

# CITY OF HIGH POINT

## AGENDA ITEM



**Title:** Wharton-Smith, Inc.  
Eastside WWTP Solids Handling Improvements  
Change Order 7

**From:** Terry Houk – Public Services Director  
Derrick Boone – Asst. Public Services Director

**Meeting Date:** September 19, 2018

**Public Hearing:** No

**Advertising Date:** N/A  
**Advertised By:** N/A

**Attachments:** Attachment A – Change Order Documents

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**PURPOSE:** The City of High Point disposes bio-solids from the wastewater system via incineration. The work for this project included installation of two new centrifuges, two new cake pumps, and rehabilitation of the incinerator to comply with new EPA air emission requirements.

The City prepurchased the centrifuges, cake pumps, and incinerator under separate bids. This project installed all the new equipment and any additional required equipment to make the new solids handling system operational.

**BACKGROUND:** This change order is for additional repairs and replacement of mercury control equipment identified during the project.

**BUDGET IMPACT:** Funds for this change order are available in the adopted budget.

**RECOMMENDATION / ACTION REQUESTED:** Public Services is recommending that Council approve Change Order 7 to Wharton - Smith, Inc. for \$1,216,000.

# Change Order

No. 7

Date of Issuance: August 27, 2018

Effective Date: August 27, 2018

Project: Eastside WWTP Solids Handling Improvements	Owner: City of High Point	Owner's Contract No.: Bid No. 13-121014
Contract: Eastside WWTP Solids Handling Improvements		Date of Contract: January 29, 2015
Contractor: Wharton-Smith, Inc.		Engineer's Project No.: 3460-014

## **The Contract Documents are modified as follows upon execution of this Change Order:**

### Description:

See the work items identified in Contractor's July 25, 2018 letter and the labor rates set forth in Contractor's June 8, 2018 letter (copies of which are attached to this Change Order). Contractor's compensation for the performance of these work items will be on a time and materials basis, with labor being charged at the rates set forth in Contractor's June 8, 2018 letter and materials and other costs being charged at Contractor's costs plus a 15% markup. Contractor's current non-binding estimate of Contractor's total charge for the performance of these work items is \$1,216,000. If during performance of this work Contractor anticipates that the total charge for a work item will be greater than 110% of the Estimated Budget for that item set forth in Contractor's July 25, 2018 letter, Contractor will notify Owner and Engineer immediately and will provide an updated Estimated Budget for that work item to Owner and Engineer. Substantial completion of the work items covered by this Change Order will be achieved by November 1, 2018, and Final Completion of the work items covered by this Change Order will be achieved by December 31, 2018. Notwithstanding anything in the contract documents or this change order to the contrary Wharton-Smith, Inc. reserves and retains its rights to seek additional contract time resulting from the additional work granted by this change order.

### **Attachments (list documents supporting change):**

Contractor's June 8, 2018 Letter

Contractor's July 25, 2018 Letter

**CHANGE IN CONTRACT PRICE:**

Original Contract Price:

\$8,847,850.00

[Increase] [Decrease] from previously approved  
Change Orders No. 0 to No. 6:

\$1,788,869.05

Contract Price prior to this Change Order:

\$10,636,719.05

Increase of this Change Order:

See Above

Contract Price incorporating this Change Order:

See Above

**CHANGE IN CONTRACT TIMES:**

Original Contract Times: ☐ Working days ☒ Calendar days

Substantial completion (days or date): February 25, 2016

Ready for final payment (days or date): March 26, 2016

[Increase] [Decrease] from previously approved Change Orders  
No. 0 to No. 6:

Substantial completion (days): 126

Ready for final payment (days): 126

Contract Times prior to this Change Order:

Substantial completion (days or date): June 30, 2016

Ready for final payment (days or date): July 30, 2016

Increase of this Change Order:

Substantial completion (days or date): See Above

Ready for final payment (days or date): See Above

Contract Times with all approved Change Orders:

Substantial completion (days or date): See Above

Ready for final payment (days or date): See Above

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Change Order No. 6  
High Point Eastside WWTP  
Solids Handling Improvements  
Bid No. 13-121014

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RECOMMENDED:

By: Benny F. Burt  
Hazen & Sawyer

Date: Sept. 4, 2018

ACCEPTED:

By: \_\_\_\_\_  
City of High Point (Authorized Signature)

Date: \_\_\_\_\_

ACCEPTED:

By: \_\_\_\_\_  
City of High Point - Finance

Date: \_\_\_\_\_

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ACCEPTED by CONTRACTOR: Wharton-Smith, Inc.

By: \_\_\_\_\_  
Contractor (Authorized Signature)

Date: \_\_\_\_\_



Wharton-Smith, Inc.  
CONSTRUCTION GROUP

June 08, 2018

Barry Bickerstaff, P.E.  
Hazen and Sawyer  
4011 WestChase Blvd. Suite 500  
Raleigh, NC 29607

RE: *Time & Material Rates for FBIS modification change order work*

Dear Barry,

The following is a rate sheet to be utilized by Wharton-Smith, Inc. for work performed throughout the FBIS Modification change order.

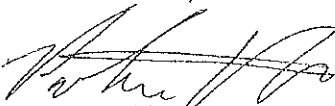
PROJECT STAFF	STRAIGHT TIME BILLING RATE/HOUR
SENIOR PROJECT MANAGER	\$98.00
PROJECT MANAGER	\$86.00
GENERAL SUPERINTENDENT	\$98.00
SUPERINTENDENT	\$86.00
PROJECT ENGINEER	\$52.00
SECRETARIAL/CLERK	\$35.00
FIELD ENGINEER	\$52.00
TIME KEEPER/JOB ACCOUNTING	\$35.00
SAFETY OFFICER	\$58.00
CRANE OPERATOR	\$46.00
SENIOR FOREMAN	\$52.00
FOREMAN	\$50.00
CARPENTER	\$40.00
PIPELAYER	\$40.00
HELPER	\$35.00
LABORER	\$32.00

Wharton-Smith will bill the project as T&M as much as possible, however monthly non-jobsite general conditions, and travel and lodging that are related to the project will be billed as a separate item.

If there are any questions concerning this matter, do not hesitate to call.

Sincerely,

WHARTON-SMITH, INC.

  
Patrick Reynolds  
Project Manager

5601 Seventy Seven Center Drive, Suite 120 Charlotte, NC 28217 | Phone: (704) 525-5695 | Fax: (704) 525-5697

FL - CG C032669 | AL - 45684 | LA - 52227 | MS - 18232MC | GA - GCCO 001333 | NC - 38755 | SC - G97817 | TN - 62419 | VA - 2705121584A

# Hazen

4011 WestChase Blvd, Suite 500  
Raleigh, NC 27607  
Phone: 919-833-7152

REQUEST FOR PROPOSAL # 047	
Project	City of High Point Eastside WWTP Solids Handling Improvements High Point Bid No. 13-121014 High Point, NC
Contractor	Wharton-Smith, Inc.
Subject	GAC Absorber & Associated Equipment Removal
Reference Spec. Section/Drawing No.	Divisions 01, 15, and 16

*In accordance with the General Conditions of the Contract Documents, you are hereby requested to submit a cost along with detailed breakdowns to perform the following work.*

1. Contractor shall remove the existing GAC Absorber and associated equipment and shall store in a location as directed by the Owner. The following will be required:
  - a. All ducts and piping shall be disconnected from the GAC Absorber. Ducts and piping to remain shall be temporarily supported and sealed.
  - b. All electrical conduit shall be safely disconnected, temporarily supported, and appropriately sealed.
2. All work shall be performed on a time and materials basis. The Contractor shall submit as part of this RFP proposal their current unit rates for labor, equipment, project management, etc., required to perform construction work. These rates will be the basis for future work to be completed. Adequate records shall be kept properly documenting time and materials costs.

**Attachments:** None

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Requested By: Georgina Varelas  
Hazen and Sawyer

Date: May 31, 2018

CC: T. Houk – CoHP, G. Varelas – H&S, T. Johnson-H&S, B. Bickerstaff – H&S, A. White – H&S



July 25, 2018

Barry Bickerstaff  
Hazen and Sawyer  
4011 West Chase Blvd., Suite 500  
Raleigh, NC 27607

RE: City of High Point  
Eastside WWTP Solids Handling Improvements  
*Request for Change Order (RCO) – Incinerator System Modifications*

Dear Mr. Bickerstaff:

We are submitting the above referenced request for change order in the amount of \$1,216,000 to provide additional services to upgrade the incinerator system at the Eastside WWTP. We propose to furnish all necessary labor, materials, tools, equipment, and supervision required for this work.

We have included the breakdown estimated budget summary to further define our scope of work. Only the items listed in the Summary are to be considered as included in our scope of work. No cost allowance has been made for items of work not contained in the Summary, and are specifically excluded. This estimated budgeted cost should not be considered a not to exceed budget. The design is currently being developed and these design details are required for us to provide exact pricing information. We will confirm pricing as soon as we have sufficient design and understand the full scope of work.

**ESTIMATED BUDGET SUMMARY**

<u>Description</u>	<u>Estimated Budget</u>
RFP 41 through 46	140,000
Gore Duct Mods	160,000
Scrubber Venturi Pumps	24,000
Gore Platform & Supports	210,000
Instrumentation & Controls	240,000
Miscellaneous Repairs	252,000
Demo GAC & Install Gore	90,000
<u>Contingency</u>	<u>100,000</u>
<b>RCO Total</b>	<b>\$1,216,000</b>



**Wharton-Smith, Inc.**  
CONSTRUCTION GROUP

Please be advised that the work outlined in this request for change order is a change to the original contractual scope of work. At the present time we are unable to determine the schedule impact of this changed work. Upon receipt of a written Work Change Directive, activities for the altered work will be incorporated into our schedule to determine impacts, if any, and the overall effect on the project completion date.

At this time, you are requested to issue a Change Order, so we may proceed with this work.

If there are any questions concerning this matter, do not hesitate to call.

Sincerely,

WHARTON-SMITH, INC.

Patrick Reynolds  
Project Manager

File / 15-003 / C-08A