



Legislation Details (With Text)

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<b>Type:</b>	Business Item	<b>Status:</b>		Approved	
<b>File created:</b>	1/10/2020	<b>In control:</b>		City Council Business Meeting	
<b>On agenda:</b>	2/24/2020	<b>Final action:</b>		2/24/2020	
<b>Title:</b>	Grant for Solar-Powered Electric Vehicle Charging Stations				
<b>Attachments:</b>	1. Grant for Solar-Powered Electric Vehicle Charging Stations - Location Map.pdf, 2. CFAT Budget Ordinance				

Date	Ver.	Action By	Action	Result
2/24/2020	1	City Council Business Meeting	Approve	Pass

**Grant for Solar-Powered Electric Vehicle Charging Stations**

**Action:**

- A. Authorize the City Manager to accept a grant in the amended amount of \$245,147 from the North Carolina Clean Energy Technology Center for the purchase of electric vehicle charging stations,**
- B. Approve a contract with Envision Solar International Inc. for the purchase of mobile solar-powered electric vehicle charging stations,**
- C. Approve the purchase of mobile solar-powered electric vehicle charging stations by the sole source exemption, and**
- D. Adopt a budget ordinance appropriating \$245,147 from the North Carolina Clean Energy Technology Center for electrical vehicle charging stations.**

**Staff Resource(s):**

Phil Reiger, General Services  
 David Wolfe, General Services  
 Sarah Hazel, City Manager’s Office

**Sole Source Exemption**

- G.S. 143-129(e)(6) provides that formal bidding requirements do not apply when:
  - Performance or price competition are not available;
  - A needed product is available from only one source or supply; or
  - Standardization or compatibility is the overriding consideration.
- Sole sourcing is necessary for this contract because there is only one supply source.
- City Council approval is required for purchases made under the sole source exemption.

**Explanation**

- On June 24, 2019, City Council authorized the City Manager to accept a grant from the North Carolina Clean Energy Technology Center (NCCETC) in the amount of \$178,795 to support the purchase of three solar-powered, transportable, electric vehicle (EV) charging stations.
- The city would like to purchase a fourth charging station through additional funds provided by the NCCETC.
- The four EV chargers will be housed at Fire Headquarters at 500 Dalton Avenue, located in Council District 2, and can be moved to different locations around the city.
- The chargers support the city’s growing fleet of electric vehicles and provide free and accessible

charging stations to the public.

- These chargers support the Strategic Energy Action Plan and American Cities Climate Challenge goals of utilizing renewable energy, supporting electric vehicles, and incorporating equity into sustainability decisions.
- The total purchase cost is \$345,511 with \$245,147 coming from the NCCETC grant and the city's local match of \$100,364. The local match is available within current appropriations.

**Charlotte Business INclusion**

This is a sole source contract and is exempt (Part A: Appendix 1.27 of the Charlotte Business Inclusion Policy).

**Fiscal Note**

Funding: NC Clean Fuel Advanced Technology Grant and General Capital Investment Plan

**Attachment(s)**

Map  
Budget Ordinance