

Engineering and Operations Committee Meeting

Minutes

December 4, 2014

The meeting was convened by the Chairman at 1:30 P.M., Thursday, December 4, 2014, 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 and General Manager (GM) were in attendance:

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

The meeting's agenda had been distributed to all committee members by e-mail on December 1, 2014. The designated Agenda for the meeting was:

1. Review HSPS for New Clearwell, Timeline for Bidding,
2. Review, L-5 Lift Station Generator,
3. Discuss Proposal from Hank Smith for a Groundwater Pilot Well,

Mr. Foster handed out several items regarding the agenda and a discussion then ensued on the proposal submitted on the morning of December 4th, by Hank Smith, of Texas Engineering Solutions. The committee members quickly established that the understanding of the proposal was insufficient as presented. Most importantly the actual cost along with the drilling details of the well were not itemized and, additionally, there were mistakes in the proposed budget numbers. The committee felt that task descriptions did not fully explicate the scope of work to be done. It was also felt that the total cost the engineering over-sight effort was on the high side. In order to better clarify the proposal and obtain an improved description of the work concerned Mr. Foster asked for another ad hoc meeting with Mr. Smith. The proposed date of the meeting was set for Thursday, December 11, 2014, 1:30 P.M., at the M.U.D. office. All Committee members were asked to attend and the date and time were agreed upon. Members were asked to read over the Texas Engineering Solutions' proposal and submit their thoughts and questions early next week by e-mail addressed to Mr. Foster.

Mr. Foster reviewed the Clearwell high-service pump and transmission (HSPS) project to the new tank. Firstly, it was noted that the W-3 Clearwell 1.0 million tank project is almost completed and the new application and certificate for payment is on schedule without any

problems. Mr. Foster explained that the HSPS still needs more detail to verify existing lines in the right-of way zone from the tank up to and along Lakeway Boulevard.

Mr. Foster suggested LMUD increase the size of a couple hundred feet of pipe on the water treatment plant site that supplies the plant from the lake in order to eliminate a bottleneck we now have. It would be a 16 inch above ground line. This would be in addition to the present scope of work for the HSPS pump project, and would be bid as an option. The consensus of the committee was that it made sense to do this now in conjunction with HSPS work in the area. Mr. Foster said he could get documents and bids ready by January, 2015, and obtain approval and go out for bids in February of 2015.

The next agenda item was a review of the L-5 lift station generator. The present generator is having problems mainly because the generator is near the end of its life after about 40 years of use. To obtain a new generator Mr. Foster went out for two bids. The first bid was from Waukesha-Pearce Industries, Inc. for a 35KW Generac Engine Generator using a propane engine at a cost of \$18,575, F.O.B. job site, plus applicable sales tax. The second bid received was from Holt Cat Power Systems for a 35KW, Olympian Caterpillar model G35 Generator, delivered to site for \$31,887.00 (plus any taxes). It was questioned why only two bids. Mr. Foster tried but was unable to get additional bids. After further discussion the Committee was satisfied that it was justified in that the Caterpillar generator was a high-end system within the industry and that we also have three other Waukesha-Pearce manufactured generators in service at the L-6, L-1, and S-4 sites with no significant problems. The Committee questioned the parts and service guarantees which were a nominal one-year term and, furthermore, as M.U.D. does yearly preventive maintenance and up-keep on pumps and generators there is no reason why the generators shouldn't give us at least 20 years or more of service. The Committee felt that for a generator under \$25,000 only two bids was all that was needed considering the M.U.D.'s past history with Waukesha-Pearce (WP). Mr. Foster was also asked to find the cost of our other WP generators and to figure the compound rate of inflation from the last bought Waukesha-Pearce generator to present to establish a benchmark.

After completing the Agenda the meeting was adjourned by the Chairman at 2:30 PM.

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

These minutes approved this 8th day of December, 2014.

Yeas 4, Nays 0, Abstain 0.

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