THE CITY OF ASHEVILLE

STAFF REPORT

Council Meeting Date: June 22, 2021

Subject: Contract for Carbon Tracking System

Staff Resource(s): Amber Weaver, Sustainability Officer
Bridget Herring, Energy Program Coordinator

Action Requested: Resolution authorizing the City Manager to amend a contract with Dude Solutions for Energy Manager, a carbon emissions tracking system.

Background:

- This software is used to track the energy consumption and carbon emissions from the City's buildings which supports Resolution 11-77, the City's 80% carbon reduction goal.
- This will be the third year the City has utilized this software vendor.
- This software demonstrates that carbon emissions from city facilities are predominately from electricity consumption (74%).
- Through the use of the Dude Solutions Energy Manager software system, the Office of Sustainability and Capital Projects Department have been able to confirm energy savings from efficiency projects.
- For example, the city experienced a 5% reduction in carbon emissions in City Hall following the boiler replacement project.
- Dude Solutions Energy Manager software demonstrates that the most carbon intensive buildings are the Mills River Water Treatment Plant, Harrah's Cherokee Center, North Fork Water Treatment Plant, the Municipal Building, and City Hall.
- The Office of Sustainability and Capital Projects Department utilize this software to identify renewable energy opportunities to help mitigate the City's carbon emissions from buildings.
- Additionally, Dude Solutions is utilized by the Capital Projects Department for facilities work order system allowing an opportunity to connect the two systems.

Vendor Outreach Efforts:

- In 2017, staff performed outreach through a solicitation process which included posting on the State's Interactive Purchasing System
- No MWBE firms submitted bids with this prime contractor.

Council Goal(s):

- Clean and Healthy Environment

Committee(s):

- None

Pro(s):

- The contract also includes importing energy usage from the City's Duke Energy bills which otherwise takes considerable staff capacity.
- The software is compatible with the City's facilities work order system.
- This may enable the City to more easily track and measure efficiency projects such as lighting, HVAC upgrades, and track maintenance requests for the solar energy systems that are a new city asset.

Con(s):

- None

Fiscal Impact:

- This contract has a fiscal impact of $39,352.17 for fiscal year 2022. The three year total will be $117,205.10.
- The Green Savings account will be utilized to fund this contract.

Suggested Motion:

- Motion to authorize the City Manager to amend a contract with Dude Solutions for Energy Manager, a carbon emission tracking system.

Attachment(s):

- Resolution

RESOLUTION NO. 21-____

RESOLUTION AUTHORIZING THE CITY MANAGER TO AMEND THE CONTRACT WITH DUDE SOLUTIONS FOR ENERGY MANAGER, A CARBON EMISSION TRACKING SYSTEM

WHEREAS, the City of Asheville has authority pursuant to Article 3 of Chapter 160A of the North Carolina General Statutes to enter into contracts for services with other entities; and

WHEREAS, on April 12, 2011 City Council adopted Resolution 11-77 to reduce municipal carbon emissions by 4% each year until an 80% reduction is reached; and

WHEREAS, Dude Solutions was the vendor identified to assist the City in tracking both energy consumption from municipal buildings and the associated carbon emissions; and

WHEREAS, Dude Solutions shall provide Energy Manager, the tracking system platform, and import energy consumption from utility bills; and

WHEREAS the amount to continue funding the scope of work for fiscal year 2022 is $39,352.17 and will come from the Green Savings Account;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ASHEVILLE THAT:

The City Manager is hereby authorized to amend the contract with Dude Solutions for the Energy Manager, a carbon emission tracking system.

Read, approved, and adopted this the 22nd day of June 2021.

_____ _____

City Clerk Mayor

Approved as to form:

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City Attorney