

**Special Town Board Meeting held May 19, 2016 at 2:00 P.M. at the Town Hall in**

**Schroon Lake N.Y.**

**Present:**

**Town Supervisor:** Michael Marnell

**Councilpersons:** Roger Friedman, Clara Phibbs, Don Sage and Meg Wood

**Town Clerk:** Patricia Savarie

**Chief Water Treatment Plant Operator:** David Clark

**Also Present:**

Supervisor Marnell called the meeting to order at 2:00 P.M. with a salute to the Flag.

David Clark, the Chief Water Treatment Plant Operator, stated that he had met with Ted Marks, owner of Marks Enterprises, and Steve Nadeau to discuss the Town of Schroon needs to improve and upgrade the running and monitoring of the wells, with work being done on the electrical and control improvements.

1. Install a new Square D 125Hp variable speed drive unit to operate and control the #1 well pump motor. It will be an Altivar ATV61HD90N4 rated at 125Hp at 460 volts, three phase. It will replace the 17 year old Square D unit presently in the switchgear. The existing VFD blower assembly and door controls will be removed. The existing control sequence from your PLC will remain intact and provide manual and automatic control of the new VFD. The output of the drive will be connected to a TransCoil output filter to provide additional protection to the submersible motor due to the distance from the VFD to the motor.
2. Install a square D ATS22C17S6U soft start motor starter in each of the 2 VFD cabinets to provide a means of by-pass operation of the motors in the event of a VFD failure. The soft starters provide for a timed start and a timed stop to avoid water hammer and pressuring your system. These soft starters will replace the existing across the line starters presently in place but not used.
3. Install Sigma model 5000, small bore pressure transducers in each of the wells. These will be calibrated 0-(00PS) units capable of accurately transmitting the level of water in the well over the intake of the pump. They will be connected to the shielded cables we installed in 2014. Each transducer will be supported with a stainless cable connected to the unit collar and attached to the casing at the top.
4. Install a Honeywell DR 4500 chart recorder in the office to plot the well levels. The recorder will have a 24 vDC power supply that will power the 2 well transducers. It will also have

overboard relays that will be programmed to provide a low-water cutoff function of the pumps motor based on chosen set points. These analog level signals can also be integrated into your PLC flow chart.

**Resolution # 141 To Approve Upgrade for Running and Monitoring Wells**

Supervisor Marnell moved a resolution to approve all four of the upgrades for electrical and control improvements for the main well site in the amount of \$45,221.00, seconded by Councilman Friedman; carried.

**Resolution #142 To Appropriate Funds from Water Dept. Fund Balance to SW-07-8340.200**

Supervisor Marnell moved a resolution to appropriate \$20,000.00 from the Water Department fund balance to SW-07-8340.200 transmission and distribution, seconded by Councilman Friedman; carried.

**Installing and Repairing Meters**

Councilwoman Wood stated she was wondering how the meters were coming and how many new ones have been installed. Dave stated it is difficult for William Jenks to get to them when he is covering for him and Jim Roblee but is doing his best. Supervisor Marnell stated once the new trainee starts with Jim he will be able to concentrate on installing meters this summer.

Councilwoman Phibbs moved to adjourn at 2:29 P.M., seconded by Councilman Friedman; carried.

I, Patricia J. Savarie, do hereby certify the foregoing to be a true and correct transcript from the minutes now on file in my office and of the whole such original minutes.

Dated: May 20, 2016

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Town Clerk