



STAFF REPORT

MEETING DATE: June 11, 2025

PRESENTER: John Jansons, City Manager

SUBJECT: Contract with Spectrum Energy Solutions for Solar Performance Analysis and Optimization (JAJ)

RECOMMENDATION: Council by motion adopt resolution approving contract with Spectrum Energy Solutions in the amount of \$8,500 for Solar Performance Analysis/Optimization.

EXECUTIVE SUMMARY:

The proposed resolution **Attachment 'A'** will approve a Contract with Spectrum Energy Solutions in the amount of \$8,500 to perform Solar System Performance Analysis and System Optimization recommendations.

DISCUSSION:

Spectrum Energy Solutions have systems in place and are experienced with analyzing solar system performance and identifying optimization recommendations. The goal of this work is to increase energy efficiency at City facilities (Waste-Water Treatment Plant) and to examine the current systems and propose any improvements and optimization of solar production leading to potential cost savings for the City.

The Professional Services Agreement, **Exhibit 'A'** to the resolution, is for a period of one year to perform the services described above. Approval of the resolution by the City Council will authorize the City Manager to execute the Contract.

FISCAL IMPACT:

The agreement is for a total of \$8,500 for solar performance analysis and optimization recommendations funded by the Waste-Water Operations Fund.

ATTACHMENTS:

A. Resolution w/Exhibit

RESOLUTION NO. 25-__

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF KERMAN APPROVING A PROFESSIONAL SERVICES AGREEMENT WITH SPECTRUM ENERGY SOLUTIONS IN THE AMOUNT OF \$8,500 FOR SOLAR OPTIMIZATION ANALYSIS AND RECOMMENDATIONS.

WHEREAS the City operates solar energy systems and believes it to be beneficial to examine the performance of said systems: and

WHEREAS Spectrum Energy Solutions (SES) is experienced in assessing solar system performance identifying optimization measures and identifying potential cost saving strategies, and

WHEREAS, SES has performed similar work successfully for Reedley, CA; and

WHEREAS, with the age of the current systems, it's necessary to gauge its performance and potential improvement in production; and

WHEREAS, with exponential electrical rate increases levied by Pacific Gas and Electric over the last few years, it has become increasingly imperative for Kerman to look for greater efficiencies, and cost saving opportunities.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Kerman as follows:

1. The foregoing recitals are true and correct and incorporated by reference.
2. The City Council approves the Professional Service Agreement with Spectrum Energy Solutions for solar system performance analysis and optimization **Exhibit 'A'**.
3. The City Council authorizes the City Manager to execute the Agreement.
4. This resolution is effective upon adoption.

The foregoing resolution was adopted by the City Council of the City of Kerman at a regular meeting held on the 11th day of June 2025, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

The foregoing resolution is hereby approved.

Maria Pacheco
Mayor

ATTEST:

Josie Camacho
City Clerk