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**City of Pompano Beach  
UTILITIES TREATMENT PLANT**

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**MEMORANDUM NO. 17 – 20**

**DATE:** May 15, 2017

**TO:** Gregory Harrison, City Manager

**VIA:** A. Randolph Brown, Utilities Director *MR for*

**C:** Otis Thomas, General Services Director

**FROM:** Phil Hyer, Utilities Treatment Plants Superintendent *PH*

**SUBJECT:** Award Recommendation for E-31-17 Deep Well Relining Project

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This project is required to reline the Water Plant deep well for membrane plant concentrate disposal. The Department of Environment Protection requires a mechanical integrity test (MIT) every 2.5 years to maintain compliance with our operating permit.

The last several mechanical integrity tests have shown increased deterioration of the steel casing of this deep well. If the integrity of this steel casing fails, the membrane plant and the deep well will have to be taken out of service immediately.

The Utilities Department, in an effort to be proactive, made the decision to re-line the deep well before a failure occurs. The Department of Environmental Protection was contacted to seek approval of delaying the next MIT until the deep well is relined with a fiberglass reinforced piping.

The Department concurred with the Utilities' course of action. They approved the consultant's technical specifications and a permit modification to perform this work. This permit modification for the work expires August 15, 2017.

Bid solicitation E-31-17 was advertised and closed Friday, May 12, 2017. There were two bid packages submitted by well drilling contractors. Both were reviewed by our consultant, who found them to be complete and meeting the experience requirements. Layne Christensen was recommended as the lowest responsive bidder.

Based upon the consultant's review, Utilities recommends that Layne Christensen be awarded Bid E-31-17 Deep Well Relining as the lowest responsive bidder. Funding for this project is available in CIP#17-306 WTP Concentrate Deep Well Re-lining, accounts 420-7584-533.65-11 and 420-7584-533.65-12.