



Legislation Details (With Text)

File #:	15-6897	Version:	1	Name:	
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File created:	10/31/2017	In control:	City Council Business Meeting		
On agenda:	1/8/2018	Final action:	1/8/2018		
Title:	Charlotte Water Generator Equipment				
Attachments:	1. Mallard Creek WWTP Map, 2. Lee S. Dukes WTP Map				

Date	Ver.	Action By	Action	Result
1/8/2018	1	City Council Business Meeting	Approve	Pass

Charlotte Water Generator Equipment

Action:

- A. Approve the purchase of generators, switchgear, fuel tanks, silencer and other integral equipment for standby generator systems from a cooperative purchasing contract as authorized by G.S. 143-129(e)(3) for Charlotte Water facilities,**
- B. Approve a unit price contract with Carolina Tractor & Equipment Company for the purchase of four 3,000 kW standby generators including switchgear, fuel tanks, silencers and other integral equipment, necessary for the generator systems for a term of one year under National Joint Powers Alliance Contract No. 080613 dated September 17, 2013,**
- C. Approve a contract with Carolina Tractor & Equipment for a 10 year term for the preventative maintenance of four 3,000 kW generators, and**
- D. Authorize the City Manager to extend the contract for additional one-year terms as long as the cooperative contract is in effect, at prices and terms that are the same or more favorable than those offered under the cooperative contact.**

Staff Resource(s):

Angela Lee, Charlotte Water
Ron Hargrove, Charlotte Water

Cooperative Purchasing Exemption

NC S.L. 2001-328, effective January 1, 2002, authorizes competitive group purchasing.

Explanation

- In December 2016, a Preliminary Engineering Report recommended that additional standby power capability was needed at the Mallard Creek Wastewater Treatment Plant and Lee S. Dukes Water Treatment Plant. The current generators do not provide sufficient power for the pumps to run at their full capacities, which is essential to support current and future demands.
- Carolina Tractor & Equipment Company is currently the only manufacturer for 3,000 kW Tier 4F generators. Tier 4F generators are required to allow Charlotte Water to continue participating in Duke’s PowerShare program. Tier 4 standards are based on EPA regulations for diesel generators that are implemented in a series of steps called “Tiers”.
- Carolina Tractor & Equipment Company has a contract awarded through National Joint Powers Alliance that offers competitively obtained contracts to public agencies nationwide (i.e. for utilities

- applications, public safety, etc).
- A total of four 3,000 kW Tier 4F generators will be required, two for each of the mentioned facilities. The company will be paid the unit prices set forth in the cooperative contract, a copy of which is available upon request.
- G.S. 143-129 (e) (3) allows local government to make purchases through a competitive bidding group purchasing program, which is a formally organized program that offers competitively obtained purchasing services at discount prices to two or more public agencies
- Estimated costs for the purchase of the generators and preventative maintenance is \$11,000,000

Charlotte Business INclusion

These are cooperative purchasing contracts and are exempt (Part A: Appendix 27 of the Charlotte Business INclusion Policy).

Fiscal Note

Funding: Charlotte Water Community Investment Plan

Attachment(s)

Map