lakeway M.U.D.*,
Jerry Hietpas, *Board Member and Board Liaison to Committee*,
Bob Rives, *Committee Member (Secretary)*,
John Sayre, *Committee Member*,
Wayne Seime, *Committee Member (Vice Chairperson)*.

Not in attendance,
Paula Crawley, *Committee Member*,

The meeting's agenda had been distributed by e-mail to all committee members on October 2, 2018. The designated agenda for the meeting was:

1. Update on Out-of-District Wastewater Project,
2. Equipment Purchase for OD Project,
3. Update of Zebra Mussel Construction,
4. District Office Paving for Drop Box.

Mr. Lanier called the meeting to order and Mr. Foster began by a review of the zebra mussel construction site. Work is underway for the chemical container building that could be able to contain a 2,000 gallon tank. Work should be completed by the end of the year. Mr. Foster is continuing to research the possible use of cooper anode system. He is trying to keep the costs of the system and building below \$150,000.

Mr. Foster displayed an early survey map of Phase I (OD Project) showing the pipeline easement route. He noted that construction should begin around January 1, 2019.

In agenda item two Mr. Foster indicated that he needed three main pieces of equipment before he could begin construction work on Phase I. First he needs a Ditch Witch RT80T4 heavy-duty disc trencher. Quotes indicated an estimated cost of \$121,650 from EKA Government Sales for a fully equipped machine. Secondly, he needs a small utility vehicle like a

“Cub Cadet” priced by Hoffpauir Outdoor Superstore at \$12,677.05. The last item he needs is a Ditch Witch JT10 Jet Trac which is a directional bore machine capable of boring a 20-inch diameter hole. He noted that the 20-inch model was needed, not for its 20-inches diameter width, but because it was the only machine that could cover the longer distance of 200 feet which would be essential to the project. This machine also requires accessories which include mud mixing (\$14, 134.85), a tracker (\$21,010.36) to control the drilling path, a rock hammer (\$29,633.75) due to limestone in our area, and a trailer (\$14,831.96) to haul the Ditch Witches. All the prices/quotes were form EKA. Mr. Foster needs this one last item for the project by January; however, Mr. Foster said he first wants a live demonstration to prove the machine’s ability to handle our rough and varying terrain before he can commit to its purchase. He is hoping that the demonstration could be on one of the actual Phase I houses with difficult terrain that is to be connected to the sewer system. Next Mr. Foster presented a Phase I description of over-all costs. The committee reviewed this in detail with a general discussion and comments. The total costs were \$7,169,988 for equipment and labor including a 20% contingency. These costs did not include softs costs such as engineering, permitting, and construction coordination. It’s primarily noted that some of the costs are associated with Phase II and these were not flagged in the description. The committee motioned, seconded, and approved unanimously that it is our consensus that the Board support the purchase of the Ditch Witch RT80T4 heavy duty 8-inch disc-trencher and a utility vehicle.

The last item on the agenda was the repaving of an area about 40-feet by 50-feet next to the main office building’s entrance to accommodate a payment drop-off box that has been requested by customers, especially handicapped individuals who have a hard time accessing the building. The cost is estimated to be about \$60,000. It was suggested that the LMUD staff could prepare the base for asphaltting and perhaps then the paving could be in conjunction with the City of Lakeway at a time they have a repaving contract underway for city roads. Such should reduce the overall costs of the project, if the project were so approved by the Board.

With no other business the next meeting is slated for Thursday, October 18, 2018, at 1:30 P.M. The meeting was then adjourned at 3:05 P.M.

The minutes have been read and approved by e-mail:

The minutes approved this 5th day of October, 2018.

Yeas 4, Nays 0.

Robert G. Rives, Secretary, E&O Committee, L.M.U.D.