

# CITY OF HIGH POINT

## AGENDA ITEM



### **Title: Eastside Wastewater Treatment Plant – UV System Repair**

**From:** Terry Houk – Public Services Director  
Carol McDowell – Public Services Asst. Director

**Meeting Date:** September 21, 2015

**Public Hearing:** N/A

**Advertising Date:** N/A

**Advertised By:** N/A

**Attachments:** Finance Director Memo  
Attachment A – Maintenance Estimate for Repair

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#### **PURPOSE:**

The Public Services Maintenance Division is working to repair the Eastside Wastewater Treatment Plant Ultra Violet Light Disinfection System (UV System).

#### **BACKGROUND:**

The filtered water at Eastside runs through UV System to be disinfected before being discharged to Deep River channel and Randleman Reservoir. This is a critical process for plant compliance. The UV System experienced a power surge Wednesday night, September 9, 2015. This power surge damaged components critical to the operational effectiveness of the UV system.

The plant has three (3) UV channels composed of two banks of lights. Maintenance has Channel 2 out of service to repair hydraulic components and lamps. Channels 1 and 3 were affected by the power surge on September 9, 2015. At this time Bank 1A for both Channel 1 and 3 cannot perform proper disinfection. With Bank A for both channels out of service, Bank B is operating for both channels with no back-up capabilities.

The components needed will restore Channels 1 & 3 disinfection capabilities.

EW2 Environmental is the sole source supplier of the components needed to bring the UV System back to full operation.

#### **BUDGET IMPACT:**

Funds for this project are in the following account: **621757-526101**

#### **RECOMMENDATION / ACTION REQUESTED:**

The Public Services Department recommends approval of the sole source contract to EW2 Environmental in the amount of \$84,781.38, and that the appropriate City official be authorized to execute all necessary documents.



## MEMORANDUM

September 11, 2015

**MEMO TO:** Randy McCaslin, Deputy City Manager  
**FROM:** Jeffrey A. Moore, Financial Services Director  
**SUBJECT:** Recommendation for Sole Source Authorization

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Please add this recommendation to the sole source item for City Council's consideration at their September 21, 2015, Council meeting:

The City Council approved a sole source exception for the installation of the Trojan ultraviolet disinfection system at its August 3, 2009 meeting. The wastewater treatment plants require replacement parts for the UV system which can only be acquired from the vendor. To remain compliant with NC general statutes, City Council is requested to authorize an exception to the bid laws for this equipment.

1. In order to complete the purchase, City Council is requested to approve an exception to the bid laws under the "sole source qualification" for the purchase of Trojan UV equipment for the Public Services Department from EW2 Environmental.

State statute (G.S. 143.129(e)(6)) requires City Council to specifically authorize "qualified sole source" exceptions to the bid laws prior to awarding the contract. This purchase for the Public Services Department continues to meet the standard for "standardization considerations" as a qualified exemption. Representatives of the Public Services Department will be present to answer any questions which may arise.

2. City Council is requested to approve the acquisition of the Trojan UV equipment from EW2 Environmental. The required funds of \$84,781.38 for the purchase are budgeted in the Water & Sewer Operations Fund.

Accounting  
336.883.3240

Internal Audit  
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Purchasing  
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Treasury Services  
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