

## Legislation Details (With Text)

<b>File #:</b>	15-15261	<b>Version:</b>	1	<b>Name:</b>	
<b>Type:</b>	Consent Item	<b>Status:</b>		Agenda Ready	
<b>File created:</b>	2/18/2021	<b>In control:</b>		City Council Business Meeting	
<b>On agenda:</b>	3/22/2021	<b>Final action:</b>			
<b>Title:</b>	City Facilities Solar Panel Installation Project				
<b>Attachments:</b>	1. Map_City Facilities Solar Panel Installation Project				

Date	Ver.	Action By	Action	Result
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## 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