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**To:** Purchasing Division  
**From:** Alexis Merino, Assistant to the City Manager  
**CC:** George Harris, Finance and IT Director  
**Date:** February 27, 2024

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**Subject:** **Sole Source Justification – ReCarbon, Inc.**

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Memo: As part of the City’s objective, ReCarbon, Inc., upon Council approval, will provide the City with a clean hydrogen pilot plant in the City of Lancaster, demonstrating the efficacy and efficiency of producing hydrogen using their patented and proprietary products.

ReCarbon, Inc. transforms carbon dioxide (CO<sub>2</sub>) and methane (CH<sub>4</sub>) into clean energy using their proprietary plasma reactor emission blade. Plasma Carbon Conversion Unit (PCCU), or greenhouse gas processing system to produce Hydrogen over 50% lower than the theoretical minimum of electrolysis (Electrolyzers) and over 20% lower and 80% cheaper than the industry standard SMR hydrogen production energy method.

ReCarbon, Inc. is a climate technology and professional services business headquartered in Fremont, CA. They hold an unassailable lead over other technologies. Their revolutionary innovation is not a lab concept, but a real-world, commercial technology deployed globally. ReCarbon, Inc. is transforming carbon emissions into clean energy and creating local and revenue-producing solutions.

ReCarbon, Inc. is the only consultant utilizing their proprietary and patented models and tools to produce hydrogen. They are also contracted with the Los Angeles County Sanitation District (LACSD), and the City must comply with all sanitation regulations. With their extensive knowledge and current resources, getting another consultant would contradict any cost savings. Therefore, the City has no cost benefit to obtain additional quotes from other consultants for this project. Your approval is requested to find ReCarbon, Inc. as a sole source vendor.

Please get in touch with Cindy Valdivia at ext. 6181 if you have any questions.

APPROVAL:

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Purchasing Agent – Purchasing Division, Finance

Date