



City of Racine, Wisconsin

AGENDA BRIEFING MEMORADUM

AGENDA DATE: Transit Commission, September 29th, 2022

PREPARED BY: Trevor Jung, Transit & Mobility Director

SUBJECT:

Communication sponsored by Alder Jones, on behalf of the Transit & Mobility Director, requesting permission to enter into a professional services agreement with McKinstry Essention, LLC to perform an Investment Grade Audit as required by the United States Department of Energy for Solar & Energy Savings Project.

SUMMARY:

Utilizing green energy alternatives is a priority for the City of Racine as it electrifies its transit fleet in the interest of sustainability and cost savings. It is the intention that RYDE Racine's EV bus fleet have the greatest environmental benefit possible by reducing its carbon footprint in way of utilizing the renewable and clean energy source of solar.

With the intent of accessing federal funding to support the design and construction of a solar array at RYDE Racine's Transit Garage, the City of Racine must engage in an Investment Grade Audit for the United States Department of Energy, based on requirements of the City of Racine's designated Congressionally Directed Spending for a bus storage garage solar project.

McKinstry Essention, LLC will complete an Investment Grade Audit for the City of Racine in compliance with Department of Energy specifications with a target completion time of December 2022. To achieve this they will work with the City to establish project scope, further design, spec, and bid the project in "Shovel Ready" detail to align with DOE requirements, conduct geotechnical assessments, identify additional funding, and advance the engineering of the project.

McKinstry is well suited for this phase of the work due to prior engagement with the City of Racine and this project. They have completed both an energy evaluation for federal funding and a detailed engineering study for the City of Racine, which included a storage garage solar PV and battery energy storage feasibility analysis. Due to this, McKinstry is best equipped to aid in the preparation of the Department of Energy's award application via an Investment Grade Audit. Additionally, McKinstry is a company with experience and technical and management capabilities to provide for the discovery, engineering, packaging, procurement, installation, financing, maintenance and monitoring of energy saving measures at facilities similar in size, function and system type to Racine's facilities.

BUDGETARY IMPACT:

Cost not to exceed \$102,000. Paid for through awarded federal project dollars.

RECOMMENDED ACTION:

That the Transit & Mobility Director be granted permission to enter into a professional services agreement with McKinstry Essention, LLC to perform an Investment Grade Audit as required by the United States Department of Energy for Solar & Energy Savings Project.