

WATER COMMITTEE
FEBRUARY 22, 2012
MINUTES

MEMBERS PRESENT: Pete Frisina, Chairman
James K “Chip” Conner, Vice Chairman
Brian Cardoza
Jack Krakeel
Tony Parrott

NON-VOTING MEMBERS: David Jaeger
STAFF PRESENT: Carrie Gibby
GUEST: Stephen Hogan

The meeting was called to order by Chairman Pete Frisina at 8:00 A.M.

I. APPROVAL OF MINUTES FROM THE MEETING ON FEBRUARY 8, 2012.

Vice Chairman Chip Conner made the motion and Tony Parrott seconded, to approve the minutes from the meeting on February 8, 2012. There was no opposition.

II. LAKE MCINTOSH UPDATE.

David Jaeger updated the committee on the progress of this project. He said that more work has been done on the concrete spillway, mostly rebar installation. He showed a photo with the lower stilling basin slab that has been completed. The side wall has also been poured. The contractor elected to put down a mud mat which is an un-reinforced layer of concrete on the sub grade to protect it while they put in all the steel. This is to keep it clean and dry from the weather. That was an option that the contractor did at his own expense, it was approved by us; and it seems to be working well. He went on to show more views of the rebar, the turn downs along the upper spillway that prevent migration of water underneath it from penetrating downstream. He then showed the side of the spillway at the lower end, they have started to backfill the rear of it and the rear footing behind it.

Mr. Jaeger pointed out pipes that are part of the under drain system under the stilling basin; they come up out of the ground behind the wall, and then penetrate back into the spillway. If there is any ground water below this structure that gets into the under drain system, it has a way to get out. The pipes come up from below, penetrate through the wall and they can be observed and measured within the spillway. They will also come all the way up and tie in at the top. He said that is for two reasons, one, if there is a storm situation and the stilling basin had a lot of water in it, it would allow for a way for water to vent out. It is also to act as an air vent so that there is not a vacuum situation.

Mr. Parrott commented that Safe Dams requires the Water System to inspect the Category I dam every quarter. One of the things we have to do is monitor the water.

Mr. Jaeger reported that the reservoir clearing operation is continuing; the areas in red (on the photo) have been cleared. The contractor is currently working his way down the creeks, clearing the buffers. He pointed out the islands, which will not be cleared. He went on to say that the pump station project is sort of on hold right now, they have completed the access road. They have built a retaining wall to contain the new access drive out to it; then they armored the slope to it because the water level will be up on the sides of the slopes. They are currently waiting for the steel to be delivered; there is a steel I-beam that goes inside the structure that allows us to have a trolley beam (trolley hoist) over the pumps to help install and maintain the equipment. Once the steel comes in, the structure will be built around it. The pumps are the longest lead item, so they will come in last.

Mr. Jaeger showed an aerial view of the general overview of the site, looking at it from the Coweta County side; it also shows the future shoreline in relationship to the golf course, the dam and airport. What the contractor is currently working on is going to continue for the next few months. He said that the superintendent told him last week that they probably would not meet their April projected finish date. We are probably looking at more like the first of June. The concrete is really the critical path; this is the worst time of year to be doing concrete. They have been able to get some production; as it gets into the warmer months he thinks it will speed up. They are also up out of the hole now; they have less physical impediment there.

Mr. Parrott commented that the mud mat has made a world of difference on the project. They would not have been able to get anything done the last two weeks. Mr. Jaeger said they were able to pick a window of time where they could clean, dry and pack the sub-grade, get it ready and then pour the mud mat on top of it. Then if the weather comes in after that, they still have a place where they can work. They also don't have to go in behind themselves and re-prepare the sub-grade with the steel already in place. There is a distinct advantage to putting it in and it was worth the expense to them to do that.

III. MIEX UPDATE.

Mr. Parrott stated that as far as he knows, we have submitted everything that DNR wants. He is waiting for their approval; at that point we can get the project ready to bid.

IV. BID OPENING – LAKE MCINTOSH PARK AND BOAT RAMP.

Mr. Jaeger reported that we had two bid openings yesterday. The first of the two was the Lake McIntosh Park and Boat Ramp project. We had four contractors that bid; and have experience with all four of them. They were all familiar faces. The low bidder was Headley Construction at a corrected total bid of \$894,980.00.

They had a couple of math errors on their form, which he corrected; but they are still the low bidder. Headley actually is a subcontractor to Willow Construction on the pump station. They are already on site and familiar with the area. He went on to say that they have done quite a bit of work in the county. They built the Water System's Distribution Shop, the Fayette Senior Center and they have been subcontractors on a couple of other pump station projects in addition to the one at Lake McIntosh, which is under construction. He said we have a lot of experience with them, they are a fine contractor, and he has no issue with recommending award to them for this project. He said he would be glad to work with them through the project. The bid came in under his cost estimate which was just over a million and he feels it is a competitive number.

Mr. Parrott explained that this is not the total cost of the project. We will have to run water down to the park. We tried at Lake Horton to put in wells to serve the rest rooms and facilities. The water quality was bad; we tried to filter the well water which did not work. We were a transient non community system and required a separate permit; we had to have an additional permit for these two wells. One of the best things that we did was run a waterline down to the park, which relieved us of the wells, plus we no longer had everything stained black from the water quality. There will be a waterline bid separate for the Lake McIntosh Park. He went on to say that landscaping, in terms of trees and bushes and that type of thing is out of season. There is no need to pay this contractor a premium to come in and do that. The road work, as Mr. Krakeel mentioned at the last meeting, coming down to the park will be a County/Water System project.

Vice Chairman Conner asked if Mr. Jaeger's estimate included the landscaping. Mr. Jaeger replied no. Mr. Jaeger said that he basically used the same bid form that the contractors filled out and put in his own estimates for the prices. The paving includes from the entrance gate back to the dam and the road to it; the road accesses the dam and the pump station, as well as paving the park. It does not include paving the entire access road.

Vice Chairman Chip Conner made a motion to recommend to the Board of Commissioners to accept the low bidder, Headley Construction, at a cost of \$894,980.00. Brian Cardoza seconded and there was no opposition.

V. BID OPENING – HIGHWAY 85 @ BERNHARD ROAD WATERLINE RELOCATION.

Mr. Parrott explained that this bid is because DOT is going to improve the intersection at Highway 85 and Bernhard Road, and the waterline is in the way.

Mr. Jaeger stated that we had this bid opening yesterday as well. We had eight bidders; he said he is familiar with most of them, but not all of them. Mid-South Builders was the low bidder; their total base bid was \$233,680.00. Mid-South has done some work for the county in the past; when the county was building the Loop Waterline (a phased project with six phases), Mid-South built two or three of those

phases. He said he has no problem with Mid-South Builders; they are a quality contractor, they are capable of putting in twenty inch pipe with no problem. He also said that he thinks we had a really competitive bid; the numbers are clustered up pretty well. He said he sees no issue with recommending the award to Mid-South Builders.

Mr. Parrott commented that we have no choice on this and we will pay for it out of our Renewal and Extension fund. The good thing is that anything further south of Bernhard Road; we do not have a waterline, so we are not in the way for the future widening.

Mr. Jaeger stated that we made a decision not to do this with the annual waterline contract that is in place. The reason for that is that we typically don't have a lot of twenty inch waterline work, so the quantities that are in that other contract at bid time were very limited. To date, we have not done any twenty inch this year. He said that we felt it would be better and be to the advantage of the county to bid it out. He said he has looked at the bid compared to the current contract and the numbers are lower; we are better off going with this bid.

Tony Parrott made a motion to recommend to the Board of Commissioners awarding the bid to the low bidder, Mid-South Builders at a cost of \$233,680.00. Vice Chairman Conner seconded and there was no opposition.

CIP DISCUSSION:

Mr. Parrott mentioned that the committee would see some information on a couple of small CIP's at the next meeting. He said that we are having trouble at the Flint River pump station because we now can pump more water; in pumping more water we are pulling in more trash; pulling in more trash is giving us trouble with the pumps. Even though we have a bar screen at the river and another screen in the pump station, this is not sufficient for the amount of trash we are getting. We had leaves get in there and cover the basket strainer that was at the bottom of the pump, and we collapsed that strainer. We had to go in and pump out the pump station to get all the trash out. He said that he and Mr. Jaeger have looked at some traveling screens that continuously move to catch the trash. He said they will have a recommendation on that.

Mr. Parrott explained that we have a SCADA system (Supervisory Control and Data Acquisition); computer operated control valves, tank monitoring, and pump stations. It is radio based, as with our meter reading, we are going to lose the frequency; this is a system that goes back twenty five years. At this point, we need to look at upgrading the technology that is different than when we started. We have a system that has been added to; both times the Crosstown Water Plant was expanded, then, when South Fayette Plant was built. Each time we add a component; all of the technology does not quite match up. The guys can work on it and maintain it, but we are getting close to the point where we are not going to be

able to get parts for some of the replacements. He said he will be bringing this up at a future meeting.

Stephen Hogan commented they have experienced some of the same things, but fortunately they switched over to the digital radios, as opposed to analog, so they don't see as much "hoopla" as the Water System may be experiencing with twenty five year old radios.

EXECUTIVE SESSION:

Jack Krakeel requested executive session for one item of acquisition. Mr. Parrott made a motion and Vice Chairman Conner seconded for the committee to adjourn to Executive Session for the discussion of one acquisition item. Mr. Krakeel updated the committee on this item.

There being no further business, Chairman Pete Frisina adjourned the meeting at 8:30 A.M.

Peter A. Frisina

The foregoing minutes were approved at the regular Water Committee meeting on the 28th day of March, 2012.

Lisa Quick