

MEMORANDUM

TO: Donna Barron, City Manager

FROM: Stacie Anaya, Parks and Recreation Director

DATE: August 21, 2018

SUBJECT: **Approval of a Professional Services Agreement with Engineering Associates, Alvord, Texas, for Professional Engineering Services Related to the Sports Lighting System at Lake Park in the Amount of \$60,000; and Authorization for the City Manager to Execute the Agreement.**

BACKGROUND

The lighting system at the Lake Park Sports Complex is antiquated and needs to be replaced for safety, efficiency and effectiveness reasons. The current system is over 40 years old and is showing signs of failure as six poles have collapsed or have been removed due to structural concerns in the past five years. In addition, lighting technology has evolved so much over the past 40 years the current system is not compliant with sports lighting best practices and standards.

ANALYSIS

In June 2018, the Parks & Recreation Department asked WJE Associates to conduct an evaluation of the current lighting system at the sports complex. The report indicated that 20 of the existing 86 steel poles needed to be removed within the next two years. Five of those 20 poles needed to be removed immediately, 10 within 12 months and the remaining five within two years. The first wave of poles had a significant impact on the lighting at the complex, particularly fields #3, #4 and #5 (these fields have been limited to day-time use only). As a precaution the next wave of identified poles needs to be removed before the 2019 Spring/Summer seasons. The removal of these 10 poles will render fields #1, #5, #11 and #13 to be limited day-time use only.

The Lake Park Sports Complex is critical to the City efforts to support sports tourism and provide sports activities to youth and adults for the City of Lewisville and surrounding communities. In effort to limit the interruption of service and provide a safe, quality sports experience for our residents and visitors, replacing the entire system at one time is the most efficient course of action. Initial estimates for the project total \$3.6 million. Staff has identified funds in the CIP budget to cover the project.

The initial step in the project includes plans for demolition of the sports lighting equipment and design of the new light system. Engineering Associates (EA) out of Alvord, Texas has been selected to provide these plans. EA was involved in the design of the Railroad Park lighting systems, as well as the Five Star Complex in The Colony and numerous high school sports complexes in the region. Design of the Lake Park Lighting System will take approximately 30

days. Once the design is complete, staff will work to identify a company to execute the design. Staff will work with the various sports organizations who offer programs at Lake Park Sports Complex to reschedule or relocate games, leagues and tournaments.

RECOMMENDATION

That the City Council approve the agreement as set forth in the caption above; and authorize the City Manager to execute the agreement.