

APPROVING CONTRACT WITH SLIPSTREAM FOR US DEPARTMENT OF ENERGY PROJECT UPGRADING WINDOWS & LIGHTING CONTROLS AT THE CITY-COUNTY BUILDING

Dane County Office of Energy & Climate Change (OECC) is seeking authority to accept a \$981,998 research grant from the US Department of Energy (DOE) which will fund a joint Dane County-City of Madison-Slipstream energy efficiency effort to upgrade windows and lighting controls in the suites on the Martin Luther King, Jr., Boulevard façade of the City County Building. This is a three-year project that will measure and document the associated energy savings and related benefits as part of the DOE’s Building Technologies Office.

Under the project we are proposing to replace windows in the suites on floors one through five on the Martin Luther King, Jr. Boulevard side of the CCB. The same suites will get lighting controls that maximize energy savings associated with the new high efficiency windows. As a requirement of the DOE funding, we will couple the project with a rigorous research methodology where Slipstream Group Inc. (Slipstream) will measure energy usage and occupant comfort both before and after the project, creating a detailed technical report for DOE as well as various outreach materials. This project—focused on upgrading windows in an aging public facility—will give Dane County and the City of Madison insights that enable us to address the remaining CCB facades as well as other older facilities. The project will also give us insights that can help us address the remaining CCB windows—and windows in other older buildings—in subsequent budget cycles.

The research Slipstream is doing will showcase findings from the CCB, providing yet another example of how Dane County is leading on clean energy solutions.

The Dane County contract with Slipstream Group Inc. begins now and ends in August 2024.

The Dane County contract with Slipstream is for \$162,674 with Slipstream providing \$18,000 of match for a total of \$180,674. Under the contract Slipstream will:

- Measure baseline energy use in all affected suites for three to six months prior to the installation of the upgrades
- Measure energy use in all affected suites for three to six months after the installation of the upgrades
- Survey suite occupants regarding comfort and other related issues before and after the upgrades
- Work with CCB staff to test the potential for the upgrades to reduce demand charges at CCB
- Write a research report based on the findings
- Develop a case study and slide deck that help to disseminate the findings in coordination with Dane County staff

NOW, THEREFORE, BE IT RESOLVED that the Contract be awarded to Slipstream Group Inc. and that the County Executive and the County Clerk are hereby authorized to sign the contract with Slipstream Group Inc. and to execute the contract.