

Memorandum No. 20-59

DATE: October 8, 2020

TO: City Commission

THRU: Greg Harrison, City Manager
John Sfiropoulos, City Engineer
Tammy Good, CIP Manager

FROM: Christopher Schlageter, CGC, Project Manager

Request for Approval

Staff is seeking City Commission approval to execute a Consultant Service Agreement to Tetra Tech, Inc. The City solicited for a single RLI for a wellfield study and Tetra Tech, Inc. was selected as the highest ranked firm. Consequently, Utilities Department requests to execute Consultant Services Agreement with Tetra Tech, Inc. in the amount of \$357,432.00, to provide comprehensive wellfield study services.

Background

On May 16, 2019, the City solicited from hydrogeologic and engineering firms to submit letters of interest, qualifications, and experience for consideration to provide design study services related to existing and new raw water wells through RLI E-28-19. These studies are required in order to provide a plan of action that would permit the Utilities Department to proceed with decommissioning or abandoning older wells that are cost prohibitive to keep on line due to age and a plan for moving wells that are in danger of saltwater intrusion. This study will ensure a sustainable water source into the future.

Scope of Work

The work proposed includes conducting hydrogeological and engineering evaluations of the existing Eastern and Western wellfields to identify locations for new raw water wells using a numerical groundwater flow and transport model, identify raw water transmission main routes, conceptual level well and raw water transmission main costs, and conduct a pre-application meeting with South Florida Water Management District (District) to discuss replacement and relocation of the Eastern and Western wellfield wells and modification of the City's Water Use Permit (WUP).

Recommendation

Staff recommends Approval of the Resolution, which will be funded from CIP 19-349 / Acc# 420-7627-533.65-03.