**VILLAGE OF MICHIANA**

**Special Council Meeting**

**Tuesday, February 25, 2020**

**10:00 a.m. (EST)**

The meeting was called to order by Tim Iverson, Linda Stein, and Kathleen Hogan Morrison were present. Tim Iverson made a motion to excuse Mike Mintz and Phil Bonello; Linda Stein seconded the motion; Motion passed. Also present were Water Street Superintendent Rick Reitz, Josh Gondeck DPW, Anne Heywood Clerk and 1 Village resident.

Purpose of the Meeting:

Proposal for 2020 Water Reliability Study and General Plan

Tim Iverson explained that this study is required by the State to be done every 5 years. Rick Reitz had Wightman put together a proposal since they are one of the few companies that are qualified in the area. Tim Iverson read their Goals and Services:

 **Goals:**

* Update the Village’s previous Water Reliability Study completed by Wightman in 2013 according to recent water system improvements and EGLE standards.
* Update water system model and general plan maps to reflect changes to the service area and recent capital improvements.
* Update water system model including a new set of fire flow tests for model calibration.
* Assess water system reliability and provide recommendations for improvement.
* Provide maps with necessary information for General Plan.

**Services:**

* Analyze existing and projected population and water system customer data.
* Analyze existing and estimated water demands with the system
* Assess the existing water facilities conditions and provide recommendations for system improvements.
* Calculate the amount and investigate possible sources of unbilled water within the system.
* Determine existing water system capacity and assess adequacy based on current and future demands.
* Conduct flow tests in accordance with AWWA standard procedures with the assistance of at least one Village personnel.
* Calibrate existing hydraulic model of water system based on flow testing data to within EGLE required tolerances.
* Produce model runs and determine areas of deficiency for the 15 required demand scenarios.
* Provide recommendations for system improvements based on model runs and the Village’s existing Capital improvements Plan.
* Provide 3 system maps per General Plan requirements.
* Assist the Village in defining a Water Shortage Response Plan.
* Include applicable additional attachments per General Plan requirements
* Submit final, hard copy report to the Village and EGLE.

Iverson made a motion to approve the proposal with Wightman at the cost of $12,500 with an extra 6% to cover cost additional cost like travel, lodging, mileage if needed. Kathleen Hogan Morrison seconded the motion; A roll call vote was taken; 3 Ayes – 0 Nays motion passes. Heywood asked Iverson if this will be paid with the Bond money in reserve. Iverson replied yes, once project is completed and paid for by the Village, Heywood will submit the paper work to Dan Fette the Community Development Director with Berrien County Department of Public Works for reimbursement.

Joel Denenberg a resident on Creek Drive wanted to know if his issue would be brought to Wightman’s attention. Iverson said maybe they might be able to provide some recommendations for improvements. Iverson asked Joel if he has noticed any difference in his water, Joel said that he has no more sediment and the discoloration is still there but not as dark.

Meeting adjourned at 10:16 a.m. (EST)

Respectfully submitted,

Anne Heywood