

# CITY OF HIGH POINT

## AGENDA ITEM



**Title:** Amendment 12 – Engineering Services for Westside WWTP

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

**Meeting Date:** June 5, 2017

**Public Hearing:** N/A

**Advertising Date:** N/A

**Advertised By:** N/A

**Attachments:** Attachment A – Amendment No. 12  
Formal Bid Recommendation

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### **PURPOSE:**

This amendment modifies the original agreement entered on November 2004 for engineering services related to the Westside WWTP upgrade. The scope of services is amended to include the additional duration of the construction for Phase 3.

### **BACKGROUND:**

Westside WWTP Phase 3, is the final project in completing the expansion of the plant from 6.2 MGD to 8.2 MGD and finally to 10.0 MGD. The upgrade has been extended by 9 months and this amendment covers engineering services overseeing the project.

### **BUDGET IMPACT:**

Funds for this project are available in the 2016-2017 Budget.

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

The Public Services Department recommends approval of the Amendment to Hazen and Sawyer for \$484,672.00 for engineering services at the Westside WWTP.



Hazen and Sawyer  
4011 WestChase Boulevard, Suite 500 • Raleigh, NC 27607

**AMENDMENT NO. 12**  
**CONTRACT FOR**  
**PROFESSIONAL ENGINEERING SERVICES**  
**for**  
**WESTSIDE WASTEWATER TREATMENT PLANT**

This AMENDMENT NO. 12 modifies the original Agreement entered into on November, 2004 for engineering services related to the Westside Wastewater Treatment Plant, by and between THE CITY OF HIGH POINT, NORTH CAROLINA (OWNER) and HAZEN AND SAWYER, P.C. (ENGINEERS).

WITNESSETH, that the parties hereto do mutually agree as follows:

**ARTICLE I - DESCRIPTION OF PROJECT**

The scope of services related to the project contained in the original Agreement as amended is to be modified by this Amendment No. 12 to include additional duration of construction for the Phase 3 Improvements at the Westside WWTP.

**ARTICLE II - SERVICES TO BE PERFORMED**

The services provided will be consistent with Amendment 9 to the original contract for Office Construction Administration and Field Construction Services for the extended construction schedule.

**ARTICLE III - SCHEDULE**

The work to be performed and the services to be rendered under this Amendment No. 12 and will be for Construction Services through September of 2017.

**ARTICLE IV - COMPENSATION**

For the project described in Article I and scope of services described in Article II of the original Agreement as amended by this Amendment No. 12, the OWNER shall

pay the ENGINEER all allowable and allocable costs that are incurred up to the cost ceilings indicated below under Basis of Compensation or the lump sum amounts contained therein.

## BASIS OF COMPENSATION

	<u>Lump Sum</u>
Construction Administration Office	\$58,080.00
Construction Administration Field Services	\$166,592.00
Construction Administration Office T&M for Contractor Delay	\$160,000.00
Overtime for field services	\$100,000.00
<b>Total</b>	<b>\$484,672.00</b>

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, the Effective Date of which is indicated on page 1.

OWNER:

City of High Point

By:

Title: City Manager

Date Signed:

Address for giving notices:

Public Services Department

P O Box 230

High Point, NC 27261

Designated Representative (paragraph 6.02.A):

Terry Houk

Title: Public Services Director

Phone Number: (336) 883-3215

Facsimile Number: (336) 883-1675

E-Mail Address : terry.houk@highpointnc.gov

ENGINEER:

Hazen and Sawyer, P.C.

By:

Title: Vice President

Date Signed:

Address for giving notices:

4011 WestChase Blvd.

Suite 500

Raleigh, NC 27607

Designated Representative (paragraph 6.02.A):

Alan Stone, P.E.

Title: Vice President

Phone Number: (919) 755-8569

Facsimile Number: (919) 833-1828

E-Mail Address: astone@hazenandsawyer.com

## APPROVAL BY CITY ATTORNEY

Approved as to form and legality:

\_\_\_\_\_  
JoAnne Carlyle, City Attorney

\_\_\_\_\_  
Date

## APPROVAL BY FINANCE OFFICER

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

\_\_\_\_\_  
Jeff Moore, Financial Services Director

\_\_\_\_\_  
Date

## Attachment 1

**Amendment 12**  
**Construction Administration/Construction Services**  
**Westside WWTP Improvements Phase 3**  
**City of High Point**  
**Based on Manhour Estimates/Unit Cost**

**Construction Administration (Office)**

Project Management				
6 Months	16	Hours X	\$195 /Hour	\$18,720
Review Meetings				
6 Meetings	16	Hours X	\$195 /Hour	\$18,720
Submittal Review				
10 Submittals	8	Hours X	\$140 /Hour	\$11,200
Interpretations/Clarifications				
	10	Hours X	\$140 /Hour	\$1,400
Pay Requisition Review				
6 requisitions	4	Hours X	\$195 /Hour	\$4,680
Change Orders				
7 changes	3	Hours X	\$160 /Hour	\$3,360
Total Office Construction Fee				\$58,080

**Construction Administration (Field Services)**

Full Time Inspector

Assume	8 Months			
Direct Labor Rate =		\$43.00 per hour	\$7,453 per month	
\$7,453	X	2.7 (field multiplier)	\$20,124 per month	
8	X	\$20,124 per month =	\$160,992	
Auto Allowance	7 months X	\$700 month	\$5,600	

Total Field Fee \$166,592

**Construction Administration (Office) provided on a Time and Materials Basis  
for construction schedule delay**

8 X \$20,000 per month = \$160,000

**Construction Overtime for field service on Time and Material Basis**

\$100,000

**Total Construction Services Fee \$484,672**



**FORMAL BID RECOMMENDATION  
REQUEST FOR COUNCIL APPROVAL**

DEPARTMENT: **Public Services - Westside WWTP**

COUNCIL AGENDA DATE: **June 5, 2017**

BID NO.:  CONTRACT NO.:  DATE OPENED:

**DESCRIPTION:**

Westside WWTP Phase 3, is the final project in completing the expansion of the plant from 6.2 MGD to 8.2 MGD and finally to 10.0 MGD. The upgrade has been extended by 9 months and this amendment covers engineering services overseeing the project. Hazen is currently over budget for these services.

**PURPOSE:**

This amendment modifies the original agreement entered on November 2004 for engineering services related to the Westside WWTP upgrade. The scope of services is amended to include the additional duration of the construction for Phase 3.

**COMMENTS:**

RECOMMEND AWARD TO: **Hazen & Sawyer** AMOUNT: **\$484,672.00**

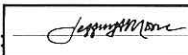
**JUSTIFICATION:**

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
421779	527105	421101024120	40206	\$484,672.00
TOTAL BUDGETED AMOUNT				\$484,672.00

DEPARTMENT HEAD: **Terry Houk** Digitally signed by Terry Houk  
DN: cn=Terry Houk, o=City of High Point, ou=Public Services, email=terry.houk@highpointnc.gov, c=US  
Date: 2017.05.19 10:09:55 -0400 DATE: **May 19, 2017**

The Purchasing Division concurs with recommendation submitted by the **Public Services** and recommends award to the lowest responsible, responsive bidder **Hazen & Sawyer** in the amount of \$ **484,672.00**.

PURCHASING MANAGER: **Erik Conti** Digitally signed by Erik Conti  
DN: cn=Erik Conti, o=City of High Point, ou=Public Services, email=erik.conti@highpointnc.gov, c=US  
Date: 2017.05.26 11:07:01 -0400 DATE: **May 26, 2017**

Approved for Submission to Council  
FINANCIAL SERVICES DIRECTOR:  Digitally signed by Jeffrey A. Moore  
DN: ou=Jeffrey A. Moore, o=City of High Point, NC, ou=Financial Services Director, email=jff.moore@highpointnc.gov, c=US  
Date: 2017.05.26 11:11:49 -0400 DATE: **May 26, 2017**

CITY MANAGER: **Greg Demko** Digitally signed by Greg Demko  
DN: cn=Greg Demko, o=High Point, ou=High Point, email=greg.demko@highpointnc.gov, c=US  
Date: 2017.05.26 11:15:55 -0400 DATE: **May 26, 2017**