

Engineering and Operations Committee Meeting

Minutes

August 18, 2016

The meeting was convened at 1:40 P.M., Thursday, August, 2016, 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:

Don Walden, *Chairman*,
Beverly Carter, *Committee Member*,
Earl Foster, *General Manager, Lakeway M.U.D.*,
Jerry Hietpas, *Board Member and Board Liaison to Committee*,
Bob Rives, *Committee Member (Secretary)*,
Wayne Seime, *Committee Member*.

The meeting's agenda had been distributed by e-mail to all committee members on August 17, 2016. The designated agenda for the meeting was:

1. Possible Resume to Discuss for New Committee Member,
2. Discuss S-5 Reuse and I-4 Underdrain Process
 - a. Working with city on Easement for Line,
 - b. Newspaper Advertisement Ran in Lake Travis View,
 - c. Bids Received by September 1, 2:00 PM,
Pre-bid Conference Non-mandatory August 24, 2016, at 10 AM,
3. S-5 Expansion and Work on S-5 Permit and MUD 12 Permit
 - a. Finalizing Preliminary Engineering and Budget,
 - b. Problem getting all the Budget Numbers Back,
 - c. Bringing over the Permit Numbers for MUD 12's Permit, 0.400MGD,
Expansion and 100 Acres of Cedar Tract for Irrigation,
4. Other Items (B-4 Improvements).

Mr. Foster began the meeting indicating that there was a possible new committee member candidate. He was presently waiting for his resume from the Chairman. The Chairman said he did not have the resume and was presently trying to contact the candidate to obtain it. It was asked if the candidate is in-District and Mr. Walden said he was. The Committee was reminded that from a L.M.U.D. Board Resolution decree (dated 2015) at least three members shall be in-district customers. Mr. Walden indicated he was trying to obtain only in-district members in compliance.

Mr. Foster addressed agenda item number two by saying that the City of Lakeway would like our easement pipeline to be below an embankment. A check of the standard easement area most likely would indicate a 10 to 15 foot easement offset and this would allow the line to be below the embankment as per the City's wish. However, should this become a problem then Mr. Foster will discuss it further with the City. He also said that the required newspaper bid notice ran in the Lake Travis News. The non-mandatory pre-bid conference has been set for August 24, 2016, at 10:00 AM at the main LMUD office. Bids are to be received no later than 2:00 PM on September 2, 2016.

Mr. Foster indicated that because of the upswing in local construction and the general busyness of construction companies he is having a hard time getting solid estimated budget numbers back from them. The committee members agreed with Mr. Foster that the budget numbers do not have to be exact and he could use "Ball Park" numbers based on past construction history, give or take 20%. The committee felt that under the circumstances this would be okay for the level of money involved in the project. Mr. Walden said he might be of help in obtaining the numbers and will work with Mr. Foster. He noted that he was bringing over the permit numbers from MUD 12's permit, 0.400 MGD, expansion and 100 acres of cedar tract for irrigation to go into our permitting package.

In other items Mr. Foster mentioned B-4 improvements or modifications were needed concerning the raw-water barge and its pump-support structure. Excel Construction Services provided a proposal which basically requires two more main support beams for the outer parameters of the barge. This frame work will meet the modifications needed for its structural support. This barge was originally built by LCRA a number of years ago and recently was fitted with two support beams near the center of the barge to stop warpage to the barge. Further modifications, however, will involve installing a continuous angle-iron ledger to support concrete deck panels at the support beams along with other deck work. The four existing pumps will be re-leveled to provide increased pump and motor service life. Existing pump deck-plates and pump baseplates will need to be cleaned and recoated. The total cost to modify the barge is estimated by Excel to cost \$67,335.00. Since we are a partner with Hurst Creek, MUD 12, and Rough Hollow, our share of cost would be 59% or \$39,727.65. Mr. Foster will take this proposal to our partners for their input and approval.

Finally, Mr. Foster said that the pressure testing of the fire hydrants in regards to Eagle E-1 Tank were completed and the calibration data was included in the modeling and the results showed that taking Eagle one off-line was a valid decision.

The next scheduled meeting is for September 22, 2016, at 1:30 PM. With no other business the meeting adjourned at 2:40 P.M.

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

The minutes approved this 23 day of July, 2016.

Yeas 4, Nays 0, Abstain 0.

Robert Rives, Secretary, E&O Committee, Lakeway MUD