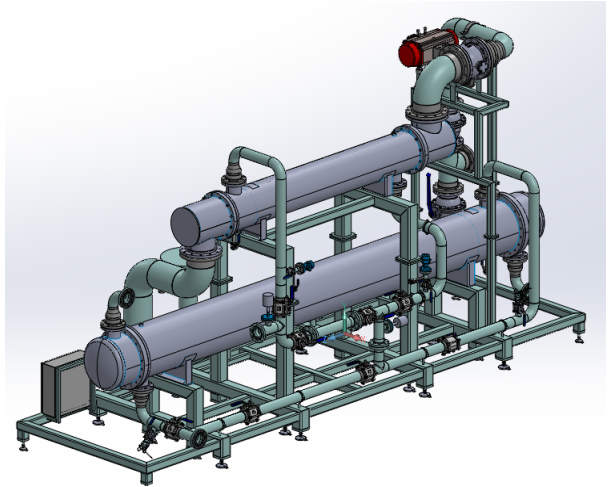


## CPS Awarded A \$9,000,000 Project To Recover Lithium From Electrical Vehicle Batteries

In 2022 CPS was awarded a process design/engineering project to work closely on an innovative approach to purify and recover lithium and other elements from spent EV (electric vehicle) batteries. The future implications of electric vehicle reliance on limited global resources for new raw materials, the high value of lithium and reducing the environmental cost of waste in our landfills provides a significant return on investment for our client and an important supply chain benefit for the EV battery market in general.

With the successful completion of the process design, the CPS team's scope of work was expanded to include the electrical, mechanical, equipment and automation design packages for the process. In late 2022/early 2023, CPS started to purchase the new and used major capital equipment, valves, instrumentation, pumps, tanks, agitation, etc. At the same time, CPS developed 3-D models of the plant equipment layout and process skid design details. The use of prebuilt skids was chosen over on-site stick-built installation in order to address the lack of local contractor availability and to minimize installation time to meet the short project schedule. The skids were designed and built with modular automation so they could be fully pretested with the automation prior to installation – this approach significantly reduced the overall installation schedule.



As a member of the DCI family, CPS is now part of a company with 260 staff members and 4 fabrication locations in the USA. Over the past 45+ years, CPS has demonstrated expertise in the areas of automation engineering, process equipment design, data/information technology, skid fabrication, electrical/instrumentation/mechanical design, and qualification/validation - no project is too challenging. Visit our website to see many of our past projects: [www.c-p-s.com](http://www.c-p-s.com)



A FAMILY OF COMPANIES