

**CONTRACT ROUTING FORM**

1. Complete the information below BEFORE printing and completing items 2 through 7. Items in red are required.

Department: Public Works

Department contract file name (use effective date): Hydrostructures\_PublicWorks\_20240223

Project Code: Click here to enter text.

Contract type: Other

Contracted Services/Goods: Engineering Services

Contract Component: Other

Change Order Number/Addendum Number: Click here to enter text.

Vendor Name: Hydrostructures

Effective Date: 02/23/24

Approved by: County Manager

Date approved by the BOC: Click here to enter text.

Ending Date: Click here to enter a date.

Total Amount: \$ \$10,500

Please Return Contract to:  
Name: Wendy Paschal  
Email: wendy.paschal@chathamcountynyc.gov  
Special Instructions for Clerks  
Office:

2. Department Head or his/her designee has read the contract in its entirety.

By:  (Department Head signature required)

3. County Attorney has reviewed and approved the contract

County Attorney has reviewed and rejects the contract  Reason: \_\_\_\_\_

This is an automatic renewal and does not require approval from the County Attorney: Yes  No

If this box is checked the County Attorney's Office has reviewed the contract but has not made needed changes to protect the County because the contract is a sole source contract and the services required by the County are not available from another vendor.

4. Technical/MIS Advisor has reviewed the contract if applicable. Yes  No

5. Vendor has signed the contract. Yes  No

6. A budget amendment is necessary before approval. Yes  No

If budget amendment is necessary, please attach to this form.

7. Approval

Requires approval by the BOC - contracts over \$100,000.00. Follow Board submission guidelines.

Requires approval by the Manager – contracts \$100,000 or less.

8. Submit to Clerk.

**Clerk's Office Only**

Finance Officer has signed the contract

The Finance Officer is not required to sign the contract

## **TASK AUTHORIZATION**

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TO: Hydrostructures, P.A.  
CONTRACT: Master Services Agreement -dated 7/1/22 amended to 6/30/24  
DATE: 2/20/24  
PO Number (if required): \_\_\_\_\_

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### **TASK No. 1**

TASK NAME: WTP Cleaning / Video Inspection

#### **SCOPE OF WORK:**

The County has requested that Hydrostructures perform video inspection and cleaning at the Water Treatment Plant (WTP) at 290 Beaver Creel Rd., Apex, NC. County staff believe there is a restriction in the clarifying basin process. Video inspection will be used to investigate the cause of the possible restriction. It is expected that the restriction is potentially caused by debris buildup on the pipe surface or a defect inside the pipeline. The initial phase of investigation will occur with cleaning of piping at the intake to the mixing chamber then proceed with cleaning/video of the clarified water channels and distribution lines. Cleaning will be performed to remove any debris as long as pipe integrity appears sufficient for cleaning.

#### **Video Inspection**

The various piping/channels will be video inspected using a color, pan and tilt push camera and robotic camera. This push camera is designed to access small diameter pipelines. The crew may have to pull/push the camera from both access points in order to capture complete video between the access points. The robotic tractor will be used in the main clarifying channels and distribution lines to limit the need for confined space entries.

#### **Cleaning**

If video inspected reveals debris build-up as the problem, Hydrostructures will be prepared to clean the piping between the access points (as long as pipe integrity appear sufficient). Cleaning will be performed using high velocity jetter/vacuum



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truck and various hydraulic and mechanical cleaning nozzles depending upon the debris consistency encountered. Debris will be removed from the pipe, captured, and vacuumed into the truck for disposal.

**Services Provided by Owner:**

- Provide access to piping and distribution lines by removal of plugs/caps. Dewatering the basins prior to work beginning

**PROPOSED FEE:**

We estimate that the work can be completed in 1-2 day onsite. An additional day is provided as contingency. We propose to complete the work described above for the following not-to-exceed fees:

Project Coordination .....	\$500.00
Cleaning / CCTV (1 Day = 10 hours onsite).....	\$5,000.00
Additional Cleaning / CCTV (1 Day = 10 hours onsite).....	\$5,000.00
<b>Estimated Budget.....</b>	<b>\$10,500.00</b>

**SCHEDULE:**

We can schedule work immediately upon authorization. Hydrostructures has a crew scheduled to perform the work on February 27<sup>th</sup> and 28<sup>th</sup> (if req'd).

SUBMITTED BY: W. Douglas Greenlee DATE: 2/23/24  
W. Douglas Greenlee – Operations Manager  
Hydrostructures, PA

APPROVAL BY: [Signature] DATE: 2/26/24\*

\*Notice to Proceed Date This instrument has been pre-audited in the manner required by the Local Government Budget and Fiscal Control Act.

Roy Lynch  
Roy Lynch, Finance Officer

