

Legislation Text

File #: 15-15261, Version: 1

City Facilities Solar Panel Installation Project

Action:

Approve a contract in the amount of \$1,602,640 to the lowest responsive bidder Renu Energy Solutions, LLC for the City Facilities Solar Panel Installation project.

Staff Resource(s):

Phil Reiger, General Services
Sarah Hazel, General Services
Heather Bolick, General Services

Explanation

- This contract will include the design, engineering, and installation of solar panels, including both roof-mounted and ground-mounted arrays, which collectively represent approximately 874.4 kilowatts direct current of total solar capacity.
- Once constructed, these solar panel installations will annually generate over one million kilowatt-hours of zero-carbon electricity, which is equivalent to powering 114 homes with clean, renewable energy.
- The solar panel installations, funded in the FY 2021 Budget, support City Council's Resolution for a Sustainable and Resilient Charlotte, with a goal of sourcing 100 percent of the city's energy use from zero-carbon sources by 2030.
- The solar panel installations have a projected energy cost savings of approximately \$3 million over the 25-year life of the systems.
- The installations will include Charlotte Mecklenburg Police Department (CMPD), Charlotte Fire Department (Fire), and Charlotte Department of Transportation (CDOT) facilities including:
 - CDOT Street Maintenance, 4411 Northpointe Industrial Boulevard (Council District 2),
 - CFD Station #43, 421 Clanton Road (Council District 3),
 - CFD Fire Headquarters, 500 Dalton Avenue (Council District 2),
 - CFD Logistics, 1501 North Graham Street (Council District 2),
 - CMPD, 1419 North Graham Street (Council District 2),
 - CMPD, 5809 Independence Boulevard (Council District 5),
 - CMPD, 11217 Providence Road West (Council District 7),
 - CMPD, 2227 Westinghouse Boulevard (Council District 3),
 - CMPD, 2550 West Boulevard (Council District 3), and
 - CMPD, 4150 Wilkinson Boulevard (Council District 3).
- On February 1, 2021, the city issued an Invitation to Bid; five bids were received.
- Renu Energy Solutions, LLC was selected as the lowest responsive, responsible bidder.
- The project is anticipated to be complete by fourth quarter 2022.

Charlotte Business INClusion

Per Charlotte Business INClusion Policy: Part C: Section 2.1(a) The city shall not establish Subcontracting Goals for contracts where (a) there are no subcontracting opportunities identified for the Contract; or (b) there are no MWBEs or SBEs certified to perform the scopes of work that the city regards as realistic opportunities for subcontracting.

These contracts meet the provision of (a) - No subcontracting opportunities.

Fiscal Note

Funding: General Capital Investment Plan

Attachment(s)

Map