



Legislation Text

File #: 2016-0173, **Version:** 1

Title
Main Pump Station Evaluation - Proposal

History

The Village of Orland Park Main Pumping Station provides potable water through the Village's water distribution system to more than 58,000 residents. The Main Pump Station was originally constructed in 1985 and the majority of the equipment is exceeding 30 years of age. Over the past several years, the electrical system has become more difficult to maintain and many spare parts for the major components are unavailable. Two of the six main pumps are original to the Station and two were installed in 1989. They have been overhauled at least once during their extended service life. By completing a thorough evaluation of the electrical systems and pumps, we will be able to plan ahead for future improvements, determine replacement alternatives, improve system efficiency, and mitigate risk of difficulties with aged equipment.

Greeley and Hansen of Chicago, Illinois is the original design engineer of the pump station and has provided engineering services for station improvements as our community has grown and our pumping demands increased. For this reason, they were contacted to submit a proposal to evaluate the pump stations electrical and pumping systems. The proposed evaluation will include the motor control center, electrical service transformer, limited SCADA, flow analysis, variable frequency drive evaluation and pump replacement evaluation in the amount of \$49,290.00.

On March 7, 2016, this item was reviewed and approved by the Public Works Committee and referred to the Board for approval.

Financial Impact

Sufficient Funding is budgeted in FY16 Budget account 031-6002-432990.

Recommended Action/Motion

I move to approve to accept the proposal for Main Pump Station Evaluation from Greeley and Hansen of Chicago, Illinois for a cost not to exceed \$49,290.00.