



Sustainability Analytics LLC
220 19th Street S
La Crosse WI 54601

April 12, 2017

Sustainable La Crosse Commission
Mike Giese, Chairman

Subject: **2016 Greenhouse Gas Inventory and Energy Analysis Proposal**

Dear Mr. Giese,

Sustainability Analytics LLC ("SA") is pleased to provide the Sustainable La Crosse Commission (the "Commission") with the following proposal to complete a greenhouse gas emissions inventory and energy use analyses for 2016. These analyses will utilize *Sustainability Indicator* time series data to estimate greenhouse gas emissions resulting from energy consumption by City of La Crosse ("City") and La Crosse County ("County") governments, and to examine energy consumption of selected facilities with respect to facility size and year-to-year temperature differences.

Description of Service

This proposal includes completion of the following analyses based on *Sustainability Indicator* data for calendar year 2016:

- 1) inventory of greenhouse gas emissions resulting from energy consumption by City and County government operations;
- 2) comparison of annual energy use among selected individual facilities, accounting for differences in facility size and year-to-year temperature differences.

Timeline and Deliverables

By April 20, 2017 SA will have collected, processed and archived the 2016 City and County energy consumption data (see "Data Requirements" below) which are required as inputs for the analyses proposed here. SA will then conduct the analyses described above, with guidance from the City, the County and/or the Commission on which facilities to include in energy use analyses. SA will deliver spreadsheet (xlsx) and presentation (pptx) files -- which include relevant results, tables and figures for each of the analyses -- by May 10, 2017.

Fee

SA will determine the fee based on actual time required to complete work. The total fee will not exceed \$1,500. SA will submit an invoice to the Commission only after first delivering results of the analyses.

Data Requirements

SA will utilize the following City and County government energy consumption data for 2016, which will have been collected, processed and archived as part of the *Sustainability Indicators* update process:

- Electricity usage (City, County)
- Natural gas usage (City, County)
- Diesel fuel usage (City, County)
- Gasoline usage (City, County)
- Propane usage (City police)

In addition, square footage and summer/winter thermostat temperature settings will be needed for each individual facility to be analyzed.

Mr. Giese, thank you for your consideration of this proposal. If you, Commission members or other stakeholders have any questions, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Anders Olson". The signature is fluid and cursive, with the first name "Anders" and last name "Olson" clearly distinguishable.

Anders Olson
Owner, Sustainability Analytics LLC

608.518.7703

anders@sustainanalytics.com



Sustainability Analytics LLC
220 19th Street S
La Crosse WI 54601

April 12, 2017

Sustainable La Crosse Commission
Mike Giese, Chairman

Subject: 2016 *Sustainability Indicator Report* Proposal

Dear Mr. Giese,

Sustainability Analytics LLC ("SA") is pleased to provide the Sustainable La Crosse Commission (the "Commission") with the following proposal to complete the Commission's annual *Sustainability Indicator Report* for 2016.

Description of Service

This proposal includes completion of the 2016 *Sustainability Indicator Report*. The report will summarize all indicator data (government operations and community-wide) in addition to greenhouse gas emission inventory and energy analysis results. SA will prepare draft and final versions of the written report, and present results orally to the Commission.

Timeline and Deliverables

SA will submit a draft version (pdf) of the report to the Commission by May 16, 2017. Oral presentation of this report will be made to the Commission on May 18. Comments and feedback from this presentation will be used to prepare a final version of the report.

SA will submit the final report (pdf and docx) to the Commission by June 15, 2017. Spreadsheet (xlsx) and presentation (pptx) files will also be presented by this date to the La Crosse City Planning Department and the La Crosse County Sustainability Coordinator. Both files will include all figures and tables from the report.

Fee

SA will determine the fee based on actual time required to complete work. The total fee will not exceed \$2,000. SA will submit an invoice to the Commission only after delivering the final report.

Data Requirements

The report will include updated *Sustainability Indicator* data, greenhouse gas emissions inventory estimates, and energy analysis results. SA will have completed updating Indicator data by April 20, 2017 and will have completed greenhouse gas emissions inventory and energy analysis by May 10, 2017.

Mr. Giese, thank you for your consideration of this proposal. If you, Commission members or other stakeholders have any questions, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Anders Olson". The signature is fluid and cursive, with the first name "Anders" and last name "Olson" clearly distinguishable.

Anders Olson
Owner, Sustainability Analytics LLC

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