

COUNCIL ACTION FORM

SUBJECT: **ENGINEERING SERVICES FOR COMBUSTION TURBINE
CONTROLS UPGRADE**

BACKGROUND:

Electric Services is seeking a consulting firm to provide engineering services for the development of plans and specifications and provide consulting and engineering assistance. This project is to upgrade the turbine controls for Combustion Turbines #1 and #2 at the City’s Dayton Avenue substation. The firm will use their expertise and experience to act as an Owner’s Engineer on the City’s behalf for the Combustion Turbine Controls Upgrade project.

On August 29, 2022, a Request for Proposals (RFP) document was posted to the IonWave electronic bidding site by Purchasing. On September 30, 2022, three proposals were received. An evaluation team was formed to review proposals. Proposals were evaluated on experience, qualifications, suitability and clarity of the response, and the Consultant’s ability to prove the quality of services that best meets the needs of the City. Price was not a factor.

FIRM	RANK	PRICE
AP4 Energy Services LLC, Lakeland, FL	1	\$149,670
Sargent & Lundy, LLC, Chicago, IL	2	\$199,000
ENTrust Solutions Group, Warrenville, IL	3	\$265,397

After evaluating the proposals, staff determined that the proposal from AP4 Energy Services LLC, Lakeland, FL, is acceptable. The experience and qualifications of the personnel along with the projects completed for similar combustion turbines by the firm best fit the needs of the City.

The FY 2021/22 Capital Improvements Plan includes \$750,000 for the Combustion Turbine #2 Controls Upgrades, and FY 2023/24 includes \$600,000 for the Combustion Turbine #1 Controls Upgrades.

ALTERNATIVES:

1. Award a contract to AP4 Energy Services LLC, Lakeland, FL, for the Engineering Services for Combustion Turbine Controls Upgrade in an amount not to exceed \$149,670.
2. Award a contract to one of the other firms.

3. Reject all proposals.

CITY MANAGER'S RECOMMENDED ACTION:

The engineering services portion of the Combustion Turbine Controls Upgrade project is necessary to ensure a comprehensive specification is put together, the designs of the new controls systems are compatible with the existing equipment, and the implementation and commissioning of the new controls systems are completed correctly. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as stated above.