



Legislation Details (With Text)

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<b>Type:</b>	Consent Item	<b>Status:</b>	Approved		
<b>File created:</b>	7/31/2017	<b>In control:</b>	City Council Business Meeting		
<b>On agenda:</b>	10/9/2017	<b>Final action:</b>	10/9/2017		
<b>Title:</b>	Generator and Uninterruptible Power Supply Project				
<b>Attachments:</b>	1. Environmental Services Facility				

Date	Ver.	Action By	Action	Result
10/9/2017	1	City Council Business Meeting	Approve	Pass

**Generator and Uninterruptible Power Supply Project**

**Action:**

**Approve a contract in the amount of \$163,000 with AME Consulting Engineers, Inc. for professional engineering services for the Generator and Uninterruptible Power Supply Project.**

**Staff Resource(s):**

Barry Gullet, Charlotte Water  
Carl Wilson, Charlotte Water

**Explanation**

- The Environmental Services Facility (ESF), located at 4222 Westmont Drive, is the central laboratory facility for the majority of the water and wastewater testing in Mecklenburg County. More than 250,000 analyses for organic and inorganic chemical components and microbiological organisms are performed annually.
- The contract with AME Consulting Engineers, Inc. will provide professional engineering design and construction administration services for the upsizing of the existing generator systems, related equipment, and installation of a centralized Uninterruptible Power Supply (UPS).
- The current generator at the ESF does not provide sufficient power for all existing equipment to function in the event of an emergency. The new, upsized generator will provide complete power for the entire facility, allowing sustained operations in the case of an emergency event.
- Additionally, a UPS is needed to prevent momentary loss of power that can damage sensitive lab equipment.
- Three proposals were received from interested service providers in response to the City’s Request for Qualifications.
- AME Consulting Engineers, Inc. was determined as the best qualified firm to meet the City’s needs on the basis of demonstrated competence and qualification of professional services.
- The construction contract is anticipated to come to City Council for approval in fall of 2018.

**Charlotte Business INclusion**

For services contracts under \$200,000, a City MWSBE may count the work it intends to perform with its own workforces towards the MWSBE Subcontracting Goals (Part C: Section 3.1.4 of the Charlotte Business Policy). Therefore, 100% of the project participation is being committed to AME Consulting Engineers, Inc., an SBE, who has committed 7.33% (\$11,950) of the total contract amount to the following certified firms:

- Zapata, Inc. (MBE) (\$10,100) (site, civil, and structural engineering services)
- LDSI, Inc. (SBE) (\$1,850) (surveying)

**Fiscal Note**

Funding: Charlotte Water Community Investment Plan

**Attachment(s)**

Map